Developments in Steelmaking Capacity of Non-OECD Economies

Les capacités de production d'acier dans les économies non membres de l'OCDE

OECD

2010

Developments in Steelmaking Capacity of Non-OECD Economies 2010

Les capacités de production d'acier dans les économies non membres de l'OCDE 2010

OECD

Please cite this publication as:
OECD (2011), *Developments in Steelmaking Capacity of Non-OECD Economies 2010*, OECD Publishing.
http://dx.doi.org/10.1787/steel_non-oecd-2010-en-fr

Merci de citer cet ouvrage comme suit :
OCDE (2011), *Les capacités de production d'acier dans les économies non membres de l'OCDE 2010*, Éditions OCDE.
http://dx.doi.org/10.1787/steel_non-oecd-2010-en-fr

ISBN 978-92-64-11091-5 (print/*imprimé*)
ISBN 978-92-64-11092-2 (PDF)

FOREWORD

The Secretariat of the OECD Steel Committee prepares a report on steelmaking capacity developments in non-OECD economies every two years. This report reviews available material on existing capacity and on likely developments through 2012. To the extent possible, expectations beyond 2012 are also reflected.

The regional tables in the Appendix to this report present detailed information on existing and proposed steelmaking capacity and equipment in the non-OECD economies on a plant-by-plant basis.

AVANT-PROPOS

Le Secrétariat du Comité de l'acier de l'OCDE établit tous les deux ans un rapport sur l'évolution des capacités de production d'acier dans les économies non membres de l'OCDE. Le rapport passe en revue les éléments d'information disponibles sur les capacités actuelles de production et sur leur évolution à l'horizon 2012. Dans la mesure du possible, il tient compte aussi des développements attendus après 2012.

Les tableaux par région dans l'annexe présentent des informations détaillées, par aciérie, sur les capacités et les équipements sidérurgiques actuels et prévus dans les économies non membres de l'OCDE.

TABLE OF CONTENTS

TABLE DES MATIÈRES

DEVELOPMENTS IN STEELMAKING CAPACITY OF NON-OECD ECONOMIES: TWO-YEARLY REPORT

I. Introduction

The capacity to produce steel has important implications for conditions in the world steel market. Future levels of steel production, employment, and trade, for example, all reflect current investment in steelmaking facilities. In recent years, most of the growth in the world's steelmaking capacity has occurred in non-OECD economies to meet the needs of rapid economic development. The expansion has been most pronounced in countries with either high market demand or low costs, including China, India, and Brazil. This report examines the current steelmaking capacity of non-OECD economies and likely changes therein up to the year 2012, based on the Secretariat's monitoring of investment activity using a number of news sources and other information available in the public domain.

The first part of the report provides a general summary of capacity trends, including recent developments and the outlook to 2012 by region. The appendix of this report provides extensive detail on investment projects by company, highlighting the equipment and production technologies steelmakers are investing in, the starting dates of the planned projects, and, where known, the financing of projects. Comments on the progress and classification are not in any way meant to represent a judgement on the feasibility or advisability of the projects in question.

II. Summary

Non-OECD steelmaking capacity is likely to continue increasing steadily in the period to 2012, supported by the resumption of expansion projects that were put on hold in the aftermath of the recent economic crisis. Total non-OECD steelmaking capacity in 2012 is expected to reach 1.36 billion tpy (tonnes per year), representing an increase of 204 million tpy from a level of 1.15 billion tpy in 2009. Average annual growth in capacity in the period to 2012 should therefore amount to 5.6%.

Looking at regional trends, Asia is projected to account for the largest part of the capacity increase. Asian capacity should increase by 147.5 million tpy in the period to 2012, accounting for 72.3% of the total 204 million tpy increase for all non-OECD economies. This is followed by the Middle East (with a 26.8 million tpy capacity increase), the Commonwealth of Independent States (CIS) (10.4 million tpy), Latin America (9.4 million tpy) and Africa (8.0 million tpy). In contrast, few changes in steelmaking capacity are likely in non-OECD Europe.

In Asia, China experienced a rapid increase in capacity over the past decade, supported by robust growth in demand for steel. In the period to 2012, an additional 90 million tonnes of new steelmaking capacity will be installed. However, this suggests a lower rate of growth in new capacity compared to past years, partly a consequence of policy measures aimed at constraining the industry's expansion. India has significant potential for expansion in steelmaking capacity, underpinned by good availability of iron ore, low costs of production, and bright prospects for steel consumption growth. Indian steelmaking capacity is expected to increase from 72.8 million tonnes in 2009 to 114.2 million tonnes by 2012, even though many of the greenfield projects are encountering popular resistance. Other Asian emerging economies, such as Vietnam, have ambitious plans to expand capacity, strengthening their role in regional capacity developments.

In the Middle East, a significant net importer of steel, steelmaking capacity is growing at a fast rate and is projected to increase from 28.1 million tpy in 2009 to 54.9 million tpy in 2012, although several projects were halted or cancelled during the financial crisis. These economies have been experiencing very strong growth in steel demand, supported by infrastructure and building construction as well as investments in oil and gas projects and downstream refining.

Investment activity in the CIS region was impacted sharply by the financial crisis. However, steelmakers are now restoring their facilities to normal operating levels and investment activity is returning mainly in areas of energy-saving technologies as well as new steel-making and rolling facilities. Crude steelmaking capacity in this region is expected to increase by 10.4 million tonnes to 153.5 million tonnes by 2012.

In Latin America, production capacity is forecast to increase to 72.1 million tonnes by 2012, up by 9.4 million tonnes from 2009. Most of this increase will occur in Brazil, one of the largest iron ore producers in the world and the largest steel producer by far in Latin America. Brazil's capacity expansion includes several important slab-for-export projects.

In Africa, steelmaking capacity is projected to increase from 31.4 million tonnes in 2009 to 39.3 million tonnes in 2012. Most of this increase will occur in North Africa, where steel demand and steelmaking capacity have increased in response to favourable economic developments, particularly in the construction sector.

III. Recent developments

This section examines recent developments in steelmaking capacity, from 2000 to 2009, as well as the current situation in steel production and consumption in non-OECD economies.

Trends in capacity, production and consumption

The total steelmaking capacity of non-OECD economies expanded rapidly over the past decade, rising from 466.2 million tonnes in 2000 to 1.15 billion tonnes in 2009. For the decade as a whole, growth in capacity amounted to 147.5%. The most remarkable increase occurred in China, where steelmaking capacity increased by 575.4 million tonnes, accounting for 83.7% of the total 687.7 million tpy increase for all non-OECD economies during this decade.

Change in steelmaking capacity

Unit: million tonnes

	2000 (A)	2002	2005	2007	2009 (B)	Changes (B-A)	(B/A %)
Non-OECD Europe	15.0	15.5	17.3	17.3	18.0	3.0	20.1
CIS	124.7	124.2	124.5	134.5	143.1	18.4	14.8
Latin America	46.4	49.8	53.9	59.6	62.7	16.2	34.9
Africa	25.4	26.9	29.8	30.4	31.4	5.9	23.2
Middle East	14.0	15.2	19.0	21.9	28.1	14.0	99.7
Asia	240.6	297.5	540.9	739.7	870.7	630.1	261.9
China	149.6	197.0	424.0	610.0	725.0	575.4	384.6
Other Asia	91.0	100.5	116.9	129.7	145.7	54.7	60.1
Non-OECD total	**466.2**	**529.1**	**785.3**	**1003.5**	**1153.9**	**687.7**	**147.5**

Source: OECD Secretariat.

Capacity utilisation and self-sufficiency

Of the total 1.15 billion tpy steelmaking capacity for the non-OECD economies at the end of 2009, 72.6% was being utilised, as shown in the table below. Capacity utilisation was low in individual economies during 2009 due to the financial crisis and weak demand for steel. There were, however, significant differences across economies, with the capacity utilisation rate in China above the total average for the non-OECD economies, while utilisation rates in non-OECD Europe and Africa remained at a relatively lower level of 35.9% and 48.5%, respectively.

Capacity utilisation rate

Unit: million tonnes

	Capacity 2009 (A)	Crude steel production 2009 (B)	Utilisation rate (B/A %)
Non-OECD Europe	18.0	6.5	35.9
CIS	143.1	97.5	68.1
Latin America	62.7	37.7	60.2
Africa	31.4	15.2	48.5
Middle East	28.1	17.7	62.9
Asia	870.7	662.9	76.1
China	725.0	567.8	78.3
Other Asia	145.7	95.1	65.3
Non-OECD total	**1153.9**	**837.4**	**72.6**

Sources: OECD Secretariat (for capacity) and worldsteel (for production).

With regard to self-sufficiency in crude steel, the CIS maintained a considerably high rate in 2009. In contrast, Africa and the Middle East remained at a lower rate of below 100%. Non-OECD Europe and Latin America recorded a decline in their self-sufficiency rates to below 100% as steelmakers in these regions cut production significantly in response to the market downturn. In contrast, Asia saw its self-sufficiency rate rise above 100%. Between 2004 and 2008, the aggregate self-sufficiency rate of the non-OECD economies rose from 100.7% to 102.1%, supported by China's increase during the period.

Self-sufficiency rate of crude steel

Unit: million tonnes

	Crude steel production (C)		Apparent consumption (D)		Self-sufficient rate (C/D %)	
	2004	2008	2004	2008	2004	2008
Non-OECD Europe	10.6	10.1	9.8	12.8	107.8	78.7
CIS	113.4	114.3	45.1	57.2	251.3	199.9
Latin America	45.6	46.9	34.9	47.4	130.7	99.0
Africa	16.7	17.0	20.3	30.2	81.9	56.4
Middle East	14.3	16.6	33.9	51.3	42.1	32.4
Asia	352.3	598.6	404.6	588.4	87.1	101.7
China	282.9	500.3	287.3	452.9	98.5	110.5
Other Asia	69.4	98.3	117.3	135.5	59.1	72.6
Non-OECD total	**552.8**	**803.7**	**548.7**	**787.3**	**100.7**	**102.1**

Source: worldsteel.

IV. Outlook for the year 2012

Between 2009 and 2012, the total crude steelmaking capacity of non-OECD economies is expected to increase from 1.15 billion tpy to 1.36 billion tpy, or by 17.7% during the period as a whole. This corresponds to an average annual growth rate of 5.6%.[1] In terms of volume, the largest expansion is expected to occur in China, which should account for 44.1% of the total capacity increase in non-OECD economies. This is followed by India (20.3%), Iran (5.6%), Brazil (4%) and Russia (3.7%).

Supporting the capacity expansion is stable growth in steel demand, though several big expansion projects have been halted or cancelled due to the financial crisis. Meanwhile, surging raw material prices have also encouraged investment in steelmaking facilities in resource-rich economies. While China continues to lead this capacity expansion, some other developing economies are becoming increasingly important in world capacity developments, as governments target growth and, in some cases, self-sufficiency, in steel production.

Estimates for steelmaking capacity in 2012

Unit: million tonnes

	Existing	Increase to 2012			Capacity in 2012			Changes	
	2009 (A)	Firm	Possible	Unlikely	Mean (B)	Low	High	Volume (B-A)	% (B/A)
Non-OECD Europe	18.0	1.8	0.1	1.3	19.8	19.8	19.9	1.8	10.3
CIS	143.1	9.5	1.8	43.8	153.5	152.6	154.5	10.4	7.3
Russia	83.2	7.3	0.2	18.5	90.7	90.6	90.8	7.5	9.0
Ukraine	47.4	1.1	1.3	21.3	49.1	48.5	49.8	1.8	3.7
Latin America	62.7	8.4	2.1	57.3	72.1	71.1	73.1	9.4	15.0
Brazil	43.1	8.2	0.0	43.9	51.3	51.3	51.3	8.2	19.0
Africa	31.4	8.0	0.0	10.8	39.3	39.3	39.3	8.0	25.4
Middle East	28.1	20.9	12.0	47.3	54.9	48.9	60.9	26.8	95.7
Iran	15.0	5.9	11.0	28.8	26.4	20.9	31.9	11.4	76.0
Saudi Arabia	7.4	5.0	0.9	3.9	12.8	12.4	13.2	5.4	72.4
Asia	870.7	116.5	62.0	282.1	1018.2	987.1	1049.2	147.5	16.9
China	725.0	64.9	50.3	25.5	815.0	789.9	840.1	90.0	12.4
India	72.8	37.3	8.3	189.7	114.2	110.1	118.4	41.5	57.0
Non-OECD total	**1153.9**	**165.0**	**78.0**	**442.5**	**1357.8**	**1318.9**	**1396.8**	**204.0**	**17.7**

Source: OECD Secretariat.

NON-OECD EUROPE

Bosnia and Herzegovina

- *ArcelorMittal Zenica* restarted its coke plant, sinter plant, blast furnace and basic oxygen furnace (BOF) in 2008. *ArcelorMittal* hopes to take its steelmaking capacity from 1 million tpy at present to around 2 million tpy, though the company has no immediate plans to restart its EAF.

Croatia

- *CMC Sisak*, a seamless pipe producer, is close to completing its investment in a new electric furnace scheduled for 2010, which will have a production capacity of around 425 000 tpy.

[1] The method used to estimate steelmaking capacity is described in the Appendix. Capacity expansion is mentioned hereafter in terms of the mean case estimate.

Latvia

- *Liepajas Metalurgs* will build an integrated electric steel plant. The project includes a major modernization of the scrap-based steelmaking process and the construction of an entirely new rolling mill. The new plant is designed for annual production of about 810 000 tonnes of steel billet and 400 000 tonnes of steel bars and profiles. It will also replace the existing open hearth furnaces (OHF).

Lithuania

- New Russian steel venture *AV-Stal* intends to construct a micro-mill, which will have a capacity of 120 000 tpy of steel. Construction of the new mill will begin in mid-2010 and should be completed within two years.

Macedonia

- Heavy plate producer *Makstil*, majority-owned by *Duferco Group*, completed the upgrade of its electric arc furnace in March 2010, increasing its capacity from 360 000 to 520 000 tpy of crude steel.

Montenegro

- *Zeljezara Niksic* is carrying out a modernisation programme involving the installation of a new EAF, a vacuum degassing unit, a de-dusting system and a ladle furnace, which will increase crude steel capacity to between 450 000 and 600 000 tpy.

Romania

- Russian steelmaker *Mechel* plans to boost production capacity at its *Ductil Steel Otelu Rosu* plant by around 212,000 tpy in 2010-2012.

- *Liberty Commodities*, the London steel trader, intends to build a new steel production facility in the southern Romanian city of Oltenita, in Calarasi County. The new plant is planned to have an annual production capacity of 500 000 tpy of billet to be rolled into long products. In 2007, the company acquired the Oltenita-located Turol casting house for EUR 16 million through its Romanian arm.

Serbia

- *Sirmium Steel*'s new billet plant, a joint venture between *Metalfer* and Italian equipment supplier *STG Group*, is expected to start production in July 2010. The EAF-based plant will have a production capacity of 450 000-500 000 tpy of billets.

COMMONWEALTH OF INDEPENDENT STATES (CIS)

Prior to the financial crisis and market downturn, major capacity expansion projects had been planned in Russia and Ukraine. These included several mini-mill projects and the replacement of outdated open-hearth furnaces with new basic-oxygen and electric-arc furnaces. Steelmakers have been making efforts to restore their facilities to normal operating levels and have been investing mainly in energy-saving technologies as well as new steel-making and rolling facilities since early 2009. Steelmaking capacity for the entire CIS region is projected to increase by 7.3% between 2009 and 2012, *i.e.* by 10.4 million tonnes to a level of 153.5 million tonnes by the end of the period.

Russia

- *Ashinsky Steel Works* plans to commission a new 120-tonne EAF and phase out open hearth steelmaking in 2010. Switching from OHF to EAF production will raise the plant's crude steel production capacity from 650 000 tpy to 1 million tpy.

- A new Russian steel venture, *AV-Stal,* intends to construct a "micro-mill", a 120 000 tpy long products mill, in the southern region of Volgograd by 2011. Furthermore, the company plans to build a new rebar producing mini-mill in the Novgorod region, which will have an annual production capacity of 143 000 tpy. The construction of the second plant is to be started in the second half of 2010 and is to be finished by 2013.

- *Chusovoy Metallurgical Works*, a subsidiary of *United Metallurgical Company (OMK)*, has filed an application for a loan from Russia's State Corporation Bank for Development and Foreign Economic Affairs, *i.e.* Vnesheconombank (VEB). The funds in question will be used by *Chusovoy* for implementing large-scale modernization of its production facilities, including the construction of a new EAF, a continuous caster and a rolling mill, as well as for closing an OHF plant.

- Ukrainian steelmaking group *Industrial Union of Donbass* had planned to build a mini-mill in Armavir, in southern Russia. However, due to sluggish demand for steel products used in construction, the company decided to postpone the project even though work had started on the foundations of the plant.

- *Izhstal*, a subsidiary of the Russian mining and steel producing company *Mechel*, plans to commission its new 350 000 tpy capacity electro-smelting complex in 2010. This will allow it to gradually switch from the use of OHF in its steel making process.

- *Kirov Works* plans to resume its project to install an EAF to replace its OHF at its steel producing subsidiary *Petrostal Iron and Steel Works*, once production on its "350" rolling mill achieves pre-crisis levels of 22 000 tpm (tonnes per month).

- Turkish steelmaker *Kurum Demir* plans to build a 1.5 million tpy long products steelworks at Volgadonsk, in southern Russia. The USD 150 million investment includes an EAF-based meltshop to produce billet and rolling facilities to make rebar and wire rod products.

- Former *Maxi Group* owner has created a new company to build several mini-mills in Russia, according to local press reports. The new company, *Maxi-Invest*, is now completing designs for prospective mills in the Vladimir region and in Tatarstan, which would each have a 1 million tpy crude and rolling capacity.

- *Nizhny Tagil Iron and Steel Works (NTMK)*, a subsidiary of *Evraz Group*, plans to increase its output to 4.5 million tpy of steel during 2010, as a result of a major reconstruction of its oxygen converter workshop. Furthermore, the company has begun building a blast furnace and convertor shop to increase the mill's crude steel capacity by around 70%. The project will be completed within three years, while the commissioning of the new shop is planned for 2014.

- Russia's *Novolipetsk Steel (NLMK)* has created a subsidiary company, *NLMK-Sort (NLMK-Long Products)*, to manage its long products business. In the long products division, construction of the 1.5 million tpy Kaluga long products mini-mill is ongoing, with completion expected at the beginning of 2012. The *Nizhnie Sergi* plant will also spend 1 billion roubles on upgrades by 2012. At Lipetsk, *Novolipetsk Steel* is continuing construction of the 3.4 million tpy blast furnace No. 7, due to start up in mid-2011. Construction is also underway on the No. 1 BOF, a ladle furnace and vacuum degasser. Along with the new blast furnace, the converter will make it possible to raise steel production to 12.4 million tpy by 2012.

- *Novokuznetsk Iron & Steel*, a subsidiary of *Evraz Group*, plans to install a vacuum degassing unit and engage in other projects at its steel-melting plant. This will help raise production capacity to 1.9 million tpy. The programme is expected to be completed in 2011.

- *Novorosmetall*, based in Novorossiysk city in Krasnodor Krai, plans to build a new EAF-based steelmaking shop and a second rolling shop in Abinsk.

- *Novosibirsk Metallurgical Works,* a subsidiary of the Russian steel producer *ESTAR Holding* and since July 2009 under the operational control of Russia's largest metal trader *Metallservis Group*, intends to install an EAF-based meltshop, which will allow the Kuzmin plant to produce its own slabs for re-rolling.

- *Pervouralsky Novotrubny Works*, a subsidiary of *ChTPZ Group*, is constructing a new EAF plant. The meltshop, with a capacity of 950 000 tpy of billet, is expected to start up in the fourth quarter of 2010. The new mill will replace the group's outdated OHF at its Chelyabinsk Tube Rolling Plant (430 000 tpy).

- *Severstal* embarked on the construction of its Balakovo mini-mill near Saratov in April 2010, and production is scheduled to start up in 2013. With a capacity of 1 million tpy, the mini-mill will produce long products for the construction sector. Originally scheduled to start up in 2010, *Severstal* postponed the construction due to the economic recession. The company has postponed a second mini-mill project in the Ivanovo region.

- Russian pipe maker *TMK* will complete installation of a new 950 000 tpy EAF at its *Taganrog Metallurgical Works* in 2011, which is intended to replace the plant's outdated OHF facilities (with capacity of 600 000 tpy).

- Russian pig iron producer *Tulachermet* has been working on a steel-making project. According to a news release in April 2008, the plan was to produce 2.5 million tpy of slab and, following a second phase of investments, rolling them into coils.

- Russia's *United Metallurgical Co (OMK)* produced its first hot-rolled coil at its new casting-rolling complex located near to its *Vyksa Steel Works* in September 2008. The capacity of the first phase of the EAF complex is 1.5 million tpy of coil. Following the project's second phase of development, capacity will be doubled to 3 million tpy.

- *Ural Mining and Metallurgical Company* is to build a 550 000 tpy long products mini-mill in Tyumen. The timetable for constructing the plant has been delayed; in December 2008 the company decided to dissolve its agreement with the project's general contractor in an effort to reduce construction costs in the context of the global economic crisis. The mill is expected to start up in 2011.

- *Volga-FEST*, a Volgograd region-based subsidiary of the Russian steel producer *ESTAR Holding*, intends to upgrade its EAF and install a new billet caster, with a matching capacity of 480 000 tpy of saleable billet.

- *Volzhsky Pipe Plant* in Volgograd region, a subsidiary of *TMK Group*, expects to upgrade its EAF and raise its capacity further to 1.2 million tonnes per year by 2011. This comes after the company completed reconstruction work in 2008.

Ukraine

- *ArcelorMittal Kryviy Rih* is planning to increase capacity from 8.5 million to 12 million tpy of liquid steel by 2012, with a new sinter plant, a new 5 million tpy converter shop, and new slab and billet casters. The remaining OHF and old sinter plant will be closed.

- Ukraine's *Metinvest* plans to spend $15 billion on doubling crude steel production by 2013-2014. The company will invest USD 5 billion at the *Azovstal* site, USD 6 billion at *Makeevka* and USD 2 billion at the *Yenakievo* site. *Metinvest* estimates *Azovstal* will increase crude steel production over the next 5-6 years by 21% to 8 million tpy, with a focus on flat steel products. Plans for *Azovstal* also include building a hot strip mill and replacing OHF with BOF technology. The key project is at *Makeyevka*, which joins *Metinvest* by way of the group's merger with Ukraine's *Smart-Holding*. *Metinvest* will install 8 million tpy of slab production capacity at *Makeyevka* via the integrated production route, boosting potential production by 444%. *Yenakievo* will be able to produce 3.5 million tonnes of crude steel annually within five years and 4 million tonnes of crude steel within six years, as a result of *Metinvest*'s investment program.

- The Ukrainian special steel producer *Dneprospetsstal* will install a new electric arc furnace, with start-up scheduled for the first quarter of 2012. The new furnace will replace three existing furnaces.

- *Dneprovsky Metallurgical Plant*, a subsidiary of *the Industrial Union of Donbass (ISD)*, plans to increase its crude steel output to 7 million tonnes by 2020, more than twice the level existing in 2009. The company plans to install new facilities as well as reconstruct existing plants.

- *Donetsk Iron & Steel Works* postponed the launch of its EAF until 2012 owing to the financial crisis. The company had planned to modernise its steelmaking operations by taking its OHF out of service and building a 150-tonne EAF.

- Ukrainian scrap operator *Euro Finance* has commenced building its first steel plant with a capacity of 1.8 million tpy. The contract for equipment supply was signed with Siemens in June 2008 and the opening of the plant, located in Belaya Zerkov near Kiev, is scheduled for mid-2011. The works will have a 120-tonne EAF and a twin-station ladle furnace, an eight-strand billet caster, and a long products rolling mill.

- The Ukrainian flat steel producer *Ilyich Iron and Steel Works* is planning reconstruction work, which will include a switch from OHF to BOF steel making, with secondary steel treatment and continuous casting.

- Ukrainian rail wheel and pipemaker *Interpipe* has received delivery of equipment for its new steel plant *Interpipe Electric Steel*. The construction of an EAF meltshop at its Dnepropetrovsk site is going ahead as planned. The 1.3 million tpy EAF, supplied by Danieli, will allow the company to phase out existing open hearth steelmaking at the *Nizhnedneprovsky Tube Rolling Plant*.

- *Vorskla Steel*, a company registered in Switzerland, is preparing to begin construction of its steelworks on a site near the city of Komsomolsk in Ukraine's Poltava region. The new works will have two Midrex DRI plants, two EAFs with a combined capacity of 3 million tpy, two ladle furnaces, and two continuous slab casters.

- *Zaporizhstal Integrated Iron & Steel Works* plans to restart construction of its planned convertor shop in 2011. The building work will take place in two phases, starting with the No. 1 BOF, followed by converters 2 and 3 simultaneously. *Zaporizhstal* contracted Austria-based Siemens VAI earlier in 2008 to build the converter shop, which will have a crude steel capacity of 4.7 million tpy. The company stopped work in November 2008 amid the global financial crisis. Production start-up was previously scheduled for late 2010. *Zaporizhstal* was producing around 3.8 million tpy from its OHFs before the global financial crisis. The OHFs will gradually shut down as the BOFs start up.

Azerbaijan

- *DHT Metal* will commission a new melting shop in February and a new rolling mill in March 2010. Its plant currently has a melting capacity of 150 000 tpy and a rolling capacity also of 150 000 tpy. Following the new investments, these capacities will be raised to 300 000 tpy and 400 000 tpy respectively.

Georgia

- Seamless pipe and rebar producer *Georgian Steel* will start up four induction furnaces to produce its own crude steel and billet. The 12-tonne furnaces supplied by Chinese Wuxi Haohua Metallurgy Machinery will allow *Georgian Steel* to cast up to 120 000 tpy of square billet. In addition, the company plans to build a new hot end for its seamless pipe production. The mill has already designated space and is in the design phase for the meltshop, which could contain two 25-tonne EAFs with a combined 250 000 tpy crude steel capacity and a round billet caster.

Kazakhstan

- *ArcelorMittal Temirtau* has started the construction of a new 1.2 million tpy six-strand continuous square billet caster for its long steel producing facility. Accordingly, the construction of the new continuous billet caster together with projects aimed at repairing and modernising the blast furnaces, scheduled for 2010-2011, is in line with the company's target of increasing its steel output to 6 million tpy. Furthermore, the company will restart a project to build a new four million tonne capacity steel mill in Temirtau in 2011.

LATIN AMERICA

Latin American steel producers are beginning to resume projects that were put on hold in the aftermath of the downturn, supported by a promising longer-term market outlook. The region's production capacity is estimated to increase to 72.1 million tonnes by 2012, up 9.4 million tonnes or 15%, from 2009. Most of this increase will occur in Brazil, the largest producer by far in Latin America. Brazil has attracted significant investments by domestic and foreign steelmakers, reflecting advantages related to raw material availability and the favourable outlook for steel demand.

Brazil

- *ArcelorMittal* plans to increase production at its long steel mill in the state of Minas Gerais and Espírito Santo. Some USD 5 billion in *ArcelorMittal*'s Brazilian investment plans is due to be completed by 2016. They include capacity expansions at *Monlevade Steelworks*, *Juiz de Fora Steelworks* and *Vitória Steelworks* (in Cariacica*)*. In June 2010, ArcelorMIttal resumed a USD 1.2 billion expansion project in Monlevade which had been frozen because of the world economic crisis. *Monlevade*'s crude steel capacity will be doubled to 2.4 from 1.2 million tpy in mid-2012.

- A newcomer to steelmaking – *Aurizônia Empreendimentos*– has announced plans to build a giant slab plant at Bacabeira in Maranhão state. The new steelworks would be called *Companhia Siderúrgica do Mearim*. It would produce as much as 10 million tpy of slabs for the export market, from an investment of USD 5 billion.

- Brazilian pig iron maker *Usipar*, a *Cosipar* unit in Pará state, has delayed its 2 million tpy slab-making project until 2013 at the earliest. The initial schedule foresaw that the facilities would be commissioned in 2012.

- Brazilian flat steel producer *CSN* will commission its EAF-based 500 000 tpy long products steel mill in Volta Redonda city by the first half of 2011 and also plans to build two additional 500 000 tpy long steel plants by 2013. Furthermore, the company will carry out two big greenfield slab mill projects in Itaguaí, Rio de Janeiro and Congonhas, Minas Gerais states with capacity of 4.5 million tpy each.

- Brazilian miner *Ferrous Resources do Brasil* is considering the construction of a slab mill in Juiz de Fora, in Minas Gerais state. The 3.5 million tpy capacity mill might be commissioned in 2016. The plant would start its first-phase operation at 1 million tpy, expandable to 3.5 million tpy at a later stage.

- Brazilian long product steelmaking group, *Gerdau*, announced in July 2008 that it would build an EAF rebar plant in Brazil's north-eastern state of Pernambuco. The mill was expected to start up in 2011.

- *Ferroeste Group* plans to move forward with construction of its longs plant in Açailândia city, in Maranhão state. The company will invest around USD 141 million in the project, and the plant will have annual capacity of 500 000 tonnes. The mill was expected to start up in 2010.

- *Usiminas* had planned a project for a new slab mill in Santana do Paraíso, which would be able to produce over 5 million tpy. However the project was suspended indefinitely in July 2009 due to uncertain global steel demand conditions.

- *Vallourec & Sumitomo Tubos do Brasil (VSB)*, a seamless pipe joint venture, will commission its seamless pipe mill in the second half of 2010. The USD 1.6 billion project comprises charcoal blast furnaces, a 600 000 tpy seamless pipe mill and 1 million tpy of crude steel facilities in Jeceaba, Minas Gerais.

- China's *Wuhan Iron and Steel Group* and the Brazilian miner *MMX* agreed in December 2009 on the shareholding structure for the new 5 million tpy integrated steelworks joint venture in the Brazilian state of Rio de Janeiro. *Wuhan* will hold 70% of the new project and *MMX*'s parent company *EBX* the balance. Both companies agreed to begin studies immediately in order to get all necessary permits to develop the new mill by May 2010.

- Brazilian miner *Vale* has announced a series of slab making projects. This has been interpreted as a way of selling value-added products rather than minerals, but at the same time could also assure domestic sales in order to ramp up new iron ore projects.

- *ThyssenKrupp CSA (Companhia Siderúrgica do Atlântico)*, a *Vale-ThyssenKrupp* joint venture, started up in July 2010. The 5 million tpy slab plant in Rio de Janeiro state will initially operate only one blast furnace and a sinter plant. The second blast furnace is expected to start production sometime in 2011. ThyssenKrupp has a 73.13% stake in CSA, while Vale holds 26.87% of its shares. The project was originally scheduled for a 2009 start-up.

- *ALPA (Aços Laminados do Pará)* will be a 2.5 million tpy steel plant in Marabá city, in Brazil‘s northern state of Pará, and operations are scheduled to commence in 2013. In April 2010, *Vale* obtained the environmental license for the project. *ALPA* will be fully developed by *Vale*.

- *Companhia Siderúrgica do Pecém (CSP)*, a joint venture with Korea’s *Dongkuk*, will have a capacity of 3 million tpy of slabs for export starting in 2013. In a second phase, slab capacity could be doubled to 6 million tpy, according to *Vale*.

- *Companhia Siderúrgica Ubu (CSU)* will be a 5 million tpy slab mill in Anchieta city, Espírito Santo, with expected start-up in 2014. *Vale* previously said it was looking for a partner for this project. This replaces the old *Companhia Siderúrgica Vitória (CSV)* project, a 5 million tpy slab plant which *Vale* had intended to build in a joint venture with Chinese steelmaker *Baosteel* in the same Anchieta city.

Argentina

- Before the global economic crisis, *Ternium Siderar*, Argentina’s largest flat steel producer had planned to install a new 2.5 million tpy continuous slab caster and metallurgy equipment to debottleneck its operation at the San Nicolas plant, increasing its crude steel capacity from 2.9 million tpy to 4.0 million tpy. However, the project remains frozen until market conditions improve.

- In September 2008, *Gerdau* announced a plan to build a new steelworks in Pérez which would give *Sipar*, *Gerdau* group’s rolling mill in Rosario, 1.1 million tpy capacity for both crude and rolled steel. A first stage including a 650 000 tpy melt shop and an additional 450 000 tpy of rolling capacity would be commissioned by 2011, but because of the international financial crisis the schedule has probably been delayed.

Bolivia

- India's *Jindal Steel and Power* signed a contract in January 2007 with the Bolivian government to invest USD 2.1 billion over the next nine years in the El Mutun iron and steel project. In March 2010, *Jindal* agreed to invest roughly USD 1.5 billion over the next four years and to begin steel production in the third quarter 2014 in order to keep its 50% stake in the joint venture with the Bolivian state-owned company *Empresa Siderúrgica del Mutún (ESM)*. In the first phase they plan to bring on stream a 5 million tpy pellet plant, a 2 million tpy DRI plant and a 1.7 million tpy steel mill. However, it is reported that the relationship between the Bolivian government and *Jindal* is getting complicated. *ESM* has started looking for new investors as an alternative way to move forward with the Bolivian iron ore development project.

Colombia

- Brazil's *Votorantim Siderurgia* is considering increasing capacity in *Acerías Paz del Río*, a flats and longs producing integrated steelmaker, to 700 000 tpy by 2012. Capacity currently stands at 450 000 tpy.

- *Votorantim Siderurgia* and *Acesco* will finalise plans for a 1.4 million tpy integrated flat product steelworks in Colombia in 2010. They expect to be granted an environmental licence for the steel mill during the second half of 2010. The mill was originally estimated to cost around USD 1.5 billion and was to come on stream in 2012.

Cuba

- State-owned long products maker *Antillana de Aceros*, part of *Acinox SA*, is aiming to reach a 500 000 tpy crude steel capacity by 2013 to meet local demand and increase its billet exports to Central American and Caribbean markets. The mill is a 50-year-old facility with a nominal capacity of around 300 000 tpy.

Ecuador

- *Andec* recently commissioned the new 25-tonne ladle furnace at its Guayaquil works. The new ladle furnace will enable the steelmaker to increase its billet making capacity from 90 000 tpy to 135 000 tpy. The company plans to reach 200 000 tpy by 2011.

- Ecuadorian long steel producer *Novacero* started up a 120 000 tpy EAF in October 2009 in order to produce its own billet. The company currently has capacity to produce up to 120 000 tpy of bars and sections. In the future, the company plans to reach up to 250 000 tpy of crude steel output.

- *Siderúrgica del Pacífico*, a joint-venture steel mill between the governments of Venezuela and Ecuador, is unlikely to come on stream before 2016, with construction works preliminarily estimated to begin in 2012. The plant could have capacity of up to 500 000 tpy of finished steel, likely to be long steel products.

Peru

- *Aceros Arequipa* is reported to be waiting for better market conditions to start its 1.2 million tpy production expansion plan. Although the Peruvian long steel producer started up a new transformer at its Pisco plant in 2009, enabling it to ramp up production to 800 000 tpy, its

overall crude steel capacity is still 650 000 tpy. The expansion plan was already approved, but it was frozen because of the world economic crisis.

- Long steel producer *Siderperú*, controlled by Brazil-based *Gerdau*, is increasing its capacity to 700 000 tpy by 2010. The steelmaker has been producing crude steel in two EAFs, which was to be replaced by a new one in July 2010. In 2008, *Siderperú* announced a project to expand its crude steel capacity to 1.5 million tpy by 2011 and 3 million tpy by the end of 2013, but the plan was put on hold in the aftermath of the financial crisis.

Trinidad Tobago

- *Essar Steel Caribbean* has been planning to build a new 2.5 million tpy integrated steel plant. *Essar* says clearances have already been obtained for the 200 hectares of land it needs for its mill.

Venezuela

- The Venezuelan government's project to build a stainless steel plant in partnership with the Cuban government, called the *Aceros del Alba venture*, has been ratified by the country's mining ministry. It could be in operation by the fourth quarter of 2012. The project foresees a 500 000 tpy stainless and special steels plant, which is to source its ferro-nickel from Cuba.

- Construction works for the new state-owned Venezuelan steel mill *Siderúrgica Nacional* have been officially started in the city of Ciudad Piar. The plant will have capacity to produce around 1.55 million tpy of crude steel, of which 800 000 tpy will be rolled into hot rolled coils, 350 000 tpy into plates and 160 000 tpy into slabs. At a total cost of USD 2.1 billion, the EAF-based plant is expected to commence production by the end of 2011 or the beginning of 2012.

- The Venezuelan government confirmed it will invest USD 900 million in the newly nationalized steelmaker *Sidor* to increase its capacity. According to the country's mining minister, this investment aims to lift the company's liquid steel capacity to 7 million tpy through 2012. A previous program intended to hike its tonnage to just 5.7 million tpy. However, it was reported in early 2010 that ongoing energy shortages were having a significant impact on *Sidor*, reducing its capacity utilization to only 25%.

AFRICA

Steelmaking capacity in Africa is projected to increase from 31.4 million tonnes in 2009 to 39.3 million tonnes in 2012. Most of this increase will occur in North Africa, where steel demand and steelmaking capacity have increased in response to favourable economic developments and construction activity. Meanwhile, in central and southern Africa, steelmaking capacity is expected to remain unchanged though steel demand is increasing gradually and many foreign companies are planning to invest in mining projects thanks to the region's abundant natural resources.

Algeria

- The government has turned down *Ezz Steel*'s plans to build a 3 million tpy greenfield plant in Jigel because of issues over majority ownership. *Ezz Steel* has been in talks with the Algerian government to change its investment law that sets the maximum level for foreign ownership to 49%.

Egypt

- *Al Ezz Steel Rebars (Ezz Steel)* has restarted production at its *EFS* flat products plant in Suez. The plant halted production in November 2008 due to the global financial crisis. *EFS*'s capacity has been enhanced to 1.3 million tpy from the previous 1.2 million tpy. *Ezz Steel* also plans to add a steel melt shop at *EFS* with a capacity of 1.2 million tpy, thus bringing the subsidiary's capacity up from 1.3 to 2.5 million tpy by mid 2012.

- The Egyptian government recently announced that *ArcelorMittal's* investment licence might be cancelled if the company does not comply with the time schedule to start work on the project, according to the local media. *ArcelorMittal* was awarded a licence in early 2008 to build a DRI plant (1.6 million tpy) and billet plant (1.4 million tpy).

- Egyptian bar and wire rod producer *Beshay Steel* plans to build a third mill in Sadat City. The new plant will produce 1.3 million tpy of bars and sections. The equipment will include a direct reduced iron plant, a 165-tonne EAF, a 165-tonne ladle furnace and a 6-strand billet caster.

- *Suez Steel* plans to continue expansion with a direct reduced iron plant with 1.95 million tpy of capacity, and increase its billet casting capacity to 2.6 million tpy by 2011. The company signed a contract with Danieli to build a new integrated mini-mill with 2 million tonnes of annual capacity in March 2008.

- *Tiba* plans to build a billet plant with 500 000 tpy of capacity. *Tiba* is understood to be backed by Saudi steelmaking family Al-Rashed. The Egyptian government has already issued a license for the construction of the new steel mill.

Libya

- *The Libyan Iron & Steel Company (Lisco)* aims to increase its crude production capacity from 1.79 million tpy to 4.16 million tpy by 2012-13. The increase in production will be completed in two stages, and the first stage is already underway.

Morocco

- *Liberty House, UK*, has created a joint venture with *Moroccan Iron Steel (MIS)* and other partners to realise three new steelmaking projects in Morocco, combined capacity of which should reach 2 million tpy.

- Flat steel re-roller *Maghreb Steel* is in the process of constructing its own slab plant. The plant will comprise a 120-tonne EAF and a continuous slab caster to produce 1 million tpy of crude steel and is expected to be commissioned in January or February 2011.

Nigeria

- *African Steel Mills Nigeria*, established by the Gupta family, started operations in 2004. The company operates electric induction furnaces with a combined melting capacity of 200 000 tpy and two rolling mills. The company plans to build two other new mini-mills in Lagos and Abuja.

- In September 2008 India's *Tulsyan Group* signed a memorandum of understanding with the UK-based *Budhrani Group* of companies to set up a steel mill in Nigeria by mid-2010. The mill

would make billets through the induction furnace route, which would then be rolled into 60 000 tpy of long products such as reinforcing bars.

South Africa

- State-owned financial institution *Industrial Development Corporation (IDC)* has confirmed plans to build a multi-billion dollar steel mill in that country or in Mozambique, which is expected to come on stream in 2014.

Zambia

- *Universal Mining and Chemical Industries* has completed installing power at the steel plant in the Kafue district. The initial capacity of the plant will be 100 000 tpy. The second phase of the project involves the addition of a direct reduction plant. Iron ore will be sourced from the nearby Sanje Hill hematite deposit, allowing the plant's capacity to be increased to 200 000 tpy.

MIDDLE EAST

The Middle East steel market is affected significantly by developments in oil revenue. In the past, high oil prices tended to stimulate construction activity and steel demand, and the region was very dependent on steel imports. To reduce import dependency, many investment projects have been announced to increase local steel production, though some have been delayed since 2008. Because much of the region's steel demand is generated by the building and construction sector, long products are the commodities demanded most by steel end users. As a result, many steelmakers either already have, or are planning to, build direct reduced iron (DRI) mini-mills to produce long products for local markets. Overall, steelmaking capacity is projected to increase substantially in the Middle East, from 28.1 million tonnes in 2009 to 54.9 million tonnes in 2012.

Iran

- *Amir Kabir Steel*, a privately-owned rolling mill in northern Iran, is considering bids from equipment suppliers for the construction of a 350 000 tpy billet meltshop. The meltshop will comprise one 50-tonne EAF, a 50-tonne ladle furnace, a four-strand continuous caster, a de-dusting system, an alloy charging system and an oxygen plant, among other items.

- *Arfa Iron & Steel* will commission its 800 000 tpy steelmaking plant in March 2011. The project will comprise one 800 000 tpy Midrex DRI plant and one 800 000 tpy steelmaking plant. The project is located in Ardakan city, in Yazd province in central Iran, and is close to the Ardakan pelletizing plant.

- *Arian Steel* plans to commission three projects in 2010, giving it an extra 1.08 million tpy of rolling capacity and an extra 300 000 tpy of steelmaking capacity, which will include an EAF, a ladle furnace, an ingot casting and a continuous casting machine.

- *Yazd Saman Steel* and *Asia Iron Melting Co* were recently in the final stages of building two new meltshops set to come on stream in 2010. Both meltshops will use induction furnace technology and produce billet. *Yazd Saman Steel*'s melt shop will be equipped with two 12-tonne capacity induction furnaces and a two-strand continuous casting machine. It will have a 90 000 tpy billet capacity. *Asia Iron Melting Co* will operate two 10-tonne capacity induction furnaces and a two-strand continuous casting machine. It will have an 80 000 tpy billet capacity.

- State-owned Iranian rolling mill, *Azarbayjan Steel*, is constructing a steelmaking plant with a capacity of 800 000 tpy. The company also plans to expand its rolling capacity to 1 million tpy within a year.

- *Bafgh Steel* is one of eight state-owned provincial steel plants under construction – each one with a 1 million tpy capacity. The plant is located close to Bafgh city, in Yazd province, a region containing many iron ore mines, including Chador Malu and Iran Central Iron Ore. It will become operational in 2010-2012.

- *Baft Steel* is also one of the eight steel projects that the Iranian government is promoting in order to develop economically backward areas of the country. The company will have a billet capacity of 800 000 tpy.

- *Bisoton Steel Complex* will build a new 400 000 tpy meltshop, set to come on stream by the end of 2012. The meltshop will be built in two phases, with each phase comprising 200 000 tpy of billet capacity.

- *Boyerahmad Steel* intends to double its capacity to 240 000 tpy by installing further equipment. It is also studying the feasibility of setting up a rolling mill with 240 000 tpy capacity and a direct reduced iron (DRI) module with capacity of 300 000 tpy.

- *Chaharmahal va Bakhtiari*'s direct reduced iron plant was 42% complete in May 2009. The project, which involves 1 million tpy of slab capacity, will comprise two steel and iron making plants, both of which are under construction.

- *Esfahan Steel* commissioned its third blast furnace on 23 July 2009. The blast furnace has a capacity of 1.4 million tpy and is expected to raise total Iranian crude steel production by 10%. As part of the same development project, Esfahan plans to construct a fourth 1.4 million tpy blast furnace and raise its finished products capacity to 5 million tpy.

- *Gambron Steel* is planning the construction of a steelmaking plant. Feasibility studies for setting up a steel plant with three blast furnaces with capacity of 2 million tpy crude steel have been completed.

- Iranian iron ore miner *Gol-e-Gohar* plans to build a steel plant with a crude steel capacity of 1.6 million tpy to produce billets. The project will comprise a Midrex direct reduced iron module with 1.6 million tpy of capacity and two EAF steelmaking plants, each with 800 000 tpy capacity.

- *Hormozgan Steel*, the Iranian slab mill project, was set to start producing in the summer 2010. The project includes two 825 000 tpy Midrex DRI modules, a steelmaking plant with two EAFs, two ladle furnaces and a two-strand continuous slab caster with 1.5 million tpy of capacity.

- *Iran Alloy Steel Co* will more than double its alloy steel capacity to 450 000 tpy by 2010. The project comprises a third 40-tonne EAF, a 40-tonne ladle furnace, a degassing plant and a 4-strand continuous caster, as well as the upgrading of other utilities. In addition, the company has a separate project to build a 650 000 tpy capacity carbon steel mini-mill by 2012.

- *Iran Spiral Co* plans to install a 1 million tpy DRI plant in Isfahan. A complete melt shop and billet caster mill will also be installed adjacent to the Isfahan works to produce billet with a production capacity of 400 000 tpy.

- *Jafari Industrial Group* is constructing *Jafari Alloy Steel Plant*, a 450 000 tpy capacity mini-mill. Located in western Iran, the new mini-mill comprises an EAF-based meltshop and a long products rolling mill. In the meantime, the Group is also installing 25-tonne induction furnaces at its existing plant, *Malayer Alloy Steel*. The plant currently has a 100 000 tpy crude steel capacity and will reach its nominal capacity of 400 000 tpy once the two new induction furnaces come on stream.

- *Kavir Steel Complex* is to construct two new rolling mills able to produce 550 000 tpy of debar and 300 000 tpy of sections. The company also has a development plan for setting up a meltshop and continuous casting machine with capacity of 300 000 tpy.

- *Kerman Steel Industries* intends to set up a meltshop and continuous caster with a capacity of 300 000 tpy. The project will begin once finances have been fully sourced and proposals from foreign suppliers have been received. Located in southeast Iran, Kerman Steel currently produces debar and plain round bar by rolling billet with capacity of 150 000 tpy.

- Iranian rebar producer *Kermanshah Steel*, located near the Iraqi border, is going to install a 400 000 tpy steel plant. The project is based on a blast furnace. The current rolling capacity of the company is 150 000 tpy using billet from other Iranian steel producers or imported material.

- *Khorasan Steel* is constructing a new 800 000 tpy meltshop as well as upgrading its existing steel plant to 800 000 tpy from 650 000 tpy. The company was also scheduled to commission its second DRI module in September 2010. The Midrex module has a capacity of 800 000 tpy and will cost around IRR 1.38 trillion. Khorasan brought its first 800 000 tpy DRI module on line in January 2010.

- *Khouzestan Oxin Steel*, a wide steel plate producer, plans to build a 1.2 million tpy DRI plant and a 1 million tpy hot end to complete its production chain, but financial restrictions have kept those projects from developing.

- Iran's state-owned *Khouzestan Steel* is studying several technical and commercial proposals from contractors to build a 1.6 million tpy capacity DRI mega module. A tender to build a continuous-casting machine to produce wide slab has already been awarded. The new module and casting machine are part of a development project to increase its semi-finished products capacity to 5 million tpy from 3.2 million tpy. *Khouzestan Steel* is also taking control of the stalled *Khorramshahr* steelworks project near the Iraqi border, and aims to complete it in the future. Construction of the 2 million tpy *Khorramshahr Steel & Iron* project was halted in 2008 for financial reasons. Now the project will be resumed via a joint venture between *Khouzestan Steel* (51%), *Ahvaz Mill & Pipe Co* (10%), and a Khouzestan province investment company (39%).

- *Mahkar Industrial Co*, located in Esterhard Industrial Town, is in the process of finding and procuring a continuous casting plant together with a meltshop that can feed its current production plant of approximately 200 000 tpy.

- *Maybod Steel Company*, a pig iron producer in Yazd province in the centre of Iran, will increase its output of pig iron and start to build a steel plant, according to the Iranian mines and metal industry holding company Imidro. Its pig iron capacity will be increased to 645 000 tpy from its current 300 000 tpy. It will also install a steelmaking plant with capacity of 650 000 tpy capable of producing billets.

- Iran's state-owned *Mobarakeh Steel* is building several steelmaking facilities and plans to reach 10 million tpy of capacity by March 2012. The expansion will add an extra 1.2 million tpy crude steel capacity at the Esfahan mill and take its overall capacity to 5.4 million tpy of crude steel within a year of commissioning. Mobarakeh also intends to double the capacity of the 700 000 tpy *Saba Mill*. Furthermore, the *Shahid Kharazi* project will add another 3 million tonnes of capacity with DRI modules, three EAFs, a continuous casting line and rolling mills to produce thin slab and hot rolled coil.

- *Natanz Steel* is building an 850 000 tpy steelmaking plant that is expected to come on stream in 2011. Natanz Steel is located on a 1 200-hectare site close to Natanz City in central Iran's Esfahan province.

- *Navard Foulad Gilan*, a privately-owned rolling mill is to set up a 450 000 tpy capacity meltshop and construct another rolling mill, which will have 300 000 tpy capacity. Induction furnace technology will be used, as it requires less power and is cheaper to construct compared with the EAF alternative.

- *North West Steel Industries (NSWI)* is working on the establishment of a letter of credit to finance the construction of an iron and steel plant with an 800 000 tpy Midrex DRI module, an 800 000 tpy EAF, a ladle furnace and a single-strand continuous caster for a billet.

- *Safa Rolling & Pipe Mills (SRPM)*, a member of *the Safa Industrial Group*, plans to raise its capacity by adding a new 400 000 tpy rail and heavy sections rolling mill, a 400 000 tpy medium sections rolling mill and a new 800 000 tpy meltshop. *SRPM* also plans to build a second steelmaking plant with capacity of 800 000 tpy of billet, as well as two light rolling mills. *Safa Industrial Group* had also planned to build the Middle East's largest steel plant in the Iranian city of Khorramshahr. The plant would have designed capacity of 9.2 million tpy of crude steel. In the first phase of investment, Safa would begin producing some hot-rolled coil and plate by the end of 2008, before ramping up to full production by the end of 2010. However, the project does not seem to be progressing.

- *Samangan Steel Industries* has recently signed an engineering, procurement and construction contract with Iritec, a Midrex-licenced Iranian engineering company, to set up a Midrex DRI plant with an 820 000 tpy capacity. The DRI plant is the first phase of establishing an integrated steel plant. The second phase of the project will entail construction of a steelmaking plant with capacity to produce 750 000 tpy of billet.

- *Semnan Hot Rolling Mills* plans to install a meltshop with steel capacity of 1 million tpy, one rolling mill with 235 000 tpy capacity for the production of rebar and plain bar, and one rolling mill capable of producing 235 000 tpy of light beams.

- *Shahrood Steel Co* has signed a USD 30 million contract with Siemens VAI Metals Technologies to supply a 50-tonne EAF, a 50-tonne ladle furnace, a 3-strand continuous caster and other meltshop equipment.

- *South Kaveh Steel* began building work on its 1.2 million tpy capacity steelmaking plant in 2009. The company estimates the plant will be completed within three years. It will be equipped with one 170-tonne EAF, one 170-tonne ladle furnace and a six- or eight-strand continuous caster. The company is also building two 925 000 tpy capacity Midrex DRI modules.

- *Tata Steel* has put its 3 million tpy greenfield steel project in Iran on hold because of political uncertainty. *Tata Steel* signed a memorandum of understanding in 2007 with the Persian Gulf Special Economic Zone (PGSEZ) for land and other infrastructure facilities in the special economic zone at Bandar Abbas.

- *Zagros Steel*, a 70 000 tpy pig iron producer in Kordestan province, is considering expansion of capacity and moving into steel production with a 300 000 tpy oxygen converter shop.

Bahrain

- Through its subsidiary *United Steel Company (USCO)*, the *United Steel Holding Company (Foulath)* has invested USD 1.2 billion in a medium and heavy sections plant. It will have a DRI plant supplied by Kobe and Midrex that will have a design capacity to produce 1.5 million tpy, but will produce 1.8 million tpy when ramped up to full production. The meltshop will have the capacity to produce 1.2 million tpy and it will produce 1 million tpy of medium and heavy sections. The investment in the sections mill is a joint venture with Japan's *Yamato Kogyo*. *Foulath* will own a 51% share and *Yamato* a 49% stake.

Iraq

- Saudi Arabian *Astra Industrial Group* has finalised the legal procedures to buy 51% of a unit of Jordanian *Al Maseera International Co*, which is building a plant in Basra, in southern Iraq. *Al Maseera*'s plant under construction will produce 450 000 tonnes of billets and 350 000 tonnes of rebar. The facility is planned to start commercial production at the end of 2010.

- *Al Sumood Company*, a casting, forging and coating company based in Basra, issued a tender for a meltshop, a rolling mill and associated utilities in 2008. It would have a production capacity of 432 000 tpy of reinforcing bar.

- *Al-Tanmiya Plant for Steel Industries* rescheduled the launch of its new mill from December 2009 to June-July 2010. The *Al-Tanmiya Plant* will have a 60-tonne EAF supplied by VAI Fuchs, a ladle furnace, a 3-strand continuous caster and a Pomini rolling mill.

- *ArcelorMittal* has signed a memorandum of understanding to establish a joint venture with Turkey's *Dayen* to build a mini-mill in Iraq. The new mill, which will be based on an EAF and initially able to produce 250 000 tpy of rebar utilising locally-sourced scrap, will be located in Sulaimaniyah in the north of the country. *ArcelorMittal* and *Dayen* planned to break ground on the project in the second quarter of 2010, and hope to begin producing from the facility early in the fourth quarter of 2011. Production could eventually be ramped up to 500 000 tpy.

- *Kanoos Group*, an Indian company with operations in Kuwait, is planning to establish a new steel plant in Iraq. It also intends to go into steel production in Kuwait. The Iraqi plant will be located in Erbil, in the northern Kurdish part of the country. The plants will be based on melting scrap to produce reinforcing bars, and total capacity will be 100 000 tpy.

- Korean plant builder *STX Heavy Industries* has signed a memorandum of understanding with the Iraqi government to build a 3 million tpy integrated steelworks in Basra province, in southern Iraq. The works will produce 1.2 million tpy each of hot rolled coil and rebar, plus 600 000 tpy of sections. After the USD 3 billion project is completed, the works will be managed by *State Company for Iron & Steel*.

Jordan

- *Jordan Steel* is expecting to complete its billet expansion by the end of 2010, when the company's billet production capacity is projected to reach 360 000 tpy, from the current 240 000 tpy. The company was expecting to finish the project before the 2008 crisis, but incurred delays.

Kuwait

- India's *Kanoos Group* has decided to keep its prospective *Gulf Steel* plant project in Kuwait on hold until at least the first quarter of 2011 while it concentrates on a similar facility in the Kurdistan region of Iraq.

- Construction has begun at the new billet plant being built by *United Steel Industrial Co (Unisteel)* in Kuwait capable of producing 1 million tpy of steel. Danieli will supply the plant with a 120-tonne EAF, a 120-tonne ladle furnace, and a five-strand billet caster. The company's existing 600 000 tpy rebar capacity will also increase to 1 million tpy when the billet plant is completed in 2010.

Oman

- *Shadeed Iron & Steel* is currently developing a 1.5m tpy gas-based hot briquetted iron (HBI) facility at the Sohar industrial port area in Oman. The company will also install a steelmaking shop including an EAF, for which *Shadeed* had placed an order with China Shougang International Trade Company four years ago. In May 2010, Indian steelmaker Jindal Steel & Power decided to acquire Shadeed.

- *Sharq Sohar Steel*, Omani rebar producer, plans to increase its billet production capacity from 250 000 tpy to 400 000 tpy by 2012. The company commissioned the EAF-based billet plant in 2008.

Qatar

- *Essar Global*, the overseas investment wing of *Essar Steel*, signed a memorandum of agreement with *Qatar Steel* in April 2005 to build a 4 million tpy steel plant in Qatar's Mesaieed Industrial City.

- *Qatar Steel* has signed a deal with plant-building company Siemens VAI to expand its melting capacity by 30%. *Qatar Steel*'s EAF production capacity is currently 1.47 million tpy. The new plant will be commissioned in the second quarter of 2012, and in the following five years the plant's capability to produce semi-finished steel is planned to reach 4 million tpy.

- The *Seashore Group* is to set up its first sections mill, called *Seashore Steel & Pipe*, in Doha. The mill will have a capacity of 120 000 tpy. The company will be producing its own billet and re-rolling them into sections including beams and channels. The company is also planning to build a pipe making plant after the completion of the sections plant.

Saudi Arabia

- *Al Atoun Steel Industries*' USD 265 million steel plant project at Yanbu is on hold due to a delay in the facility's fuel allocation. The 1 million tpy plant is awaiting approval from the Ministry of Petroleum and Mineral Resources. The plant is set to produce 500 000 tpy of steel billets and 500

000 tpy of steel reinforced bars. Completion of the facility has been scheduled for the second quarter of 2012.

- Saudi Arabian long products producer *Al-Rajhi Steel* is planning to invest USD 1.07 billion to increase its capacity to 1.8 million tpy of DRI, 1 million tpy of billet, 1.7 million tpy of rebar, and 200 000 tpy of commercial products such as tubes and pipes. The company has an existing billet capacity of 850 000 tpy in Jeddah.

- The private Saudi-based *Al-Tuwairqi Holding Company* will start production at a new steel complex in 2010. The complex, with a production capacity of 2 million tonnes, will raise the steel billet production capacity of the group to 3 million tonnes. The steel complex, which includes a billet unit, a direct reduction unit and a melt shop, will be called the *Arab Iron and Steel Company*.

- Saudi rebar producer *Al Yamamah Steel* has signed a contract with Danieli for the supply of an electric EAF with 850 000 tonnes annual capacity. The project also includes a 100-tonne ladle furnace, and a five-strand billet caster. Equipment installation began in January 2009 and the complex is scheduled to be launched in the third quarter of 2011. Production should be ramped up to full capacity during 2012.

- *Saudi Iron and Steel Co (Hadeed)* has signed an agreement with Danieli to provide a billet plant and galvanizing line for long products. The plant will be located in Jubail and will initially produce 1 million tpy of billet. Production is scheduled to begin in the second half of 2012.

- *Pan Kingdom Invest Company* is constructing a USD 250 million mini-mill, called *South Steel Co*, in Jizan Economic City. In April 2007, the company chose the German plant-making group SMS to supply a 1 million tpy meltshop and a 500 000 tpy reinforcing bar rolling mill, which is scheduled to be commissioned in mid-2011.

- *United Gulf Steel Mill (UGS)* is investing USD 640 million in a new heavy sections mill. The facility, set to be located in Jubail next to the company's existing 450 000 tpy medium sections mill, will be supplied by Danieli. It will be fed by a new 800 000 tpy meltshop. The new facility is scheduled to come on stream in 2011.

- *Universal Metal Coating (Unicoil)* previously planned to build a 3 million tpy flat products mini-mill. Construction of the works was due to start in the first half of 2008 after final project approval. The initial plan was to have a meltshop with a continuous slab caster fed by a captive DRI plant and a hot strip mill. However, the project does not seem to be progressing.

Syria

- *Damask Metals* plans to install a new meltshop with 75 000 tpy capacity to produce steel billets and a new rolling mill with capacity of 350 000 tpy to produce reinforcing bars and wire rods.

- *General Company for Iron and Steel Products (Hadeed Hama)* is planning to increase its production capacity of billets to 288 000 tpy. A contract has been concluded with the Indian Apollo company to upgrade the meltshop.

- Syrian rebar re-roller *Joudco Steel* will start billet production by the end of 2010. Annual steelmaking capacity of its new billet plant will be 750 000 tonnes. The company has established

a joint venture with foreign partners for the billet plant which will be based in the Adra Industrial Zone of Damascus.

- *Mediterranean Steel Co (MedSteel)* plans to build a new steel plant that is designed to produce 750 000 tpy of square billets in Adra Industrial City.

- Syrian *Hamsho Group* is looking to build a new meltshop in the country. It will go under the name of *Syria Metal Industries* and will provide billet for a new rolling mill in Damascus. The meltshop will have 800 000 tpy billet capacity. Following the start of billet production, the company aims to start its new rebar rolling mill capable of producing 450 000 tpy.

United Arab Emirates

- *Emirates Steel Industries (ESI)* inaugurated phase 1 of a dual phased expansion plan in June 2009. *ESI* is adding a 1.4 million tpy meltshop and a 1.6 million tpy DRI plant, which will start production in December 2010. The company will also construct a 1 million tpy heavy sections mill by the first quarter of 2012. Furthermore, *ESI* will add a 1.2-1.3 million tpy reversing mill as part of its phase 3 investment plans and will also add a 400 000 tpy longitudinal submerged arc welded pipe mill. Both mills will start production in mid-2012. The plate and pipe mill will be fed by a 1.5-1.6 million tpy DRI plant and a meltshop that will have the capacity to produce 1.4 million tpy of slab.

Yemen

- *Al-Rahabi Trading Industrial Group* plans to develop new integrated iron and steel works at a cost of USD 250 million. The new facility will have a production capacity of 1 million tpy.

- Saudi Arabia's *Al-Tuwairqi Group* plans to invest USD 1 billion in Yemen to build steel and power plants. The steel plant will have a capacity of 5 million tonnes of liquid steel. In addition, the company will build a rolling mill which will produce 1 million tonnes of rebar annually. The investment includes installation of a power plant. The plant will operate by 2011.

- *Mukalla Iron & Steel* is building an induction furnace based meltshop (150 000 tpy) and a rebar and light section mill (300 000 tpy). The factory was set to start production in September 2010.

ASIA

Steelmaking capacity in non-OECD Asia is expected to increase by 147.5 million tpy by 2012. China will account for 61% of this increase, with production capacity expanding by 90 million tonnes during this period. The rate of increase in Chinese capacity should moderate, however, over the next few years. Meanwhile, India will account for 28% of the Asian increase and is expected to accelerate its capacity expansion. Several emerging economies, such as Vietnam and several other Southeast Asian economies, have ambitious plans to expand capacity, boosting their importance in regional capacity developments.

In the past decade, China has steadily grown to become the world's largest steel producer, accounting for 46.4% of the world's output in 2009, and is forecast to reach 815 million tonnes of capacity by 2012. The rapid increase in capacity and production, which was led not only by state-owned major enterprises such as Baosteel but also by private backyard smelters, has caused serious environmental consequences because many small and medium-sized steelmakers have not met environmental standards effectively. It has also strained supplies of iron ore and coking coal, pushing up their prices. In light of the situation, the government has introduced a series of policies aimed at constraining capacity. For instance, China's central

government has ordered blast furnaces with capacity below 400 cubic meters and converters/electric arc furnaces below 30 tonnes to be closed by the end of 2011. During 2010, the government plans to close 25 million tonnes of obsolete iron-making capacity and 6 million tonnes of steel production capacity. Currently, China's mills are accelerating their campaign to decommission blast furnaces below 300 cubic meters and BOFs/EAFs below 20 tonnes to meet the government's deadline.

Furthermore, in June 2010, the State Council issued a guideline to advance environmental improvements and industry consolidation in the Chinese steel industry. The government wants 60% of steel production capacity to be controlled by the 10 largest mills by 2015, up from 44% of capacity in 2009. The guideline prohibits local governments from approving projects that increase steel production capacity before the end of 2011. According to various media sources, while such bans are not new and a similar moratorium last year was largely ignored, the latest guidelines strike a tougher tone and include stricter punishments than attached to previous targets.

China

- *Anshan Iron & Steel Group*, based in Liaoning province, and *Lingyuan Iron & Steel Group* expect to commission their 2 million tpy hot rolled steel mill project at Chaoyang city in Liaoning province in 2010. The joint venture will involve a total of USD 822 million in investment. *Anshan Steel* holds a 75% ownership stake in the venture while *Lingyuan Steel* owns the remaining 25%. To win government approval for the project, *Lingyuan Steel* agreed to phase out all of its iron and steel making capacities (2.2 million tpy) after the new project comes on stream.

- *Anshan Iron & Steel Group* is planning to expand its crude steel capacity to 60 million tpy in 2015. *Anshan Steel* currently has 25 million tpy of crude steel capacity, and after it finishes taking over the 8 million tpy *Panzhihua Iron & Steel* operation in Sichuan Province in late 2010 or early 2011 the group's capacity will reach 33 million tpy. The target of 60 million tpy of crude steel capacity also includes the capacity of *Benxi Iron & Steel*, which aims to increase crude steelmaking capacity to 14.6 million tpy by 2012. *Anshan Steel* and *Benxi Steel* began their merger process in 2005, but have made no substantial progress since then.

- Meanwhile, the Liaoning provincial government announced in June 2010 that the merger of *Benxi Iron & Steel* and *Beitai Iron & Steel* has officially begun. The provincial government also announced that the new entity will be named *Benxi Iron & Steel Group*, and will unify the management on the two companies' capital, purchase, sales, investment, research and human resources. The new *Benxi Iron & Steel Group* will have approximately 20 million tonnes of capacity. Therefore, if the merger between *Anshan Steel* and *Benxi Steel* achieves concrete and significant progress, the new *Anshan Benxi Group* will have a total crude steel capacity of 53 million tonnes, which would make the group the largest steel company in China.

- Anyang *Xinpu Iron & Steel*, a privately owned steel mill in Anyang city in central China's Henan province, is expected to start operating its first rolling mill from the end of June 2010. In addition, a second 80-tonne converter is being built and could commence production by the end of 2010.

- *Baotou Iron & Steel* and pig iron producer *Huanghe Gongmao Group* have formed a joint venture to build a 2 million tpy integrated mill for producing wire rods, bars and hot rolled strips at Wuhai city in the northern Inner Mongolia autonomous region. The 51:49 joint venture, known as *Baogang Wanteng Iron & Steel*, was established in September 2009.

- Shanghai-based *Baosteel Group* is targeting capacity of 50 million metric tons by 2012, and 66 million tons by 2015, the Shanghai-based steelmaker said in a statement on its website in June 2010. The company had said in September 2007 that it wanted to boost capacity to 80 million tons by 2012. *Baosteel*, which made 38.9 million tons of crude steel in 2009, will expand capacity partly through mergers and acquisitions, and will focus on improving product and cost competitiveness. For its overseas strategy, the steelmaker plans to focus on raw materials, improving sales and services, as well as building steel plants.

- *Shanghai Pudong Iron & Steel*, a subsidiary of *Baosteel Group*, will commission its second Corex iron making unit in Shanghai's Luojin port area in 2010. The new Corex unit will have a capacity of 1.5 million tpy of hot metal. After the second Corex plant is commissioned, Pudong Steel will bring on stream a 150-tonne converter, a slab caster and a 1.4 million tpy plate mill.

- *Baoshan Iron & Steel*, a subsidiary of *Baosteel Group*, plans to boost capacity at its special steel branch by over 50% to 1.5 million tpy by 2012. The Chinese steelmaker said it will invest USD 1.2 billion in new projects and renovation of existing equipment starting in 2007 in order to reach the capacity target.

- *Baosteel Group Xinjiang Bayi Iron & Steel* commissioned a 2 500 cubic metre blast furnace which will raise pig iron capacity to 6 million tpy in 2009. It has a longer-term goal of becoming a 10 million tpy capacity steelmaker by 2012 and started construction of its No.3 (2 500 cubic metre) blast furnace in February 2010. Currently *Bayi* has 8 million tpy of crude steel capacity.

- *Shanghai Meishan Iron & Steel (Meigang)*, a subsidiary of *Baosteel Group*, will start construction of a new 3 million tpy hot strip mill in the second quarter of 2010. Construction of the hot strip mill's upstream facilities of a converter and a 4 070 cubic metre blast furnace was already started earlier this year. The new hot strip mill is expected to be commissioned in May 2012. Currently, *Meigang* has a crude steel capacity of 3.5 million tpy. After the commissioning of the new hot strip mill, together with its blast furnace and converter, its crude steel capacity will increase to 7 million tpy.

- South China's Guangdong province announced in May 2010 its replacement closure plan for the construction of *Baosteel*'s new greenfield *Zhanjiang integrated steel mill project* which will begin construction soon. The province says it will shut down another 5 million tpy of old steelmaking capacity in three years, including all 3.5 million tpy of the existing plants of *Guangzhou Iron & Steel*, and another 1.5 million tpy steel capacity from *Shaoguan Iron & Steel*. *Baosteel* will soon start phase one of its *Zhanjiang project*, which will give *Baosteel* another 5 million tpy of crude steel capacity. Phase one of the project should be finished in late 2011 or early 2012. The *Zhanjiang project* is planned to be finished in 2015 with a final crude steel capacity of 20 million tpy. In 2008, it was announced that *Baosteel Group*, Guangdong province's State-owned Assets Supervision and Administration Commission (SASAC), and Guangzhou City's SASAC have drawn up a plan to co-invest in a new entity to be called *Guangdong Iron & Steel Group*. According to the plan, the new group will be registered in Guangzhou. *Baosteel* will take an 80% stake in the new group. For the remainder, Guangdong SASAC and Guangzhou SASAC will introduce *Shaoguan Iron & Steel Group* and *Guangzhou Iron & Steel Group* into the new entity to secure them the remaining 20%.

- Meanwhile, *Shaoguan Iron & Steel* will expand its steelmaking capacity to 8 million tpy, once outdated facilities are replaced. The 5 million tpy mill, based in Guangdong province, is planning to do away with three coke batteries, two sintering plants, one converter, two rolling mills, and some smaller blast furnaces.

- In August 2009, private steel producer *Changzhou Zhongtian Iron & Steel* (which manufactures construction products) started building a new steelworks close to the mill's current base. This will almost double its capacity to 10 million tpy by 2011.

- *Chongqing Iron & Steel*, which is relocating from Dadukou district in Chongqing city in order to improve the city's physical environment, will commission its 3 million tpy hot strip mill in *Chongqing*'s Changshou Chemical Zone by the end of June 2010, and thus the company will have a total steelmaking capacity of 6.5 million tpy.

- *Dazhou Iron & Steel Group*, a major rebar and wire rod maker in Sichuan province, started operating a new bar mill in late May 2010, with a capacity of 1.1 million tpy. A new 120-tonne converter to feed the bar mill was put into service in late April, and the commissioning of these new facilities have boosted the company's crude steel and finished steel capacities to about 3.5 million tpy each.

- Northeastern China's *Dalian Jinniu*, a subsidiary of *Dongbei Special Steel Group*, will relocate from its current base at Dalian's Ganjingzi district in Liaoning province. The company plans to increase its capacity to 1.2 million tpy of crude steel and 1.1 million tpy of finished steel by 2010. The existing operation has a capacity of 500 000 tpy of stainless, bearing and spring steel long products.

- *Echeng Iron & Steel*, part of *Wuhan Iron & Steel* is targeting 4.4 million tpy of pig iron, 4.7 million tpy of crude steel and 5 million tpy of finished steel capacity by 2010. Currently *Echeng* has around 3 million tpy of steelmaking capacity.

- Chinese Taipei's *Formosa Plastics Group* has received approval from the Chinese Taipei authorities for its stainless project, *Fujian Fuxin Special Steel*, with *Fujian Sangang Group Co* in Fujian province. The 720 000 tpy project is a 50:50 joint venture with *Sangang Group*.

- Hong Kong-listed *China Oriental Group* said in its annual report that it plans to boost its crude steel capacity to more than 10 million tpy by end of 2010 through mergers and acquisitions. The company's steel capacity reached 7 million tpy in 2009, mostly from its main operation in northern China's Hebei province, *Jinxi Iron & Steel*.

- *Handan Zongheng Iron & Steel* commissioned a 2 million tpy integrated hot rolled coil plant in September 2008 and will put another 4 million tpy HR mill on stream in 2009-2010. The two mills are located in *Zongheng*'s brand new Cangzhou 6 million tpy steel complex near a sea port in the Bohai coastal area. For upstream facilities, the new complex has three 2 500 cubic metre blast furnaces and three 180-tonne converters.

- China's largest steel maker *Hebei Iron & Steel Group (Hegang Group)* is continuing with the integration of its internal assets. In June 2010, the steel giant's listed arm *Hebei Iron & Steel* announced that an agreement had been signed with *Handan Iron & Steel*, also owned by *Hegang Group*, to acquire a 100% stake in *Handan Steel*'s subsidiary *Hanbao Iron & Steel*. When completed, the acquisition will boost *Hebei Steel*'s crude steel capacity by 4.5 million tpy. *Hanbao Steel* commissioned its integrated hot rolled strip mill in late 2008, with the second phase for cold rolled strip to come on-stream by the end of 2010.

- In June 2008, *Tangshan Iron & Steel Group* merged with *Handan Iron & Steel Group* to establish *Hebei Iron & Steel Group* with 32 million tpy of capacity. In 2009, through an exchange of shares, two of Hegang Group's listed subsidiaries, *Handan Iron & Steel Co.* and

Chengde Xinxing Vanadium & Titanium, were integrated into the listed *Tangshan Iron & Steel Co*. Completing the share swap, the expanded *Tangshan Iron & Steel Co.* was renamed *Hebei Iron & Steel Co.* and became the only listed member of the *Hegang Group*.

- *Hegang Group* has shut down about 4 million tpy of old capacity for upgrading. The Group recently disclosed that it is also making preparations on an injection of other unlisted assets including *Xuanhua Iron & Steel* and *Wuyang Iron & Steel* into *Hegang Group*. Currently *Xuanhua Steel* is constructing two 150-tonne converters, which will be set up by August 2010, adding about 3.4 million tpy of crude steel. *Wuyang Steel* is also planning to increase its steelmaking capacity to 6 million tpy.

- *Chengde Iron & Steel*, a subsidiary of *Hebei Iron & Steel Group*, will shut four smaller blast furnaces by 2010. Located in Chengde city in Hebei province, *Chengde Steel* will invest USD 527 million to upgrade its production facilities in 2009 and 2010. The upgrades include the closure of its four blast furnaces with inner volumes below 450 cubic metres. In August 2009, the company commissioned a new 2 500 cubic metre blast furnace that supported its 3 million tpy expansion project and boosted *Chengde Steel*'s capacity to 8 million tpy.

- *Hengyang Valin Steel Tube*, a major seamless pipe producer based in central China's Hunan province, began construction of a new 500 000 tpy mill to produce high-value seamless pipes with diameters of 114-180mm in December 2010. The new plant will be its sixth pipe plant and boost its annual capacity to 2 million tpy. With a total investment of USD 245 million, the project is estimated to start test production in December 2011.

- Inner Mongolia *Huaye Special Steel* operates a 600 000 tpy integrated stainless steel flat and tube plant and plans to boost production to 1 million tpy by 2010.

- *Jiangsu Shagang Group*, China's largest privately-owned steel company, announced in 2009 that it plans to increase its crude steel production capacity to more than 30 million tpy in 2010 mainly through acquisitions. Since 2006, *Shagang* has been acquiring stakes in neighbouring mills. It currently holds a 64% stake in *Jiangsu Huaigang Special Steel*, 25% in *Jiangsu Yonggang Group*, 80% in *Anyang Yongxing Steel*, which plans to increase its steelmaking capacity by 1.5 million tonnes in 2010, and 51% in *Xinrui Special Steel*. Furthermore, *Shagang* acquired *Jiangsu Xixing Group* in January 2010.

- China's largest special steel manufacturer, *CITIC Pacific Special Steel Holdings*, aims to expand its capacity to 9 million tpy in two years while *CITIC Pacific* is in discussions to sell its 65% interest in *Shijiazhuang Special Steel* which has capacity of 2.6 million tpy. *CITIC Pacific* would then expand the capacities of its two other special steel subsidiaries, *Jiangyin Xingcheng Special Steel* and *Hubei Xinyegang Special Steel*. The expansion is estimated to cost about USD 2.8 billion. In 2009, *Xingcheng Steel* completed the construction of the iron and steel making part of two special plate lines, which have a total annual steel production capacity of 3 million tpy. The rolling part of the two lines is now being constructed, with the 3 500mm wide line scheduled for completion in the first half of 2010 and the 4 300mm wide line scheduled for completion in the first half of 2011. *Xinyegang Steel* is starting a USD 586 million upgrade project to boost its special steel capacity to 3 million tpy in the future.

- *Chengde Jianlong Iron & Steel*, a subsidiary of *the Jianlong Steel Group,* will set up a new 1 250 cubic metre blast furnace and two 70-tonne converters. One of the new converters will be used to refine vanadium and titanium products, however. The company's iron and steel capacity will be doubled to 2 million tpy when it completes the expansions.

- *Jinan Iron & Steel* is constructing its third plate mill, together with new upstream facilities including a 3 200 cubic metre blast furnace and a 210-tonne converter. The plate mill with a width of 4 300mm and a capacity of 1.8 million tpy will be commissioned in 2010. Furthermore, *Jinan Steel* will phase out its 350 cubic metre blast furnaces, converters with a volume of 40 tonnes and below, as well as a mill located near the downtown area of Jinan city by 2010. Meanwhile, *Jinan Steel* and *Laiwu Steel* merged in late 2006 to create *Shandong Iron & Steel Group*, which also acquired 67% of *Rizhao Steel* in 2009, but little progress was seen until November 2009 when the shares of both mills were suspended on the Shanghai Stock Exchange. Delisting is in sight for Shanghai-listed *Jinan Steel* or *Laiwu Steel* as *Shandong Steel Group* picks up the pace of the merger.

- *Shandong Iron & Steel Group* and *Rizhao Iron & Steel* signed a consolidation agreement in September 2009 to set up a joint venture, *Shandong Steel Group Rizhao Co*. Under the agreement, *Rizhao Steel* will have a 33% stake in the JV through injection of its steel assets, while *Shandong Steel* will pay cash for the remaining 67% stake. On its list of key tasks the company wants to focus on in 2010 are the integration of *Shandong Steel Group*'s operations and making a breakthrough in its 20 million tpy integrated flat steel mill project at Rizhao. The project has been planned for about two years, but construction has still not begun. *Shandong Steel* has planned to complete building the first phase of the 10 million tpy mill by 2011.

- In March 2010, *Zhangdian Iron & Steel Works*, part of the *Shandong Iron & Steel Group*, started construction of a new 120-tonne converter, to feed the two new wire rod mills, which will be put into operation around October of 2011. The converter will be commissioned by the end of 2010. For now, *Zhangdian* produces rebar and round bar from an existing mill with a capacity of about 1 million tpy, fed by its first 120-tonne converter and a 1 350 cubic metre blast furnace. All these facilities are located at the company's new site in Huantai county, Zibo city, about 10 kilometres north of its old plant in the urban area of the same city. After closing the last blast furnace operated at its old site in March, the company has completed its relocation, which was ordered by the local government in an effort to reduce pollution in the urban area.

- Privately-owned *Jincheng Fusheng Iron & Steel* in Shanxi province has recently started building a new 1.3 million tpy blast furnace. *Fusheng* plans to start hot trials of the furnace in the first quarter of 2010. After this furnace is put into operation, *Fusheng* will build another of the same size to start by the end of 2010. Two new 85-tonne converters will be served by the blast furnaces.

- *Jiuquan Iron & Steel Group*, a major steel supplier in north-western China, plans to add 1.2 million tpy of new long steel capacity at its subsidiary *Yuzhong Iron & Steel* in Lanzhou city, Gansu province. This will include a 600 000 tpy light H-beam mill, a 600 000 tpy bar mill, a 2 800 cubic metre blast furnace, and a 120-tonne converter.

- *Magang Group Holding* is carrying out relocation and an upgrading project in *Maanshan Iron & Steel* and *Magang (Hefei) Iron & Steel*. *Maanshan Steel* will have a new 5 000 cubic metre blast furnace, a 300-tonne converter, and a 1 580mm hot strip mill. *Hefei Steel* will have a new 1 550mm cold strip mill and a galvanising mill. The project will produce 3 million tpy of flat steel. The construction is expected to be completed in early 2011.

- *Nanjing Iron & Steel* is preparing to build a 4 million tpy greenfield steel complex at Jiangsu province's Lianyungang port. It has decided that this new steel complex will house a 5 metre-wide plate mill with 1.5 million tpy capacity. It was reported that the company was still waiting for approval from the provincial National Development & Reform Commission (NDRC).

- *Panzhihua Iron & Steel* has almost finished site preparation work for constructing its 3.5 million tpy greenfield integrated steelworks, *Xichang New Steel Enterprise*, in Sichuan province's Liangshan autonomous region. *Panzhihua Steel* says the new complex could be commissioned by the end of 2011. This works will have 4 million tpy iron making capacity, 3.6 million tpy crude steel capacity and about 3.5 million tpy hot rolled coil capacity. *Anshan Iron & Steel* has completed merger negotiations with *Panzhihua Steel* as part of its plan to form the next 50 million tpy mega-mill in China. However, an *Anshan Steel* official has said that final decisions on matters such as manpower allocation and tax flows at the regional level will come from Beijing as *Anshan Steel* is state-owned. *Anshan Steel*, based in Liaoning, acquired *Panzhihua Steel* and *Dong Bei Special Steel Group* as part of the Beijing-directed consolidation measures laid out in the Steel Industry Reform and Revitalization Plan, which was released on 20 March 2009.

- Northwest China's Shaanxi *Hanzhong Hanjiang Iron & Steel* was formally founded on 28 June 2009 through a combination of *Hanzhong Iron & Steel*, *Lueyang Iron & Steel*, and *Hanzhong Jialing Mining*. On the same day, the newly established company held a groundbreaking ceremony for a 5 million tpy expansion project. Hanzhong city plans to initially consolidate its local steel mills and other affiliated assets before creating a larger steel group by merging them with *Longmen Iron & Steel Group*. The Shaanxi government also wants to build new facilities in the province and replace *Hanzhong Steel* and *Lueyang Steel*'s backward ones. A local government official says that the first phase will be completed by the end of 2010, with the whole project due to finish in 2015.

- *Shaanxi Longmen Iron & Steel* will expand its crude steel capacity to about 7 million tpy by the end of 2010. The company currently has about 4 million tpy of crude steel capacity. *Shaanxi Longmen* is building two 1 280 cubic metre blast furnaces and two 120-tonne converters. Furthermore, *Shaanxi Longmen* is looking to boost its crude steel capacity to 10 million tpy by the end of its twelfth five year plan (2011-2015), to meet large potential demand in north-western China.

- *Shandong Fulun Iron & Steel*, the steelmaking arm of Shandong Jiuyang Group will be making its first foray into wire rod production. Two wire rod lines, each with a capacity of 700 000 tpy are scheduled to start operation in the middle of 2011. Upstream facilities to feed the wire rod lines are expected to start-up before the end of 2010. These consist mainly of one 1 650 cubic meter blast furnace and one 140-tonne converter currently under construction.

- *Shougang Group* has already shut 4 million tpy of crude steel capacity at *Beijing Shougang*'s Shijingshan works. The Group will close the remaining 4 million tpy completely by 2010, when it moves to Caofeidian Island in Hebei where it is building a new integrated works in a 51-49% venture with *Tangshan Iron & Steel* (which is part of *Hebei Iron & Steel Group*).

- *Shougang Jingtang United Iron & Steel*, a 51:49 joint venture between *Shougang* and *Tangshan Iron & Steel*, began its 4.85 million-tpy Caofeidian first-phase commissioning in May 2009. *Shougang Jingtang* will boast annual production capacity of 8.98 million tonnes of pig iron, 9.7 million tonnes of steel, and 9.13 million tonnes of finished products after all projects are complete. The company plans to commission its second blast furnace and four converters during the second half of 2010.

- *Shougang Changzhi Iron & Steel*, which was taken over by *Shougang* in 2009, started a new expansion in March 2010 to boost its crude steel and finished steel capacities each by about 1 million tpy to a combined 3.6 million tpy. These projects are set to be completed within a year.

The mill aims to double its capacity to 6 million tpy by the end of Changzhi's twelfth five-year plan (2011-2015).

- *Shougang* started construction of coke operations, as part of an integrated steel project, in Guizhou province in February 2009. The coke project is expected to come on stream by the end of February 2011, and is estimated to cost about USD 468 million. The integrated project will have a 6 million tpy coking capacity and 5.5 million tpy steel capacity, producing high quality flat steel products. However, it is not certain when the project will be finished. In January 2009, *Shougang* set up a joint venture, called *Guizhou Shouqian Resources Development Co*, to operate the project. Partners include *Guizhou Panjiang Refined Coal Co*, *Guizhou Qiangui Power Co*, and *Shuicheng Iron & Steel*. *Shougang* has a 51% stake in the joint venture, with the other three parties holding stakes of 25%, 15% and 9% respectively.

- *Shougang Shuicheng Iron & Steel*, a subsidiary of *Shougang* in Guizhou province, has kicked off new expansions to boost its crude steel and finished steel capacity to 5 million tpy each, from approximately 3 million tpy each at present. Installation of a new 2 000 cubic meter blast furnace was started in March 2010, which will add about 2 million tpy of iron capacity. This could be shortly followed by construction of a new converter.

- *Shougang Yili Iron & Steel* plans to expand to 2 million tpy by the end of 2011. The *Shougang* subsidiary, which currently produces billet and strip, will be able to produce welded and seamless pipe and rebar with the new facility. Construction has started on the project, which is part of a larger USD 3 billion expansion towards 5 million tpy by 2013 or 2014. The long steel project will be built in Yili, a city in the Xinjiang Uygur autonomous region.

- *Tangshan Shougang Baoye Iron & Steel*, a subsidiary of *Shougang Group*, plans to commission two plate mills in 2010, adding 3.8 million tpy of capacity. *Shougang Baoye* has also ordered three new continuous slab casters as part of its expansion plan to feed its plate mills. Each caster has 1.4 million tpy of capacity. The company, based in Tangshan city, Hebei province, is 65% owned by *Shougang* and 35% by the major private mill *Tangshan Baoye Group*.

- *Shougang Group* has taken over *Tonghua Iron & Steel*, a 6 million tpy steelmaker in Jilin province. China's seventh largest steelmaker has acquired a 77.59% stake in *Tonghua Steel* for USD 368 million, said a *Shougang* official in July 2010. *Shougang* bought the stake from the Jilin branch of the State-owned Assets Supervision and Administration Commission (SASAC), which is now left with a 10% stake in *Tonghua Steel*. The other major shareholder is China Huarong Asset Management Corp with a stake of 10.33%. An SASAC report notes that *Tonghua Steel* hopes to expand to 7.5 million tpy by the end of 2013. In April 2008, *Jilin Iron & Steel Co*, a subsidiary of *Tonghua Steel*, commenced the construction of its 1 450 mm hot rolling mill project.

- *Tangshan Changcheng Iron & Steel Group Yanshan Iron & Steel*, a privately-owned steel mill in northern China's Hebei province, has begun an upstream expansion that will add about 2 million tpy. Commissioning was expected to commence from early 2010. The main facilities to be installed include two 1,080 cubic metre blast furnaces, one 150-tonne converter, and one 8-strand bloom/round billet caster.

- *Tangshan Ganglu Iron & Steel*, a privately-owned steelmaker located in Zunhua city in Hebei province, plans to double its existing 3 million tpy crude steel capacity to 6 million tpy. The company constructed two new medium sized blast furnaces in 2008 and 2009.

- A new steel group, *Tianjin Bohai Iron & Steel Group*, was formally launched on 13 July 2010 in Tianjin. The group is the result of the consolidation of four major state-owned steel makers and was backed by the local government. The crude steel capacity of the new group following the integration will total approximately 22 million tpy. Since some members, such as *Tianjin Metallurgy Group*, are still working on new expansions, total capacity could grow further. The other members of the new group are *Tianjin Pipe Corporation Group*, *Tianjin Tiantie Metallurgical Group* and *Tianjin Iron & Steel*. The group's products include flats, longs, pipes and steel strands.

- *Wuhan Iron & Steel* plans to expand its crude steel capacity to 60 million tpy by the end of 2015 from around 40 million tpy currently. The central Chinese steel producer outlined its output target in its 2011-2015 development plan which it recently presented to the central government, according to local media. The extra 20 million tpy will mainly be produced at *Wuhan Steel*'s *Fangchenggang steelworks*, indicating that this project will likely be commissioned before the end of 2015. Approval from Beijing to begin work at Fangchenggang has not yet been received because of the government's concern about overcapacity in China's steel industry. *Guangxi Iron & Steel Group*, the vehicle facilitating the integration of central China's *Wuhan Steel* and *Liuzhou Iron & Steel* in southern China's Guangxi province, was formally registered in 2008. *Liuzhou Iron & Steel Group* was transferred from Guangxi provincial State-owned Assets Supervision and Administration Commission (SASAC) to the newly registered group, which will mainly be responsible for preparing the Fangchenggang steel project (10 million tpy in the first phase). The preparation work has already started. According to a *Liuzhou Steel* announcement, the registered capital of *Guangxi Iron & Steel Group* is RMB 46.837 billion. *Wuhan Steel* paid RMB 37.47 billion for 80% of the group's share. The Guangxi provincial SASAC introduced *Liuzhou Steel* into the new entity to secure the remaining 20%.

- *Kunming Iron & Steel*, a subsidiary of *Wuhan Steel*, received approval in July 2008 from the National Development & Reform Commission to build an integrated steelworks in Kunming City chiefly to produce flat products. The new complex will have a finished steel capacity of 3.05 million tpy, and is expected to be fully commissioned by 2012, boosting its total crude steel capacity to 10 million tpy.

- *Yangchun New Iron & Steel*, a subsidiary of *Xiangtan Iron & Steel (Hunan Valin Iron & Steel Group)*, commissioned a new 120-tonne converter in February 2010, with a crude steel capacity of about 1.2 million tpy. The new unit is set up to feed an 800 000 tpy bar mill inaugurated at the end of January. These new facilities are both located at the company's new manufacturing base in Yangchun Nanshan Industrial Park in the city of Yangchun. The company already started a second phase expansion at the same site, which will double the company's capacity to about 2.4 million tpy each of pig iron and crude steel within 2010. As *Yangchun* has started its facilities at its new plant, the company's old capacities in the centre of Yangchun city may face closure soon. These capacities include 500 000 tpy of iron, 550 000 tpy of steel and 600 000 tpy of rebar.

- *Xilin Iron & Steel* plans to double its steel capacity to 4 million tpy by the end of 2010. To achieve this, the mill recently commissioned a 1 080 cubic metre blast furnace with a designed 1 million tpy hot metal capacity. It will replace two small blast furnaces of 130 cubic metres each once the new furnace reaches full capacity. *Xilin Iron & Steel* and its subsidiary *Acheng Iron & Steel* aim to achieve a 6 million tpy crude steel and finished steel capacity in the near future.

- *Xingtai Iron & Steel* in Hebei province is entering the stainless market by launching a 350 000 tpy stainless project. The project has been designed to cast around 350 000 tpy of billets in

stainless and special steel grades to feed its wire rod mill. The new plant was slated for commissioning in October 2010.

- *Xiyang Group* plans to build a 1.92 million tpy carbon and stainless hot rolled strip project in Changjiang county in Hainan province. The USD 1 billion project will produce 1.42 million tpy of carbon and low alloy hot rolled strips and 500 000 tpy of stainless HR strips. *Xiyang Group*, headquartered in Liaoning province in the northeast, is a state-owned conglomerate with businesses in refractory products, fertiliser, steel, coal chemicals, and trading.

- *Yunnan Yuxi Xianfu Iron & Steel*, a private bar and wire rod steel producer in Yunnan, intends to expand its steelmaking capacity to 1.5 million tpy from 550 000 tpy by 2010.

Indonesia

- India's largest stainless steel producer *JSL* (formerly *Jindal Stainless*) has dropped out of a 20 000 tpy ferro-nickel and 250 000 tpy stainless steel joint venture project with Indonesia's *PT Aneka Tambang (Antam)*. *Antam* is now studying how best to approach the project post-Jindal, and has not determined estimated dates on construction and commissioning as of yet.

- *PT Delta Prima Steel* plans to start commissioning a 100 000 tpy billet mill in Plehari, South Kalimantan province, in the first quarter of 2011. The plant will have DRI facilities and construction of the plant will start in early 2010, with plant feed supplied from *PT Delta Prima Steel*'s mine nearby.

- *PT Indoferro* plans to build a 600 000 tpy steel billet plant at Cilegon, in the Javanese province of Banten. The project involves the installation of a 450 cubic metre blast furnace and 40-tonne BOF. The company has postponed the commissioning of its blast furnace from 2010 to 2011.

- Indonesian state-owned company *Krakatau Steel* is aiming to seal an agreement in early May 2010 with Korea's *Posco* to set up a joint-venture company for a proposed 6 million tpy integrated steel plant at Cilegon-Banten, West Java. The first phase will yield a 3 million tpy capacity of slab, hot rolled coil and plate mill and is estimated to cost around USD 3 billion. The total investment for the project is USD 6 billion, and start-up is planned for late 2013 or early 2014.

- *Mandan Steel* has signed a memorandum of agreement with China's *Zhengzhou Yongtong Special Steel* to jointly operate *Mandan*'s 1 million tpy billet plant in Indonesia's Kalimantan province. *Mandan Steel*, which is a subsidiary of Hong Kong-listed *China Nickel Resources Holding*, hopes to commission the project in the first half of 2011. It plans to expand the billet plant's capacity to 3 million tpy in a later phase of the project.

- *PT Aneka Tambang (Antam)* has halted a joint venture with China's *Tsingshan Holding Group* to develop nickel deposits at Obi island, and to build a 300 000 tpy integrated ferro-nickel and stainless steel mill. This was due to the South Halmahera regional government withdrawing the mining licence.

Laos

- China's *Kunming Iron & Steel Group* started the first phase of construction on its 500 000 tpy long products steel mill project, *Lao Iron & Steel*, in May 2010. The first phase of the project is expected to be completed in the second half of 2011 with a production capacity of 200 000 tpy.

Production capacity is expected to reach 500 000 tpy after completion of the second phase of construction, which has yet to be scheduled.

Malaysia

- *Ann Joo Steel Bhd* has recently finished upgrading its 90-tonne EAF shop, lifting billet capacity to 800 000 tpy from 750 000 tpy previously. In addition, the company will start its 500 000 tpy blast furnace in the second half of 2010, boosting its billet capacity to 1.2 million tpy.

- *Acerinox* and its Japanese business partner *Nisshin Steel* are to build a new stainless steel mill, *Bahru Stainless Sdn Bhd*, in Malaysia. The plant will start its cold rolling operation in the second half of 2011. In the first phase, the Malaysian unit's production capacity will amount to 240 000 tpy; of this, 180 000 tpy will be cold rolled products. A 1 million tpy meltshop will be built and cold rolling capacity lifted to 600 000 tpy in the future.

- *Eastern Steel Sdn Bhd* plans to construct a mini blast furnace with a 530 cubic metre inner volume and a slab caster with 700 000 tpy capacity in the first phase to be completed by 2012-2013. In the second phase, a hot strip mill of around 350 000 tpy capacity will be installed.

- *The Lion Group* plans to start operating its first blast furnace with a capacity of 2.5 million tpy in the third quarter of 2010. The blast furnace addition to its Banting steel complex will increase feedstock to Lion's two mills within the complex, long producer *Amsteel Mills* and flat producer *Megasteel*. In addition to the blast furnace project, the Group is planning to install another 1.6 million tons capacity consisting of an LD converter, a ladle furnace, a slab caster and a medium-size plate mill. The investment amounts to MYR 1.75 billion. The 1.6 million tpy slab caster and 1.6 million tpy plate mill will be installed after the blast furnace project is completed.

- *Maegma Steel HRC Sdn Bhd*, a subsidiary of *Melewar Industrial Group,* intends to construct a DRI-based mini-mill at Lumut in West Malaysia to produce hot rolled coil.

- *Perwaja Steel* is planning to commence operation of its new 750 000 tpy capacity EAF in the second half of 2010 in tandem with signs of recovery in both local and global steel demand. It had originally planned an October 2009 start-up.

Myanmar

- *The No.4 Steel Plant (Mingyan Steel Plant)*, built by the Myanmar Economic Corporation under the Defence Ministry, was opened in March 2010. Located near Hsakha village, the *Mingyan* plant can produce over 200 000 tons of steel billets and slabs a year, to increase to 400 000 to 500 000 tons in the future.

North Korea

- China's *Tangshan Iron & Steel* has planned a 1.5 million tpy steel joint venture in North Korea, which would make it the first Chinese company to develop a steelmaking project in the country. The company signed a letter of intent with the government concerning the construction of the project. However, the project does not seem to be progressing.

The Philippines

- *Global Steel Philippines* is considering backward integration of its plant at Iligan, in Mindanao (in southern Philippines), to build an integrated steel works with a capacity of 3.6 million tpy of slabs for its rolling mills. However, the company admits that the project is still in the planning stage, and no completion schedule has been decided.

- *TKC Steel Corp* is in the completion phase of construction of a blast furnace and ore beneficiating plant. The facility was projected to move into commissioning phase in the third quarter of 2010. The new facilities are being installed at *TKC*'s *Treasure Steelworks*, which already has a 400 000 tpy EAF meltshop. When completed, the two mini-blast furnaces will push molten steel capacity to 700 000 tpy. It would also make the billet producer the first integrated steel operation in the Philippines.

Chinese Taipei

- Mini-mill steel producer *Dragon Steel Corp*, a subsidiary of *China Steel Corp (CSC)*, blew in its new 2.5 million tpy blast furnace in February 2010 at its Taichung works. A 3-3.5 million tpy hot rolling mill was expected to be commissioned later in the spring. The second phase will see another blast furnace built and 2.5 million tpy of raw steel capacity added in 2012. When the two blast furnaces and three converters are fully operational, *Dragon Steel*'s capacity will top 6 million tpy.

- *Formosa Plastics Group*'s proposed 7.5 million tpy integrated steel project in Yunlin has been delayed for at least another two years after it failed to pass a review by the Environmental Protection Administration (EPA).

- *LoToun Steel* will start a new 700 000 tpy EAF in 2010 in Yilan County. In the project's second phase, the company plans to install a rolling mill.

- Trial production is continuing at *Tung Ho Steel*'s new Guanyin steelworks in Taoyuan County. Its rolling mill was expected to be commissioned in June 2010. The steelworks includes an EAF-based melting and casting shop capable of producing 1million tpy of billets. It also hosts 800 000 tpy rolling capacity for rebars and other long products. The Guanyin works will replace *Tung Ho*'s Bade plant which has enough capacity to produce around 500 000 tpy of billet and 600 000 tpy of rebars.

- Stainless wire rod producer, *Walsin Lihwa Corp*, which has 350 000 tpy melting capacity at its Yen Shui works, is revamping its meltshop to boost capacity to 400 000 tpy by 2011.

- *Yieh Hsing Enterprise* commissioned its 300 000 tpy wire rod and rebar plant in Pingnan in April 2010. After being stopped in mid-2001 when the company ran into financial difficulties, the Pingnan plant was restarted in September 2009 with commissioning planned for the second quarter of 2010. Meanwhile, there has been little progress with the company's plans to build a meltshop in Pingnan. Yieh Hsing has had a Danieli meltshop on order but the project is at a standstill because of prolonged talks with local environmental authorities.

Thailand

- *Mill Con Steel Industries (MCSI)* plans to invest THB 2.9 billion in a melting shop to support its long products rolling operations. The investment will be made through its 83.78% subsidiary, *BRP Steel* (formerly *Burapa Steel*), while *MCSI* also plans to spend THB 200 million to purchase an additional 10.1% of *BRP Steel*. The project is scheduled to commence in the final quarter of 2011.

- *Sahaviriya Steel Industries* planned to construct a new integrated steel plant with capacity of 4.5 million tpy of hot metal and 5 million tpy of slab and billet. However, the project was recently delayed due to political instability.

- Long products steelmaker *Siam Yamato Steel* started commercial operations at its No. 2 sections mill in March 2010. The 400 000 tpy capacity mini-mill plant in Map Ta Phut in Rayong province had faced setbacks last year due to changes the Thai government was making to environmental protection guidelines. Bangkok had suspended 65 projects which required environmental approvals. Among these was the No. 2 mill, where production was supposed to have started in the last quarter 2009. Thailand's central administrative court gave its approval in December 2009 for Siam Yamato to start operations.

- The Thai government's proposed *7 million tpy blast furnace-based steel project* in southern Prachuab Province has stalled following protests. As a result, the ongoing feasibility study, which includes crude steel capacity of 2-4 million tpy in the first phase of the project, will not be completed as scheduled.

- *Thai Intersteel*, a Thai-Chinese JV project, plans to build a 350 000 tpy billet plant in Phetchaburi.

Vietnam

- Malaysian stainless steel fastener producer *Tong Herr Resources* is to build a USD 180 million billet plant at Phu My II Industrial Zone in Tan Thanh district in Ba Ria Vung Tau province. *Tong Herr* will invest USD 20 million for a 37.04% stake while four Chinese Taipei investors will contribute USD 34 million cash for a 62.96% stake in the joint venture company, *Fuco International*. *Fuco International* will then be injected into another joint venture company, *Fuco Steel*, for a 90% stake in the steel plant, while *Tong Hwei Investment* will invest USD 6 million for the remaining 10% stake. The plant is expected to be completed by 2011.

- *E-United* and *Tycoons Worldwide* have resumed work on their proposed integrated steel project at Dung Quat Industrial Zone, in Quang Ngai province. Start-up for the project's first phase of 3 million tpy of crude steel capacity is scheduled for 2013 with a second phase eventually lifting overall capacity to 5 million tpy. This project is struggling to secure land in time, with just 223 hectares of a proposed 455 hectare site so far handed to E-United, which will own 90% of the project.

- Chinese Taipei's *Formosa Plastics Group* has advanced its planned integrated steel mill project in Vung Ang in Ha Tinh province and is on schedule to fire its first blast furnace around March 2013. The Vietnamese government has cleared most of the land at the Vung Ang site as promised. Though not cleared in full, the land remaining to be cleared will not impede the first stage of construction, when Formosa plans to build three blast furnaces with capacity of 3.75

million tpy each. Completion of phase one of the project is also expected to lead to production of hot and cold rolled coils as well as wire rods.

- *Hoa Phat Steel* started its 350 000 tpy rolling operations in north Vietnam's Hai Duong province in 2009 and is due to start-up its 370 cubic metre blast furnace and 350 000 tpy meltshop in 2010. Following completion of the first phase, the facility will host one mini blast furnace, one BOF and a rebar and wire rod rolling mill. The company also plans to install a second 350 cubic metre blast furnace in a second phase to raise billet capacity to 700 000 tpy at the new complex.

- *Hoa Sen (Lotus Steel)* is planning to start an 800 000 tpy EAF to produce slab, with construction due to begin in 2011. The company is also targeting a hot strip mill, scheduled to start production in 2013, and production at its slab plant in 2014. There are also plans to install another 500 000 tpy EAF and a continuous billet caster, with production expected to start in 2014.

- *Hung Thinh Phat* plans to build a 500 000 tpy EAF-based meltshop to produce billet in Phu Tho by 2010.

- Malaysia's *Lion Group* will require some time to finalise its project to set up a USD 9.8 billion integrated steel mill, proposed to be located at Ninh Thuan. The People's Committee of Ninh Thuan province has asked *Lion* to confirm its capability to continue with the project. This is because the project has not progressed since *Lion* and *Vietnam Shipbuilding Industry (Vinashin)* held a groundbreaking ceremony in November 2008.

- Construction of the *Nghi Son Iron & Steel* facility started in March 2008. When completed, it is expected to produce up to 750 000 tonnes of steel ingot per year.

- *Posco* continues to plan building an integrated steelworks in Vietnam, despite agreement with Indonesia's PT Krakatau Steel to build such a works in Indonesia. *Posco*'s plan for Vietnam envisages a 4 million tpy works in the Van Phong bay area to incorporate its Finex iron-making technology. *Posco* had initially planned to start construction by April 2010, but in November 2008 the Vietnamese government asked the company to find another location.

- *Posco Specialty Steel*, a fully-owned subsidiary of Posco, plans to build a 1 million tpy EAF-based carbon steel sections plant in Phu My 2 Industrial Zone, in the Tan Thanh district of Ba Ria-Vung Tau.

- Australia-listed *Vietnam Industrial Investments (VII)* expects to finally begin work on its 500 000 tpy billet plant in Haiphong during the fourth quarter of 2010. The Vietnamese government approved the project in February 2008. The billets would be primarily used in-house, being supplied to the group's re-rollers *SSESteel* and *Vinausteel*.

- *Tata Steel* expects to soon receive an investment licence for its USD 5 billion integrated hot rolled coil project in Ha Tinh province. The first phase is expected to consist of a cold rolling mill to be completed by 2012. In the second phase, a planned 2.2 million tpy hot rolled coil plant fed by an upstream facility should be operational by 2013-2014. *Tata* is taking a 65% equity share in its steel project, with *Vietnam Steel Corp* holding 30% and *Vietnam Cement Industries Corp* 5%.

- *Thai Nguyen Iron & Steel* is in the process of installing a third blast furnace to raise billet capacity from its existing 300 000 tpy to around 800 000 tpy. This new furnace, to be supplied by China Metallurgical Group Corp, will be completed in the first quarter of 2011.

- *Pomina Steel Holdings* has recently ordered a new 1 million tpy meltshop for its plant at Phu My Industrial Zone I in Ba Ria-Vung Tau. The new meltshop will host a 120-tonne EAF and will start producing billets in end-2011.

- *Van Loi Steel Group* plans to produce 1.5 million tpy of billet by end-2009 and 2 million tpy by end-2010 through construction of several new iron and steel making facilities. However, the company has experienced project delays. Van Loi is now running its Haiphong plant, where operations include a 500 000 tpy EAF meltshop and a 250 000 tpy rolling mill.

- *Vietnam Steel Corp (VSC)* officially asked local authorities from Can Tho for permission to rent 50 hectares to build a steel mill in the Hung Phu I industrial zone. The mill has a designed capacity of 550 000 tonnes of steel billet and 500 000 tonnes of rolled steel per year, which is expected to come into operation by 2013. The project is estimated to cost USD 200-250 million.

- *Vietnam Steel Corp (VSC)* intends to build a 500,000 tpy billet plant in Bao Thang district of Lao Cai province. This project, which will involve a 500 cubic metre blast furnace and a 50-tonne basic oxygen converter, is a joint venture with China's *Kunming Iron & Steel*. Both steel companies have a 45% equity share in the project and *Lao Cai Mining* the remaining 10%. The plant is expected to be commissioned in the end of 2011.

Bangladesh

- *Bangladesh Steel Rolling Mills (BSRM)* is planning to build a new billet plant. BSRM will be constructing the 150 000 tpy billet plant in the south-eastern port city of Chittagong, and initially will install two 25-tonne induction furnaces.

- India's *Essar Steel Holdings* plans to set up a 2 million tpy steel plant using natural gas as the main source of fuel. The steel plant, estimated to cost USD 2 billion, will make both long and flat products. *Essar Group* will have a 60% stake in the company, with the remainder held by *S Alam Group*, *PHP*, *KDS* and *Abul Khair*.

Pakistan

- *Abbas Steel Group* is in the process of putting up a mini-steelworks near Karachi with a capacity of 500 000 tpy. The Group's companies currently operate 200 000 tpy of bar rolling capacity. The Group will also add 300 000 tpy of rolling capacity. The new plant is expected to start production by 2010.

- *Ittehad Steel* is planning to raise production capacity to 500 000 tpy over the next three years. Ittehad is in the process of setting up a new state-of-the-art re-rolling and EAF facility at Faisalabad that will add another 150 000 tons by the end of 2009. In addition, Ittehad is in the development phase of a modern mini-mill at Chakri, Islamabad, for its flagship plant with capacity of 350 000 tpy. The plant is expected to be commissioned by mid-2011.

- Pakistan's prime minister recently approved a bailout package for the country's state-owned producer *Pakistan Steel Mills*. The amount of the package, however, has not been clarified yet. Also, it has not been confirmed whether the package will involve equity funding, bank loans or some other form of funding. A meeting between the prime minister and the company's chairman concluded that *Pakistan Steel* will not be privatized, but will be modernized and expanded to raise capacity initially from 1.1 million tpy to 3 million tpy.

- *Tuwairqi Steel Mills Ltd* is close to completing construction of its 1.28 million tpy capacity direct reduced iron plant at Bin Qasim, Karachi. In the second phase it plans to build an EAF meltshop. Steel billets production will be carried out during both phases of the project. During the first phase, 300 000 tpy of steel billets will be produced using induction furnaces. This production capacity will be increased by 700 000 tpy during the second phase.

India

- *Aaress Iron & Steel Ltd (AISL)*, part of the private sector iron ore mining and export company *MSPL*, is setting up a 5 million tpy steel plant in Koppal, Karnataka state. The first phase of construction has already started and is to be completed by December 2010. This phase consists of installing 1.2 million tpy of capacity to start production of alloy steel grade billet and wire rod. The company plans two additional phases to take capacity to 5 million tpy by 2013.

- *Adhunik Group* is planning to set up a 1.1 million tpy integrated steel plant in Purulia district, in West Bengal. The company has signed a memorandum of understanding with the government of Karnataka to build a 2.2 million tpy steel plant in the Raichur district of Karnataka.

- *AML Steel* has plans to set up an integrated steel plant at Jharkhand. When all the proposed three phases are completed, the plant will have a capacity of 2 million tpy. A memorandum of understanding was signed with the State of Jharkhand wherein the government will allocate iron ore mines as well as coal mines.

- *ArcelorMittal* has made little progress in advancing the two 12 million tpy mills that it proposed to build in Orissa and Jharkhand. As a result, the company has shown interest in other opportunities in India though still hopes to begin work on these two separate integrated steel projects. *ArcelorMittal* signed a memorandum of understanding with the government of Karnataka state in June 2010 to build a 6 million tpy integrated steel mill in the iron ore rich region of Bellary. The plant will entail an investment of nearly USD 6.4 billion.

- *Bhushan Power & Steel (BPSL)*, which operates a 1.5 million tpy integrated steel mill with two 100-tonne EAF's in Orissa, is expected to attain a final capacity of 2.8-3 million tpy by early 2011. Two more EAFs will be commissioned by June and a fifth EAF by December 2010. The company is also working to acquire land for its proposed 3 million tpy integrated steelworks in Jharkhand.

- *Bhushan Steel Ltd (BSL)* is developing its Orissa project in two 3 million tpy stages. The first phase was completed in March 2010 while the second phase is scheduled for commissioning by mid-2012. *BSL* also plans integrated steel mill projects in Jharkhand (3 million tpy), West Bengal (6 million tpy) and Karnataka (6 million tpy).

- *Brahmani Industries* announced plans to build a 2.5 million tpy steelworks in Kadapa, Andhra Pradesh in early 2007. About 50% of the construction of the first 1.25 million tpy phase has been completed. The company will also invest around USD 7.6 billion for the construction of a new steel plant with a capacity of 6 million tpy.

- Chinese trading house *Sinosteel*'s 5 million tpy greenfield steel project in Jharkhand has been delayed as the government has not allocated the land needed. *Sinosteel* had initially expected to finalise the integrated steel plant's location in 2007. The company also plans to commission a 1 million tpy steel plant in West Bengal by 2011 in a 50:50 joint venture with an Indian party.

- *Corporate Ispat Alloys Ltd (CIAL)*, part of the *Abhijeet Group*, started the first phase of its integrated steel plant project in Seraikela-Kharsawan district of Jharkhand. *CIAL* had signed a memorandum of understanding with the state government for setting up a 2.5 million tpy integrated steel plant. *CIAL* hopes to start production of a 500 000 tonne steel in the first phase in 2010.

- *Electrosteel Integrated Ltd* is on track to commission its integrated steel plant in Jharkhand by fiscal year 2010-11. It is expected to produce 700 000 tpy of billet, 500 000 tpy of wire rod and 300 000 tpy of ductile iron pipe. The remaining 700 000 tpy of liquid steel will be used either for pig iron or additional merchant billet production.

- *Essar Steel* expects to soon commission a new blast furnace, a key component in its project to ramp capacity up to 9-10 million tpy from 4.6 million tpy at the Hazira steel plant by 2010. The company will also implement its greenfield steel mill projects: a 3.2 million tpy plant in Chhattisgarh, a 6 million tpy plant in Jharkhand, a 6 million tpy plant in Karnataka, and a 6 million tpy plant in Orissa.

- *Facor Group*, a major producer of chrome ore, chrome, and manganese alloys in India, is planning construction of a 500 000 tpy stainless steel facility in Orissa, next to its existing ferro-chrome plant.

- Indian iron ore miner *H.L. Nathurmal* is planning to build an integrated steelworks in the southern state of Karnataka by 2012-13. It plans to make 1 million tpy of bars and wire rods. Nathurmal produces 50% Fe iron ore fines and lumps at its two mines in Arvalem and Vantem, Karnataka.

- Stainless and alloy steel wire/rod producer *Hospet Steels*, a joint venture between *Kalyani Steels* and *Mukand Ltd*, is adding 450 000 tpy of special steel capacity in Karnataka.

- *Ispat Industries* plans to increase the capacity of its Dolvi plant to 5 million tpy by fiscal year 2011-12, and is set to increase its total capacity to 10 million tpy by fiscal year 2013-14. The company's plans include setting up a 2.8 million tpy integrated steel plant in Jharkhand. The company signed a Memorandum of Understanding with the Jharkhand government in 2007 for an integrated plant.

- *Jai Balaji Industries* plans to raise funds from equity investors for its proposed greenfield steel project in Purulia district, West Bengal. The plant is expected to be commissioned by 2012. The total project will include a 5 million tpy integrated steel mill in two phases as well as a 1 215 MW captive power plant and a cement plant. The company has also signed a memorandum of understanding with the Chhattisgarh state to build a 1 million tpy steel plant.

- *Jayaswal Neco* plans to build a second 1 million tpy steel plant in Raigarh, in Chhattisgarh state. The proposed plant will have a 300 000 tpy steel-making unit and a 35MW captive power plant in the initial stage. The company has also has signed a memorandum of understanding with the government of West Bengal to build a 3.2 million tpy integrated steel plant.

- *Jindal Steel & Power Ltd (JSPL)* has plans to expand its Raigarh plant to a capacity of 6 million tpy. It also has plans for two greenfield projects in Orissa and Jharkhand with proposed capacity of 6 million tpy each. The first phases of the Orissa and Jharkhand projects are expected to be completed in 2012.

- *JSL Ltd* has raised USD 55 million in equity to fund the stalled second phase of its 800 000 tpy integrated stainless steel plant at Kalinganagar in Orissa state. The second phase of the steel plant was put on hold in early 2009 due to the economic crisis. Phase two of *JSL*'s integrated steel plant will include an 800 000 tpy steel meltshop, comprising two 100-tonne EAFs, and a 525,000 tpy blast furnace. The meltshop and blast furnace are expected to be completed by March 2012.

- *JSW Steel* is targeting an increase in total crude steel capacity to 11 million tpy by March 2011. This would be achieved through an ongoing expansion at its Vijayanagar plant in Karnataka where *JSW* is looking to boost capacity from 6.8 million tpy presently to 10 million tpy. Furthermore, the company will begin to build its 10 million tpy West Bengal greenfield project, while it is also in the process in acquiring land for a similar project in the state of Jharkhand.

- *Kalyani Steels* has restarted its move to set up a special steel plant and power plant project near Panagarh in West Bengal. It signed a memorandum of understanding to build a 1 million tpy special steel plant and other facilities in West Bengal in February 2008.

- State-owned iron pellet producer *KIOCL Ltd* has shortlisted an equity partner for its proposed joint venture for setting up an integrated steel plant in Karnataka. *KIOCL* will start with 1.5 million tpy expandable to three million and later to 15 million tpy.

- *Maharashtra Seamless Ltd (MSL)*, India's largest seamless pipe producer, plans to build a 500 000 tpy steel plant to supply round billet for its pipe-making. The proposed plant at Kunekere in Koppal district of Karnataka state is expected to require an investment of around USD 609 million, which will be funded through debt, reserves and internal accruals.

- *Mesco Steel Group* plans to invest around USD 2.8 billion to set up two steel plants in Orissa: a brownfield expansion with 3.5 million tpy steelmaking capacity at its existing pig iron plant and a new 3 million tpy greenfield steel mill project.

- Sponge iron manufacturer, *Monnet Ispat & Energy Ltd (MIEL)*, expects to commission the first blast furnace at its 1.5 million tpy brownfield integrated steel mill at Raigarh in Chhattisgarh by December 2010. *MIEL* plans to commission another blast furnace of similar capacity, taking total crude steel production at Raigarh to 1.5 million tpy.

- Hyderabad-based *Navyug Steel* has proposed to set up a 12 million tpy steel complex in Astaranga, spanning more than 4 000 acres. Construction will take place in four phases with an investment cost of INR 340 billion.

- *Neelachal Ispat Nigam Ltd (NINL)*, a 1.1-million-tonne pig iron joint venture between India's *Minerals & Metals Trading Corporation (MMTC)* and the Orissa state government, is planning to set up a 900 000 tpy steelmaking plant and a 700 000 tpy bar and rod mill. It was expected to come into operation in the second quarter of the 2010-2011 fiscal year.

- *Neo Metaliks* has proposed a 1.5-million tonne steel plant in West Bengal. The proposed plant will be located in the Burdwan District of West Bengal. The first phase of the integrated steel plant project involves building a mini blast furnace of 215 cubic metres, to produce 150 000 tpy of pig iron, and a captive power plant with 4.5 MW of capacity.

- Indian state-owned iron ore miner *National Mineral Development Corporation (NMDC)* is planning to set up a 2 million tpy steel plant in southern Karnataka. The Karnataka state government has already allocated 2 500 acres of land in the Bellary/Hospet area. The integrated

plant would be *NMDC*'s second steel facility, following a proposed 3 million tpy plant in the central Chhattisgarh state which is expected to be operational by 2014.

- *Orissa Sponge Iron & Steel* plans to venture into steelmaking with a proposed 1 million tpy steel mill. The proposed mill will produce steel via EAF and DRI routes.

- Korea's *Posco* signed a memorandum of understanding (MoU) with the government of Orissa in June 2005 to construct a greenfield 12 million tpy integrated steel plant in the state. Currently the project is delayed as the company has been facing a number of impediments. Meanwhile, *Posco* signed a MoU with the government of Karnataka to set up a 6 million tpy integrated steel plant in the Bagalkot district. Furthermore, *Posco* is exploring a joint venture with *Steel Authority of India (Sail)* for building a 3.5 million tpy integrated steelworks based on *Posco*'s Finex technology on surplus land at *Sail*'s mill at Bokaro in Jharkhand.

- *Prakash Industries* plans to add 600 000 tpy of DRI capacity and 450 000 tpy of steelmaking capacity by March 2011. It plans to raise INR 5 billion in the domestic and foreign markets to fund its INR 8 billion plan to expand DRI and steel capacities to more than 1 million tpy each.

- India's state owned *Rashtriya Ispat Nigam Ltd (RINL)*, operator of the *Vizag Steel Plant* in the south-eastern state of Andhra Pradesh, is proceeding with plans to lift melting capacity to 6.3 million tpy. The expansion is to be completed by mid-2011.

- *Rathi Steel & Power Ltd*, formerly known as Rathi Udyog Ltd, plans to invest INR 20 billion to raise the steel capacity of its Orissa plant to 1.2 million tpy. In 2008, the company commissioned the first phase of its Orissa plant comprising of a sponge iron plant, a captive power plant and a meltshop to manufacture steel billets with a capacity of 150 000 tpy.

- *Ruchi Group* signed a memorandum of understanding with the Orissa government for establishing a 3 million tpy steel plant in 2006. The company also submitted a proposal to the Bengal government to set up a 1 million tpy integrated steel plant in the state.

- *Steel Authority of India Ltd (SAIL)* is modernizing and expanding its existing steel plants in order to increase crude steel production capacity to 21.4 million tpy by 2012, and when all expansion programs are finished its capacity will reach 24.6 million tpy. The plant expansions will amount to around 3 million tpy in Bhilai, 2.6 million tpy in Bokaro, 0.4 million tpy in Durgapur, 2.0 million tpy in IISCO, 2.3 million tpy in Rourkela, and 0.2 million tpy in Salem.

- *Shyam SEL & Power Ltd* is to build a greenfield 1.1 million tpy integrated steelworks for long products at Jamuria in West Bengal's Burdwan district. However, the company is faced with coal shortages. According to the company, it has started construction at the Burdwan site but it has not been allocated coal blocks from the local government, essential for running the plants.

- *Shyam Steel Industries* signed a memorandum of understanding with the government of West Bengal in February 2008. The Group plans to set up two greenfield integrated steel plants – one at Raghunathpur in the Purulia district, with a 1.1 million tpy capacity, and another at Kharagpur in West Midnapore, with capacity of 600 000 tpy.

- The *National Mineral Development Corporation (NMDC)* has approved of a merger with the state-owned DRI producer, *Sponge Iron India Ltd (SIIL)*. Following the merger, *NMDC* made plans to increase *SIIL*'s rated DRI capacity to 260 000 tpy from the current 60 000 tpy. It also intended to forward integrate by building a 240 000 tpy steel mill in Andhra Pradesh.

- *Steel Exchange India Ltd (SEIL)* expects to commission new steelmaking capacity at its Vizianagaram works in the southern state of Andhra Pradesh by August 2010. The works will be capable of producing about 240 000 tpy.

- Indian pipe producer *Surya Roshni Ltd* is integrating upstream through a 5 million tpy integrated steelworks in the southern state of Karnataka. Through its affiliate *Surya Vijay Nagar Steel & Power Ltd*, the company signed a memorandum of understanding with the state government for a 3 million tpy plant.

- Pig iron producer *Tata Metaliks*, a subsidiary of *Tata Steel*, has signed a memorandum of understanding with the Karnataka state government for building a 3 million tpy steelworks at Haveri. The two firms will collaborate on the project but expect to start work only after iron ore mines have been allotted.

- *Tata Sponge Iron Limited* is planning to construct a 1.5 million tpy steel plant at Beliapada in Orissa. The High-Level Clearance Authority of Orissa has approved the project.

- *Tata Steel* commissioned its 1.8 million tonnes of crude steel making capacity at the Jamshedpur plant during the financial year 2008-09. Capacity will be raised by an additional 2.9 million tonnes by 2011 through an ongoing brownfield expansion. *Tata Steel* also plans to construct three greenfield steel plants in India: a 5 million tpy plant (achieving 2 million tpy in the first phase) in Chhattisgarh, a 12 million tpy plant (6 million tpy in the first phase) in Jharkhand and a 6 million tpy plant (3 million tpy in the first phase) in Orissa.

- *Uttam Galva Steels* signed a memorandum of understanding in October 2006 with the Orissa state government to set up a fully integrated 3 million tpy hot strip plant in Orissa. The company is also planning a 1 million tpy integrated steelworks in Satarda in the western state of Maharashtra in a joint venture with *ArcelorMittal*, according to local reports.

- *Vedanta Resources*, owner of India's largest privately-owned iron ore miner Sesa Goa, has firmed up plans to build an integrated steelworks in the eastern Indian state of Orissa. *Vedanta* has been planning an integrated steel plant in Orissa for some years, and in early 2008 identified a possible site in Keonjhar district. *Vedanta* put its plans on hold in September 2008 but decided to revisit them in July 2009 when it decided to build the works through Sesa Goa.

- *The Videocon Group* has been unable to start work on its INR 210 billion steel project in Durgapur, in West Bengal, until it secures coal linkages. The 3 million tpy project, which includes a 1 200 megawatt captive power plant, has been delayed for the last two years.

- India's largest producer of stainless steel long products, *Viraj Group* is building an 850 000 tpy stainless steel flat products mill near Mumbai at a cost of USD 670 million.

- *Visa Steel* will commission the first phase (500 000 tpy) of a 1.5 million tpy integrated steel plant in Orissa state from 2010. The company has also signed a memorandum of understanding with the Chhattisgarh state government to build a 2.5 million tpy integrated steel plant.

- Pig iron producer *VSL Steels* plans to construct an additional blast furnace and a 400 000 tpy steel melting shop with rolling mills.

- *Welspun Power & Steel Ltd (WPSL)* has firmed up plans for a greenfield slab plant in Maharashtra by signing a memorandum of understanding (MoU) with the state government in

August 2009. The 1.5 million tpy plant, which *WPSL* has been planning since May 2008, should start up by April 2012. The company also signed a MoU in October 2006 with the Orissa government for building a 3 million tonne steel plant.

- *China National Metal Products Imp & Exp Co*, a subsidiary of *China Minmetals Corp*, and *Xinxing Heavy Industry Co*, a subsidiary of *Xinxing Ductile Pipes Group*, are to build a 2.5 million tpy steelworks in the southern Indian state of Karnataka. *Xindia Steels Ltd* was founded in February 2008 in India, with the Chinese companies holding 55%. The Indian partners are *Sigma MinMet Ltd*, *Manasara Group* and *Kelachandra Group*.

Table 1. Non-OECD crude steelmaking capacity

In million tonnes per year

	2000	2002	2005	2007	2009	2012	Annual growth rate (% per annum)		
							2007/05	2009/07	2012/09
Non-OECD Europe	**15.0**	**15.5**	**17.3**	**17.3**	**18.0**	**19.8**	**0.0**	**2.0**	**3.3**
Bulgaria	3.1	3.1	3.2	3.2	3.2	3.2	0.0	0.0	0.0
Romania	8.2	8.2	9.1	9.1	9.1	9.3	0.1	0.0	0.8
CIS	**124.7**	**124.2**	**124.5**	**134.5**	**143.1**	**153.5**	**4.0**	**3.1**	**2.4**
Russia	70.0	70.0	71.0	77.2	83.2	90.7	4.3	3.8	2.9
Ukraine	40.7	41.2	42.6	45.7	47.4	49.1	3.6	1.8	1.2
Kazakhstan	7.2	6.2	5.5	6.3	6.6	7.4	7.0	2.4	3.9
Latin America	**46.4**	**49.8**	**53.9**	**59.6**	**62.7**	**72.1**	**5.2**	**2.5**	**4.8**
Argentina	5.8	5.8	5.8	6.1	6.6	6.6	2.7	3.7	0.0
Brazil	30.0	33.4	36.4	41.5	43.1	51.3	6.7	1.9	6.0
Colombia	1.5	1.5	1.5	1.5	1.9	1.9	2.0	11.4	0.0
Peru	1.0	1.0	1.1	1.2	1.3	1.4	4.0	4.2	3.5
Venezuela	5.1	5.1	6.0	6.1	6.2	7.2	1.5	0.6	5.2
Africa	**25.4**	**26.9**	**29.8**	**30.4**	**31.4**	**39.3**	**1.0**	**1.5**	**7.8**
Algeria	2.2	2.4	2.6	2.6	2.6	2.6	0.0	0.0	0.0
Egypt	6.4	7.6	8.8	8.8	8.8	13.4	0.0	0.0	15.0
Libya	1.3	1.4	1.4	1.8	1.8	4.2	15.0	0.0	32.5
Nigeria	1.2	1.2	2.7	2.7	2.9	2.9	0.0	3.2	0.0
South Africa	11.8	11.8	11.8	11.8	12.3	12.3	0.0	1.9	0.0
Middle East	**14.0**	**15.2**	**19.0**	**21.9**	**28.1**	**54.9**	**7.4**	**13.1**	**25.1**
Iran	8.2	8.8	11.0	11.2	15.0	26.4	0.9	15.7	20.7
Qatar	0.4	0.9	1.5	1.5	1.5	2.1	0.0	0.0	13.0
Saudi Arabia	3.8	3.8	4.8	7.3	7.4	12.8	24.0	0.8	19.9
United Arab Emirates	0.1	0.1	0.1	0.1	1.9	4.7	0.0	301.6	35.0
Asia	**240.6**	**297.5**	**540.9**	**739.7**	**870.7**	**1018.2**	**16.9**	**8.5**	**5.4**
China	149.6	197.0	424.0	610.0	725.0	815.0	19.9	9.0	4.0
Other Asia	91.0	100.5	116.9	129.7	145.7	203.2	5.3	6.0	11.7
Chinese Taipei	16.8	17.7	20.9	22.5	22.8	29.0	3.8	0.6	8.4
India	33.6	39.6	50.4	59.1	72.8	114.2	8.3	11.0	16.2
Indonesia	6.9	7.8	7.8	8.0	8.0	9.2	1.0	0.0	4.8
Malaysia	7.4	7.5	9.0	9.0	10.0	11.2	0.0	5.4	3.7
Pakistan	3.9	3.9	3.9	3.9	3.9	4.9	0.0	0.0	8.0
Philippines	1.7	1.7	1.6	1.8	1.9	2.2	6.9	2.7	5.0
Thailand	7.1	7.4	7.5	8.6	8.6	9.3	7.6	0.0	2.6
Vietnam	0.4	1.7	2.5	3.4	4.4	9.3	16.9	13.7	28.1
Non-OECD total	**466.2**	**529.1**	**785.3**	**1003.5**	**1153.9**	**1357.8**	**13.0**	**7.2**	**5.6**

Source: OECD Secretariat.

Table 2. Non-OECD crude steel production

In million tonnes

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Non-OECD Europe	**8.2**	**8.5**	**9.0**	**9.8**	**10.6**	**11.1**	**12.0**	**11.7**	**10.1**	**6.5**
Bulgaria	2.0	2.0	1.9	2.3	2.1	1.9	2.1	1.9	1.3	0.7
Romania	4.7	4.9	5.5	5.7	6.0	6.3	6.3	6.3	5.0	2.8
CIS	**98.5**	**99.7**	**101.2**	**106.5**	**113.4**	**113.2**	**119.9**	**124.2**	**114.3**	**97.5**
Russia	59.1	59.0	59.8	61.5	65.6	66.1	70.8	72.4	68.5	59.9
Ukraine	31.8	33.1	34.1	36.9	38.7	38.6	40.9	42.8	32.3	29.8
Kazakhstan	4.8	4.7	4.8	4.9	5.4	4.5	4.3	4.8	4.3	4.1
Latin America	**39.4**	**37.3**	**40.9**	**43.1**	**45.6**	**45.0**	**45.0**	**47.9**	**46.9**	**37.7**
Argentina	4.5	4.1	4.4	5.0	5.1	5.4	5.5	5.4	5.5	4.0
Brazil	27.9	26.7	29.6	31.1	32.9	31.6	30.9	33.8	33.7	26.5
Colombia	0.7	0.6	0.7	0.7	0.7	0.8	1.2	1.2	1.1	1.1
Peru	0.8	0.7	0.6	0.7	0.7	0.8	0.9	0.9	1.0	0.7
Venezuela	3.8	3.8	4.2	3.9	4.6	4.9	4.9	5.0	4.2	4.1
Africa	**13.8**	**14.9**	**15.8**	**16.3**	**16.7**	**18.0**	**18.7**	**18.7**	**17.0**	**15.2**
Algeria	0.8	0.9	1.1	1.1	1.0	1.0	1.2	1.3	0.6	0.5
Egypt	2.8	3.8	4.3	4.4	4.8	5.6	6.0	6.2	6.2	5.5
Libya	1.1	0.8	0.9	1.0	1.0	1.3	1.2	1.3	1.1	0.9
Nigeria	..	..	..	..	..	0.1	0.1	0.1	0.1	0.1
South Africa	8.5	8.8	9.1	9.5	9.5	9.5	9.7	9.1	8.3	7.5
Middle East	**10.8**	**11.7**	**12.5**	**13.4**	**14.3**	**15.3**	**15.4**	**16.5**	**16.6**	**17.7**
Iran	6.6	6.9	7.3	7.9	8.7	9.4	9.8	10.1	10.0	10.9
Qatar	0.7	0.9	1.0	1.1	1.1	1.1	1.0	1.1	1.4	1.4
Saudi Arabia	3.0	3.4	3.6	3.9	3.9	4.2	4.0	4.6	4.7	4.7
United Arab Emirates	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Asia	**183.6**	**207.8**	**241.9**	**285.5**	**352.3**	**435.2**	**507.6**	**585.1**	**598.6**	**662.9**
China	128.5	151.6	182.4	222.3	282.9	353.2	419.1	489.3	500.3	567.8
Other Asia	55.1	56.2	59.5	63.2	69.4	82.0	88.4	95.9	98.3	95.1
Chinese Taipei	16.9	17.3	18.2	18.8	19.6	18.9	20.0	20.9	19.9	15.9
India	26.9	27.3	28.8	31.8	32.6	45.8	49.5	53.5	57.8	60.2
Indonesia	2.8	2.8	2.5	2.0	3.7	3.7	3.8	4.2	3.9	3.5
Malaysia	3.7	4.1	4.7	3.96	5.7	5.3	5.8	6.9	6.4	6.0
Pakistan	1.0	1.0	1.0	1.0	1.1	0.8	1.0	1.1	1.0	0.8
Philippines	0.4	0.5	0.6	0.5	0.4	0.5	0.6	0.7	0.7	0.7
Thailand	2.1	2.1	2.5	3.6	4.5	5.2	4.9	5.6	5.2	5.0
Vietnam	0.3	0.3	0.4	0.5	0.7	0.9	1.9	2.0	2.3	2.0
Non-OECD total	**354.3**	**379.9**	**421.3**	**474.6**	**552.8**	**637.7**	**718.5**	**804.1**	**803.7**	**837.4**

Source: worldsteel.

NOTES ABOUT THE REGIONAL TABLES

Methodology

In order to estimate the steelmaking capacity of non-OECD economies in the year 2012, the expansion projects of those economies were classified as "firm", "possible", or "unlikely" on the basis of whether they would proceed and be completed by 2012. The criteria used to classify the projects included:

- Current stage of each project – feasibility study, planning, government approval, tendering, construction or suspension of construction.
- Availability of financial resources for each project.
- Domestic steel market – apparent steel consumption in terms of current size.
- Intention of government to establish and expand the industry; and
- Availability of raw materials and energy.

Each project was evaluated for the likelihood of its completion by 2012 according to the above criteria. Although information on a number of aspects was often lacking, the figures included in the tables are considered appropriate in the light of the original sources of information and the evidence available. The classification of projects and comments on their progress do not in any way represent a judgement or imply a view on the advisability or feasibility of the projects.

A project classified as "firm" is one which is under construction or for which contracts have been awarded and to which a major financial or state commitment has been made and which is due and on schedule for completion before 2012. "Possible" projects are those under construction or those for which contracts have been awarded, but which have been delayed due to financial or technical problems and whose completion may not be realised by 2012. "Unlikely" projects are those at the feasibility or early planning stage, those yet to receive financial or state backing and those not scheduled for completion by 2012. In the regional tables, those projects are noted in the column "comments" and, in some cases, presented in brackets in the column "increase in capacity", but are not included in the estimation of steelmaking capacity in the year 2012.

The estimate of each country's capacity in 2012 has been obtained by adding to their existing capacity the capacity of "firm" projects and half the proposed capacity of all "possible" projects in the country. The principle of including only half the total capacity of possible projects is used as a surrogate for complete project-by-project assessments.

EXPLANATORY NOTES

Abbreviations used for equipment are:

BF	Blast furnace, of which:
	- charcoal
	- coke-based
	- mini
Corex	Corex ironmaking unit
DR	Direct reduction unit, of which
	- Codir
	- Finmet
	- Fior
	- HYL
	- Krupp
	- Midrex
	- Plasma
	- Romelt
	- SLRN
EPIF	Electric pig iron furnace
ERP	Electric reduction pig iron furnace
IC	Iron Carbide
AOD	Argon Oxygen Decarburisation Unit
BS	Basic Bessemer converter
EF	Electric-arc furnace, of which
	- DC
	- shaft furnace
EOF	Energy optimising furnace
IF	Induction furnace
LD	LD Basic oxygen furnace
LF	Ladle furnace
OH	Open hearth furnace
Steelmkg	Unspecific steelmaking unit
CC	Continuous casting machine, of which
	- slab
	- thin slab
	- bloom
	- billet
	- round billet
SLM	Slabbing mill
BLM	Blooming mill
BTM	Billet mill
STR	Bar, section, shape, beam or angle mill
WR	Wire rod mill
Plate	Plate mill
Hot	Hot strip mill
Rolling	Unspecific rolling mill
ERW	Electric-resistance welded pipe mill
SAW	Submerged arc welded pipe mill
SMLS	Seamless tube mill

CAPL	Continuous annealing and pickling line
Cold	Cold strip mill
HGL	Hot-dip galvanising line
EGL	Electro galvanising line
ZnAl	Zincalum coating line
Tin plate	Tin plate
Ptg	Painting line (colour coating)
Silicon	Electrical sheet/coil line

Capacity figures are nominal or rated capacity. The unit of capacity figures is a thousand tonnes per year, unless otherwise stated.

"Existing capacity" and "Existing equipment" are those estimated as of the end of December 2009.

The capacity figures given in this report have been estimated on the basis of the most reliable information available. Nevertheless, as the information sources are limited, many of the capacity figures quoted relate to the nominal or rated capacity. In some cases, however, nominal capacity figures have been modified in line with data on actual production or aims of modernisation projects.

The "Ownership" column shows a distinction between state-owned plants or projects (S) and those which are privately owned (P).

Sources of information are indicated in the column "Source". Listed capacity figures are not necessarily identical to these sources' estimates. The abbreviations used in the "Source" column are:

AME	AME info FZ LLC.
AMM	American Metal Market
ANGP	Angola Press
APL	Asia Pulse
BL	Business Line (published in India)
BNA	Business News Americas
BPOST	Bangkok Post (published in Thailand)
BS	Business Standard (published in India)
BT	Business Times (published in Malaysia)
CMN	China Metallurgical Newsletter
DH	Deccan Herald (published in India)
DJ	Dow Jones Newswires
ET	The Economic Times (published in India)
FE	The Financial Express (published in India)
FT	Financials Times
GURU	SteelGuru
HP	Company home page on the Net
HT	Hindustan Times (published in India)
IHT	International Herald Tribune
IINFO	India Infoline (published in India)
ISWW	Iron and Steel Works of the World (published by Metal Bulletin Books)
KT	Khaleej Times (published in the UAE)
MB	Metal Bulletin
ME	ME Steel (on the Internet)
MP	Metal Producing & Processing
MYSTL	My Steel.com (published in China)

NET	Internet
NFB	News from Bangladesh
REU	Reuters Ltd
SA	Steels Alert
SBB	Steel Business Briefing
SO	SteelOrbis
SWEEK	Steel WEEK (published in UK)
TG	The Telegraph (published in India)
VIR	Vietnam Investment Review
VNS	Vietnam News

ÉVOLUTION DES CAPACITÉS DE PRODUCTION D'ACIER DANS LES ÉCONOMIES NON MEMBRES DE L'OCDE : RAPPORT BIENNAL

I. Introduction

Les niveaux des capacités de production d'acier ont d'importantes répercussions sur la situation du marché mondial de l'acier. En effet, les niveaux futurs de la production et des échanges d'acier ainsi que des effectifs employés dans la sidérurgie seront déterminés par le niveau actuel des investissements dans les installations sidérurgiques. Ces dernières années, le gros de la croissance des capacités mondiales de production d'acier a été le fait des économies non membres de l'OCDE qui devaient faire face à l'essor de leur développement économique. L'expansion des capacités a été plus forte dans les pays où la demande du marché était élevée ou les pays à bas coûts de production, notamment la Chine, l'Inde et le Brésil. Le présent rapport fait le point sur les niveaux actuels des capacités de production d'acier dans les économies non membres de l'OCDE et les évolutions probables d'ici 2012, en s'appuyant sur les travaux de suivi des investissements menés par le Secrétariat à partir de données tirées de plusieurs revues spécialisées et d'autres informations non confidentielles.

La première partie du rapport présente un résumé des tendances d'évolution des capacités, en tenant compte des développements récents, ainsi que des perspectives par grandes régions à l'horizon 2012. L'annexe du présent rapport donne des informations détaillées sur les projets d'investissements des entreprises, et des indications précises sur les investissements effectués dans les équipements et les technologies de production, les dates de mise en service des projets prévus et, le cas échéant, leurs modalités de financement. Rappelons que les commentaires formulés sur l'état d'avancement et la classification des projets ne préjugent aucunement de la faisabilité ou de l'opportunité des projets en question.

II. Résumé

Les capacités de production d'acier continueront vraisemblablement d'augmenter régulièrement d'ici 2012 dans les économies non membres de l'OCDE, en raison de la reprise de projets d'expansion qui avaient été suspendus au lendemain de la récente crise économique. Les capacités totales des aciéries des économies non membres de l'OCDE devraient s'élever en 2012 à 1.36 milliard tpa (tonnes par an), ce qui représenterait une hausse de 204 millions tpa par rapport au niveau de 1.15 milliard tpa atteint en 2009. Le taux moyen de croissance annuel des capacités devrait donc avoisiner 5.6% d'ici 2012.

Si l'on considère les tendances par grandes régions du monde, force est de constater que le gros de cette croissance sera le fait de l'Asie, où les capacités de production d'acier devraient augmenter de 147.5 millions tpa d'ici 2012, soit 72.3% de la hausse totale estimée à 204 millions tpa pour l'ensemble des économies non membres de l'OCDE, suivie du Moyen-Orient (avec une hausse de 26.8 millions tpa), de la CEI (10.4 millions tpa), de l'Amérique latine (9.4 millions tpa) et de l'Afrique (8.0 millions tpa). Par contre, les capacités de production d'acier dans les pays européens non membres de l'OCDE n'évolueront guère.

En Asie, la Chine a enregistré une augmentation rapide de ses capacités durant la dernière décennie, étayée par l'essor de la demande d'acier. Quatre-vingt-dix millions de tonnes supplémentaires de capacités nouvelles seront installées d'ici 2012. Cependant, ce chiffre donne à penser que le rythme de croissance des capacités nouvelles devrait se ralentir par rapport aux années antérieures, en partie du fait des mesures destinées à limiter l'essor de la sidérurgie. L'Inde dispose d'un potentiel non négligeable de développement de ses capacités de production d'acier, en raison de l'ampleur de ses ressources en minerai de fer, du faible niveau de ses coûts de production et des perspectives favorables de croissance de la consommation d'acier. Les capacités de production d'acier de l'Inde devraient passer de 72.8 à 114.2 millions de tonnes entre 2009 et 2012, en dépit du fait que nombre de projets d'aciéries prévus sur de nouveaux sites se heurtent à une résistance populaire. D'autres économies émergentes d'Asie, comme le Viêtnam, ont adopté des plans ambitieux d'accroissement de leurs capacités qui renforceront le rôle que jouent ces pays dans les accroissements de capacité de la région.

Au Moyen-Orient, qui est actuellement importateur net d'acier pour des volumes importants, les capacités sidérurgiques augmentent rapidement et devraient passer de 28.1 à 54.9 millions tpa entre 2009 et 2012, bien que plusieurs projets aient été interrompus ou annulés pendant la crise financière. Les économies de la région enregistrent une très forte croissance de leur demande d'acier, notamment dans les secteurs des infrastructures et du bâtiment, ainsi que des investissements dans les projets gaziers et pétroliers et dans les activités de raffinage.

L'activité d'investissements dans la région de la Communauté des États indépendants (CEI) a été fortement touchée par l'impact de la crise financière. Cependant, les taux d'utilisation des capacités reviennent à la normale et l'activité d'investissement reprend principalement dans le secteur des technologies économes en énergie ainsi que dans les nouvelles installations de production d'acier et de laminage. Les capacités de production d'acier brut de la région devraient augmenter de 10.4 millions de tonnes et passer à 153.5 millions de tonnes d'ici 2012.

En Amérique Latine, les capacités de production devraient s'élever à 72.1 millions de tonnes d'ici 2012, et donc augmenter de 9.4 millions de tonnes par rapport à 2009. Le gros de cet accroissement sera le fait du Brésil, l'un des premiers producteurs mondiaux de minerais de fer et jusqu'ici, le premier producteur d'acier d'Amérique Latine. Parmi les projets d'expansion des capacités prévus dans ce pays, on relève plusieurs projets importants de brames destinées à l'exportation.

En Afrique, les capacités de production devraient augmenter et passer de 31.4 à 39.3 millions de tonnes entre 2009 et 2012. Le gros de cet accroissement sera le fait de l'Afrique du Nord, où la demande d'acier et les capacités de production d'acier ont augmenté en raison de l'évolution favorable de la situation dans certains secteurs, en particulier dans celui de la construction.

III. Évolutions récentes

La présente section passe en revue l'évolution des capacités de production d'acier durant la période 2000-2009 ainsi que les niveaux actuels de production et de consommation d'acier dans les économies non membres de l'OCDE.

Tendances d'évolution des capacités, de la production et de la consommation

Les capacités totales de production d'acier ont rapidement augmenté dans les économies non membres de l'OCDE durant la dernière décennie, passant de 466.2 millions de tonnes à 1.15 milliard de tonnes entre 2000 et 2009, soit une hausse globale de 147.5%. C'est en Chine que la progression a été la plus spectaculaire : + 575.4 millions de tonnes, soit 83.7% de la hausse totale évaluée à 687.7 millions tpa pour l'ensemble des économies non membres de l'OCDE durant la décennie.

Évolution des capacités de production d'acier

Unité : millions de tonnes

	2000 (A)	2002	2005	2007	2009 (B)	Variations (B-A)	(B/A %)
Europe non OCDE	15.0	15.5	17.3	17.3	18.0	3.0	19.8
CEI	124.7	124.2	124.5	134.5	143.1	18.4	14.8
Amérique latine	46.4	49.8	53.9	59.6	62.7	16.2	34.9
Afrique	25.4	26.9	29.8	30.4	31.4	5.9	23.2
Moyen-Orient	14.0	15.2	19.0	21.9	28.1	14.0	99.7
Asie	240.6	297.5	540.9	739.7	870.7	630.1	261.9
Chine	149.6	197.0	424.0	610.0	725.0	575.4	384.6
Autres pays d'Asie	91.0	100.5	116.9	129.7	145.7	54.7	60.1
Total non OCDE	**466.2**	**529.1**	**785.3**	**1003.5**	**1153.9**	**687.7**	**147.5**

Source : Secrétariat OCDE.

Taux d'utilisation des capacités et de couverture des besoins

Comme on le voit au tableau ci-dessous, fin 2009, les capacités totales de production d'acier des économies non membres de l'OCDE s'élevaient à 1.15 milliard de tpa dont 72.6% étaient utilisées. Cette année là, les taux d'utilisation des capacités étaient peu élevés dans certains pays en raison de la crise financière et de la faiblesse de la demande d'acier. Ils variaient cependant fortement selon les pays : alors qu'en Chine, ils étaient supérieurs à la moyenne des économies non membres, dans les pays européens non membres de l'OCDE et dans les pays africains, ils restaient relativement peu élevés : 35.9% et 48.5%, respectivement.

Taux d'utilisation des capacités

Unité : millions de tonnes

	Capacité 2009 (A)	Production d'acier brut 2009 (B)	Taux d'utilisation (B/A %)
Europe non OCDE	18.0	6.5	35.9
CEI	143.1	97.5	68.1
Amérique latine	62.7	37.7	60.2
Afrique	31.4	15.2	48.5
Moyen-Orient	28.1	17.7	62.9
Asie	870.7	662.9	76.1
Chine	725.0	567.8	78.3
Autres pays d'Asie	145.7	95.1	65.3
Total non OCDE	**1153.9**	**837.4**	**72.6**

Sources : Secrétariat OCDE (pour les capacités) et Worldsteel (pour la production).

Pour ce qui est du taux de couverture des besoins en acier brut, on note que ce taux est resté extrêmement élevé dans les pays de la CEI en 2009. Par contre, il est resté inférieur à 100% en Afrique et au Moyen-Orient. Les pays européens non membres de l'OCDE et les pays d'Amérique Latine ont vu leurs taux tomber au-dessous de 100%, les sidérurgistes de ces régions ayant fortement réduit leur production face à la récession du marché. Par contre, en Asie, ces taux ont augmenté et dépassé 100%. Entre 2004 et 2008, le taux global de couverture des besoins en acier brut des économies non membres de l'OCDE est passé de 100.7% à 102.1%, durant la période, en raison de la hausse du taux chinois.

Taux de couverture des besoins en acier brut

Unité : millions de tonnes

	Production d'acier brut (C)		Consommation apparente (D)		Taux de couverture des besoins (C/D %)	
	2004	2008	2004	2008	2004	2008
Europe non OCDE	10.6	10.1	10.3	13.4	103.0	75.3
CEI	113.4	114.3	45.1	57.2	251.3	199.9
Amérique latine	45.6	46.9	34.9	47.4	130.7	99.0
Afrique	16.7	17.0	20.3	30.2	81.9	56.4
Moyen-Orient	14.3	16.6	33.9	51.3	42.1	32.4
Asie	352.3	598.6	404.6	588.4	87.1	101.7
Chine	282.9	500.3	287.3	452.9	98.5	110.5
Autres pays d'Asie	69.4	98.3	117.3	135.5	59.1	72.6
Total non OCDE	**552.8**	**803.7**	**549.1**	**787.9**	**100.7**	**102.0**

Source : Worldsteel.

IV. Perspectives à l'horizon 2012

Entre 2009 et 2012, les capacités totales de production d'acier brut des économies non membres de l'OCDE devraient augmenter de 1.15 milliard tpa pour atteindre 1.36 milliard tpa, ou de 17.7% sur l'ensemble de la période, ce qui correspond à un taux moyen annuel de croissance de 5.6%.

[1] En volume, c'est la Chine qui devrait enregistrer les plus forts accroissements de capacité avec 44.1% de la hausse totale estimée des capacités dans les économies non membres, suivie de l'Inde (20.3%), de l'Iran (5.6%), du Brésil (4%) et de la Russie (3.7%).

Les accroissements de capacité sont étayés par une croissance régulière de la demande d'acier, bien que plusieurs grands projets d'expansion aient été suspendus ou annulés en raison de la crise financière. Cependant, l'envolée des cours des matières premières a aussi encouragé les investissements sidérurgiques dans les économies riches en ressources vitales pour la sidérurgie. Si la Chine reste en tête pour ce qui est des expansions de capacités, d'autres économies en développement jouent un rôle grandissant à cet égard dans le monde, leurs gouvernements s'étant fixé pour objectif d'accroître leur production d'acier et dans certains cas, de couvrir la totalité de leurs besoins en acier.

1. La méthode utilisée pour estimer les capacités de production d'acier est décrite dans l'annexe. Les accroissements de capacités indiqués ci-après sont des estimations moyennes.

Estimations des capacités de production d'acier en 2012

Unité : millions de tonnes

	Existantes	Accroissement d'ici 2012			Capacité en 2012			Variations	
	2009 (A)	Ferme	Possible	Improbable	Moyenne (B)	Faible	Elevée	Volume (B-A)	% (B/A)
Europe non OCDE	18.0	1.8	0.1	1.3	19.8	19.8	19.9	1.8	10.3
CEI	143.1	9.5	1.8	43.8	153.5	152.6	154.5	10.4	7.3
Russie	83.2	7.3	0.2	18.5	90.7	90.6	90.8	7.5	9.0
Ukraine	47.4	1.1	1.3	21.3	49.1	48.5	49.8	1.8	3.7
Amérique latine	62.7	8.4	2.1	57.3	72.1	71.1	73.1	9.4	15.0
Brésil	43.1	8.2	0.0	43.9	51.3	51.3	51.3	8.2	19.0
Afrique	31.4	8.0	0.0	10.8	39.3	39.3	39.3	8.0	25.4
Moyen-Orient	28.1	20.9	12.0	47.3	54.9	48.9	60.9	26.8	95.7
Iran	15.0	5.9	11.0	28.8	26.4	20.9	31.9	11.4	76.0
Arabie saoudite	7.4	5.0	0.9	3.9	12.8	12.4	13.2	5.4	72.4
Asie	870.7	116.5	62.0	282.1	1018.2	987.1	1049.2	147.5	16.9
Chine	725.0	64.9	50.3	25.5	815.0	789.9	840.1	90.0	12.4
Inde	72.8	37.3	8.3	189.7	114.2	110.1	118.4	41.5	57.0
Total non OCDE	**1153.9**	**165.0**	**78.0**	**442.5**	**1357.8**	**1318.9**	**1396.8**	**204.0**	**17.7**

Source : Secrétariat OCDE.

EUROPE NON OCDE

Bosnie-Herzégovine

- *ArcelorMittal Zenica* a redémarré sa cokerie, son installation d'agglomération, son haut fourneau et son four à oxygène pur (BOF) en 2008. *ArcelorMittal* espère porter sa capacité actuelle de 1 million tpa actuellement, à environ 2 millions tpa bien qu'elle n'envisage pas dans l'immédiat de redémarrer son four à arc.

Croatie

- *CMC Sisak*, un producteur de tubes sans soudure, est sur le point d'achever son projet d'investissement dans un nouveau four à arc, d'environ 425 000 tpa, qui devrait commencer à produire en 2010.

Lettonie

- *Liepajas Metalurgs* construira une aciérie électrique intégrée. Le projet prévoit des travaux importants de modernisation du processus de production d'acier à partir de ferraille et la construction d'un laminoir entièrement nouveau. La nouvelle aciérie pourra produire environ 810 000 tonnes de billettes et 400 000 tonnes de barres et de profilés par an. Elle remplacera aussi les actuels fours Martin.

Lituanie

- La nouvelle entreprise sidérurgique russe *AV-Stal* a l'intention de construire une micro-aciérie de 120 000 tpa. La construction, qui commencera à la mi-2010, devrait être achevée en deux ans.

Macédoine

- Le producteur de tôles fortes *Makstil,* dans lequel *Duferco Group* détient une participation majoritaire, a achevé de moderniser son four à arc en mars 2010 et porté sa capacité de production d'acier brut de 360 000 à 520 000 tpa.

Monténégro

- *Zeljezara Niksic* réalise actuellement un programme de modernisation qui comprend l'installation d'un nouveau four à arc électrique, une unité de dégazage sous vide, un système de dépoussiérage et un four à poche, qui permettront d'augmenter de 450 000 à 600000 tpa la capacité de production d'acier brut.

Roumanie

- Le sidérurgiste russe *Mechel* prévoit d'augmenter d'environ 212000 tpa la capacité de production à son aciérie de *Ductil Steel Otelu Rosu* entre 2010 et 2012.

- *Liberty Commodities*, le négociant en acier londonien, a l'intention de construire une nouvelle aciérie dans la ville d'Oltenita du Comté de Calarasi (sud de la Roumanie). La nouvelle aciérie devrait avoir une capacité de production annuelle de 500000 tonnes de billettes destinées à être laminées en produits longs. *Liberty Commodities* a acquis en 2007 la fonderie Turol située à Oltenita pour 16 millions EUR par l'intermédiaire de sa division roumaine.

Serbie

- a nouvelle unité de production de billettes de *Sirmium Steel* qui est une coentreprise entre *Metalfer* et l'équipementier italien *STG Group*, devrait être mise en service en juillet 2010. Elle est équipée d'un four à arc électrique et pourra produire de 450 000 à 500 000 tpa de billettes.

COMMUNAUTÉ DES ÉTATS INDÉPENDANTS (CIS)

Avant la crise financière et la récession du marché, de vastes projets d'expansion avaient été prévus en Russie et en Ukraine. Il s'agissait notamment de plusieurs projets de construction de mini-aciéries et du remplacement de fours Martin obsolètes par de nouveaux fours à l'oxygène pur et à arc électrique. Les sidérurgistes se sont employés à moderniser leurs installations pour assurer de bonnes conditions d'exploitation et ont investi depuis le début 2009, principalement dans des technologies permettant d'améliorer leur rendement énergétique ainsi que dans de nouvelles unités de production d'acier et de laminage. Les capacités de production d'acier de l'ensemble de la région de la CEI devraient augmenter de 7.3% entre 2009 et 2012, soit 10.4 millions de tonnes pour s'élever à 153.5 millions de tonnes d'ici la fin de la période.

Russie

- *Ashinsky Steel Works* prévoit de mettre en service un nouveau four à arc électrique de 120 tonnes et de fermer ses fours Martin en 2010. Le remplacement des fours Martin par des fours à arc permettra d'augmenter la capacité de production d'acier brut de l'aciérie qui passera de 650 000 tpa à 1 million tpa.

- Une nouvelle entreprise sidérurgique russe *AV-Stal* a l'intention de construire une « micro-aciérie » pour produire 120 000 tpa de produits longs dans la région de Volgograd au sud du pays, d'ici 2011. L'entreprise prévoit en outre de construire une nouvelle mini-aciérie d'une capacité de 143 000 tpa, pour produire des fers à béton dans la région de Novgorod. La construction de la deuxième aciérie devrait commencer au deuxième semestre de 2010 et s'achever d'ici 2013.

- *Chusovoy Metallurgical Works*, une filiale de *United Metallurgical Company (OMK)*, a déposé une demande de prêt auprès de la Banque russe pour le développement et les affaires économiques étrangères, la Vnesheconombank (VEB). *Chusovoy* utilisera ce prêt pour financer la modernisation de l'ensemble de ses installations de production et notamment la construction d'un nouveau four à arc électrique, d'une coulée continue et d'un laminoir ainsi que la suppression d'une aciérie Martin.

- Le groupe sidérurgique ukrainien *Industrial Union of Donbass* avait prévu de construire une mini-aciérie à Armavir dans le sud de la Russie. Mais en raison de la faiblesse de la demande des produits sidérurgiques utilisés dans le secteur des BTP, l'entreprise a décidé de reporter le projet bien que les travaux de fondation de l'aciérie aient été commencés.

- *Izhstal*, une filiale de l'entreprise russe de production minière et sidérurgique *Mechel,* prévoit de mettre en service son nouveau complexe de fusion électrique d'une capacité de 350 000 tpa en 2010. Celui-ci lui permettra de se passer de son four Martin.

- *Kirov Works* prévoit de reprendre son projet d'installation d'un four à arc électrique pour remplacer son four Martin dans sa filiale sidérurgique, *Petrostal Iron and Steel Works* lorsque la production de son laminoir « 350 » aura retrouvé son niveau de production d'avant la crise qui s'élevait à 22 000 tpm (tonnes par mois).

- Le sidérurgiste turc *Kurum Demir* prévoit de construire une unité de fabrication de produits longs de 1.5 million tpa à Volgadonsk dans le sud de la Russie. L'investissement, d'un montant de 150 millions USD, financera la construction d'un atelier de fusion équipé d'un four à arc pour la production de billettes et des installations de laminage d'acier à béton et de fil machine.

- D'après la presse locale, l'ancien propriétaire de *Maxi Group* a créé une nouvelle entreprise pour construire plusieurs mini-aciéries en Russie. La nouvelle société *Maxi Invest* est en train d'achever les plans des futures aciéries à construire dans la région de Vladimir et au Tatarstan ; chacune d'elle aura une capacité de production d'acier brut et de laminage de 1 million tpa.

- *Nizhny Tagil Iron and Steel Works (NTMK)*, une filiale de *Evraz Group* prévoit de porter sa production d'acier à 4.5 millions tpa en 2010 à la suite d'importants travaux de reconstruction de son convertisseur à l'oxygène. De plus, l'entreprise a démarré la construction d'un haut fourneau et d'un atelier de convertissage pour augmenter d'environ 70 % la capacité de production d'acier brut de l'aciérie. Le projet sera achevé d'ici trois ans alors que la mise en service du nouvel atelier est prévue pour 2014.

- Le Russe *Novolipetsk Steel (NLMK)* a créé une filiale, *NLMK-Sort (NLMK-Produits longs)*, pour gérer son activité de production de produits longs. Dans la division des produits longs, la construction de la mini-aciérie de Kalouga d'une capacité de 1.5 million tpa de produits longs devrait être achevée au début de 2012. L'aciérie de *Nizhnie Sergi* affectera aussi 1 milliard de roubles d'ici 2012 à des travaux de modernisation. À Lipetsk, *Novolipetsk Steel* poursuit la construction du haut fourneau N° 7 de 3.4 millions tpa ,qui devrait entrer en service à la mi-2011,

ainsi que du four à oxygène pur N° 1, du four à poche et de l'installation de dégazage sous vide. Avec le nouveau haut fourneau, le convertisseur permettra d'accroître la production d'acier qui atteindra 12.4 millions tpa d'ici 2012.

- *Novokuznetsk Iron & Steel*, une filiale de *Evraz Group*, prévoit d'installer une unité de dégazage sous vide et d'entreprendre d'autres projets dans son aciérie qui contribueront à élever la capacité de production à 1.9 million tpa. Le programme de travaux devrait s'achever en 2011.

- *Novorosmetall*, qui est implantée à Novorossiisk dans le Kraï de Krasnodar, prévoit de construire une nouvelle aciérie équipée d'un four à arc et un deuxième atelier de laminage à Abinsk.

- *Novosibirsk Metallurgical Works,* une filiale du sidérurgiste russe *ESTAR Holding* qui est passée depuis juillet 2009 sous le contrôle opérationnel du principal négociant russe en métaux *Metallservis Group*, a l'intention d'installer une aciérie équipée d'un four à arc qui permettra à l'aciérie de Kuzmin de produire ses propres brames pour relaminage.

- *Pervouralsky Novotrubny Works*, une filiale de *ChTPZ Group*, construit actuellement une nouvelle aciérie équipée d'un four à arc. D'une capacité de 950 000 tpa de billettes, l'atelier de fusion devrait être mis en service au quatrième trimestre de 2010. Il remplacera le four Martin obsolète de son unité de laminage de tubes de Chelyabinsk (430 000 tpa).

- En avril 2010, *Severstal* a entrepris de construire sa mini-aciérie de Balakovo près de Saratov, dont la production devrait démarrer en 2013. D'une capacité de 1 million tpa, la mini-aciérie produira des produits longs pour le BTP. La mise en service était prévue à l'origine pour 2010 mais *Severstal* a retardé la construction par suite de la récession économique et différé un projet de construction d'une deuxième mini-aciérie dans la région d'Ivanovo.

- Le fabricant russe de tubes *TMK* achèvera en 2011 l'installation d'un nouveau four à arc électrique de 950 000 tpa dans son aciérie de *Taganrog Metallurgical Works*. Ce nouveau four remplacera les fours Martin obsolètes (de 600 000 tpa).

- Le producteur russe de fonte *Tulachermet* travaille sur un projet d'aciérie. D'après un communiqué de presse d'avril 2008, la production devait s'élever à 2.5 millions tpa de brames qui, à l'issue d'une deuxième tranche d'investissements, pourront être laminées en bobines.

- En septembre 2008, l'entreprise russe *United Metallurgical Co (OMK)* a produit ses premières bobines laminées à chaud dans son nouveau complexe de coulée et de laminage situé à proximité de son aciérie de *Vyksa Steel Works.* La capacité de la première tranche du complexe équipé d'un four à arc est de 1.5 million tpa de bobines. Dans une deuxième tranche du projet, la capacité sera doublée et portée à 3 millions tpa.

- *Ural Mining and Metallurgical Company* construira une mini-aciérie de 550 000 tpa à Tyumen pour produire des produits longs. Le calendrier d'exécution des travaux a été retardé ; en décembre 2008, l'entreprise a décidé de résilier son contrat avec l'entrepreneur général du projet en vue de réduire les frais de construction dans le contexte de la crise économique mondiale. L'aciérie devrait être mise en service en 2011.

- *Volga-FEST*, une filiale du sidérurgiste russe *ESTAR Holding,* implantée dans la région de Volgograd, a l'intention de moderniser son four à arc et d'installer une nouvelle coulée continue de billettes de 480 000 tpa.

- *Volzhsky Pipe Plant*, une filiale de *TMK Group* installée dans la région de Volgograd, devrait moderniser son four à arc électrique et porter sa capacité à 1.2 million tpa d'ici 2011. L'entreprise avait achevé des travaux de reconstruction en 2008.

Ukraine

- *ArcelorMittal Kryviy Rih* prévoit de porter ses capacités de 8.5 à 12 millions tpa d'acier liquide d'ici 2012 grâce à un nouvel atelier d'agglomération, un nouveau convertisseur de 5 millions tpa et une nouvelle coulée continue de brames et de billettes. Le four Martin encore en service et l'ancien atelier d'agglomération seront fermés.

- L'Ukrainien *Metinvest* prévoit de dépenser 15 milliards USD pour doubler la production d'acier brut d'ici 2013-2014. *Metinvest* investira 5 milliards USD sur le site d'*Azovstal,* 6 milliards USD sur celui de *Makeyevka* et 2 milliards sur celui de *Yenakievo*. *Metinvest* estime qu'*Azovstal* augmentera sa production d'acier brut de 21 % durant les cinq-six prochaines années pour la porter à 8 millions tpa, essentiellement des produits sidérurgiques plats. Il est aussi prévu de construire sur le site d'*Azovstal* un laminoir à bandes à chaud et de remplacer le four Martin par un four à l'oxygène pur. Le principal projet sera mené à *Makeyevka* qui rejoint *Metinvest* via la fusion du Groupe avec l'Ukrainien *Smart-Holding. Metinvest* installera une unité de production de brames de 8 millions tpa à *Makeyevka* qui utilisera le circuit de la production intégrée et augmentera ainsi la production potentielle de 444 %. *Yenakievo* sera en mesure de produire 3.5 millions de tonnes d'acier brut par an d'ici cinq ans et 4 millions de tonnes d'acier brut d'ici six ans grâce au programme d'investissement de *Metinvest.*

- Le producteur ukrainien d'aciers spéciaux *Dneprospetsstal* installera un nouveau four à arc qui devrait être mis en service au premier trimestre de 2012. Le nouveau four en remplacera trois unités anciennes.

- *Dneprovsky Metallurgical Plant*, une filiale de *The Industrial Union of Donbass (ISD)*, prévoit de porter sa production d'acier brut à 7 millions de tonnes d'ici 2020, soit plus du double de la capacité de 2009, d'installer de nouveaux équipements et de reconstruire certaines unités.

- *Donetsk Iron & Steel Works* a différé la mise en service de son four à arc électrique jusqu'en 2012 en raison de la crise financière. L'entreprise avait prévu de moderniser ses aciéries, de fermer ses fours Martin et de construire un four à arc de 150 tonnes.

- L'entreprise ukrainienne de recyclage de ferraille *Euro Finance* a commencé la construction de sa première aciérie de 1.8 million tpa. Le contrat pour la fourniture des équipements a été signé avec Siemens en juin 2008 et l'ouverture de l'aciérie implantée à Belaya Zerkov près de Kiev, est prévue pour la mi-2011. L'aciérie sera dotée d'un four à arc de 120 tonnes et d'un four à poche à deux postes, d' une coulée continue de billettes à huit brins et d'un laminoir de produits longs.

- Le sidérurgiste ukrainien *Ilyich Iron and Steel Works,* producteur de produits plats, prévoit actuellement des travaux de reconstruction comprenant notamment de remplacer le procédé Martin par un four à l'oxygène pur et l'installation d'une unité de traitement secondaire et d'une coulée continue.

- Le fabricant ukrainien de rails, de roues et de tubes *Interpipe* a reçu livraison des équipements pour sa nouvelle aciérie *Interpipe Electric Steel*. La construction d'un atelier de fusion équipé d'un four à arc électrique sur son site de Dnepropetrovsk avance comme prévu. Le four à arc de

1.3 million tpa fourni par Danieli permettra à l'entreprise de fermer progressivement ses fours Martin dans son unité de laminage de tubes *Nizhnedneprovsky Tube Rolling Plant.*

- *Vorskla Steel*, une société immatriculée en Suisse, se prépare à démarrer la construction de son aciérie sur un site proche de la ville de Komsomolsk dans la région de Poltava (Ukraine). La nouvelle aciérie sera équipée de deux unités de production utilisant le procédé Midrex de réduction directe, de deux fours à arc d'une capacité totale de 3 millions tpa, de deux fours à poche et de deux coulées continues de brames.

- *Zaporizhstal Integrated Iron & Steel Works* prévoit de redémarrer en 2011 la construction de son atelier de convertissage. Les travaux de construction comprendront deux tranches : tout d'abord le four à l'oxygène pur N° 1 puis, simultanément, les convertisseurs 2 et 3. *Zaporizhstal* a conclu un contrat courant 2008 avec Siemens VAI, qui est implantée en Autriche, pour construire l'atelier de convertissage, dont la capacité de production d'acier brut s'élèvera à 4.7 millions tpa. L'entreprise a arrêté les travaux en novembre 2008 dans le contexte de la crise financière mondiale. Le démarrage de la production était initialement prévu pour fin 2010. Avant la crise financière mondiale, la production des fours Martin de *Zaporizhstal* était d'environ 3.8 millions tpa. Ces fours seront progressivement arrêtés au fur et à mesure de la mise en service des fours à l'oxygène pur.

Azerbaïdjan

- *DHT Metal* mettra en service un nouvel atelier de fusion en février et un nouveau laminoir en mars 2010. La capacité actuelle de fusion est de 150 000 tpa et la capacité de laminage s'élève aussi à 150 000 tpa. Grâce aux nouveaux investissements, ces capacités seront portées à 300000 tpa et 400 000 tpa respectivement.

Géorgie

- Le producteur de tubes sans soudure et de fers à béton *Georgian Steel* mettra en service quatre fours à induction pour produire son acier brut et ses billettes. Les fours de 12 tonnes fournis par l'entreprise chinoise Wuxi Haohua Metallurgy Machinery permettront à *Georgian Steel* de mouler jusqu'à 120 000 tpa de billettes à section carrée. De plus, l'entreprise prévoit de construire une nouvelle unité de production de métal chaud pour sa ligne de tubes sans soudure. L'aciérie a déjà sélectionné un site et se trouve actuellement au stade de la conception de l'atelier de fusion, qui pourrait compter deux fours à arc de 25 tonnes, dont la capacité totale de production sera de 250000 tpa d'acier brut et une coulée continue de billettes à section ronde.

Kazakhstan

- *ArcelorMittal Temirtau* a démarré la construction d'une nouvelle coulée continue à six brins de billettes à section carrée, de 1.2 million tpa pour son unité de fabrication de produits longs. La construction de la nouvelle coulée continue de billettes ainsi que les projets de réparation et de modernisation des hauts fourneaux, prévus pour 2010-2011 s'inscrivent donc dans la stratégie adoptée par l'entreprise pour atteindre son objectif d'accroissement de sa production d'acier fixé à 6 millions tpa. Par ailleurs, l'entreprise va relancer à Termirtau en 2011 un projet de construction d'une nouvelle aciérie de 4 millions de tonnes.

AMÉRIQUE LATINE

Producteurs latino-américaine de l'acier commencent à reprendre les projets qui ont été mis en veilleuse à la suite de la crise, soutenue par les perspectives du marché à long terme prometteuses. La capacité de production de la région devrait augmenter à 72,1 millions de tonnes d'ici 2012, en hausse de 9,4 millions de tonnes ou 15%, à partir de 2009. La plupart de cette augmentation aura lieu au Brésil, le plus grand producteur de loin en Amérique latine. Le Brésil a attiré des investissements importants par les sidérurgistes nationaux et étrangers, en raison des avantages liés à la disponibilité des matières premières et des perspectives favorables pour la demande d'acier.

Brésil

- *ArcelorMittal* prévoit d'augmenter les capacités de production de produits sidérurgiques longs de ses aciéries des États de Minas Gerais et d'Espírito Santo. Les projets d'investissements brésiliens d'*ArcelorMittal* (5 milliards USD) devraient être achevés d'ici 2016. Ils prévoient des extensions de capacité dans les aciéries suivantes : *Monlevade Steelworks*, *Juiz de Fora Steelworks* et *Vitória Steelworks* (à Cariacica). En juin 2010, *ArcelorMittal* a repris un projet d'expansion de 1.2 milliard USD à Monlevade qui avait été bloqué en raison de la crise économique mondiale. La capacité de production d'acier brut de *Monlevade* sera doublée et passera de 1.2 à 2.4 millions tpa à la mi-2012.

- Nouvelle venue dans la sidérurgie, l'entreprise *Aurizônia Empreendimentos* a annoncé qu'elle prévoyait de construire une unité géante de production de brames à Bacabeira dans l'État de Maranhão. Ce nouveau complexe, baptisé *Companhia Siderúrgica do Mearim,* produira près de 10 millions tpa de brames pour l'exportation, pour un investissement de 5 milliards USD.

- Le producteur brésilien de fonte *Usipar,* une unité de *Cosipar* dans l'État de Pará, a retardé la réalisation de son projet de construction d'une unité de production de brames de 2 millions tpa qui devrait entrer en service au plus tôt en 2013 et non en 2012 comme prévu initialement.

- Le producteur brésilien de produits sidérurgiques plats *CSN* mettra en service, au premier semestre de 2011, dans la ville de Volta Redonda, son aciérie de 500 000 tpa de produits longs, équipée d'un four à arc et il prévoit aussi de construire, d'ici 2013, deux unités supplémentaires de production de produits longs, de 500 000 tpa. CSN réalisera aussi deux grands projets de construction de nouvelles unités de production de brames à Itaguaí, (État de Rio de Janeiro) et à Congonhas, (État de Minas Gerais), de 4.5 millions tpa chacune.

- L'entreprise minière brésilienne *Ferrous Resources do Brasil* envisage de construire un laminoir à brames à Juiz de Fora (État de Minas Gerais). Le laminoir, de 3.5 millions tpa, pourrait entrer en service en 2016. Dans une première tranche, la capacité de production sera de 1 million tpa et portée ultérieurement à 3.5 millions tpa.

- Le groupe sidérurgique brésilien producteur de produits longs, *Gerdau*, a annoncé en juillet 2008 qu'il construirait une unité de production de fers à béton équipée d'un four à arc dans l'État du Pernambouc (nord-est du Brésil). La mise en service est prévue pour 2011.

- *Ferroeste Group* prévoit d'aller de l'avant avec son projet de construction d'une unité de production de produits longs de 500 000 tpa, à Açailândia (État du Maranhão). L'entreprise investira environ 141 millions USD dans ce projet. La mise en service était prévue pour 2010.

- *Usiminas* prévoyait de construire un nouveau laminoir à brames de plus de 5 millions tpa à Santana do Paraíso. Mais le projet a été suspendu sine die en juillet 2009. en raison des incertitudes qui pèsent sur l'évolution de la demande mondiale d'acier.

- *Vallourec & Sumitomo Tubos do Brasil (VSB)*, une coentreprise de fabrication de tubes sans soudure, mettra en service son train à tubes sans soudure au deuxième semestre 2010. Le projet d'un montant de 1.6 milliard USD comprend des hauts fourneaux au charbon de bois, un train à tubes sans soudure de 600 000 tpa et des installations de production d'acier brut de 1 million tpa à Jeceaba dans le Minas Gerais.

- Le groupe chinois *Wuhan Iron and Steel Group* et l'entreprise minière brésilienne *MMX* se sont mis d'accord en décembre 2009 sur la structure de l'actionnariat de la coentreprise pour la construction d'une nouvelle aciérie intégrée de 5 millions tpa dans l'État brésilien de Rio de Janeiro. *Wuhan* détiendra 70 % du nouveau projet et *EBX,* la société mère de *MMX*, le reste. Les deux entreprises ont décidé de commencer immédiatement les études afin d'obtenir toutes les autorisations nécessaires à la construction de la nouvelle aciérie d'ici mai 2010.

- L'entreprise minière *Vale* a annoncé une série de projets de production de brames. Cette annonce a été interprétée comme un moyen de vendre des produits à valeur ajoutée plutôt que des minerais mais aussi d'assurer parallèlement des ventes sur le marché intérieur afin d'accélérer la réalisation de nouveaux projets d'exploitation de minerai de fer.

- *ThyssenKrupp CSA (Companhia Siderúrgica do Atlântico)*, une coentreprise *Vale-ThyssenKrupp,* a commencé à produire en juillet 2010. L'unité de production de brames de 5 millions tpa dans l'État de Rio de Janeiro exploitera uniquement dans un premier temps un haut fourneau et une installation d'agglomération. Le deuxième haut fourneau devrait commencer à produire en 2011. ThyssenKrupp détient une participation de 73.13 % dans CSA et Vale 26.87 %. La mise en service était initialement prévue pour 2009.

- *ALPA (Aços Laminados do Pará)* construira une aciérie de 2.5 millions tpa à Marabá dans l'État de Pará (nord du Brésil) dont la mise en service est prévue pour 2013. En avril 2010, *Vale* a obtenu l'autorisation environnementale pour le projet. *ALPA* sera construite entièrement par *Vale.*

- La *Companhia Siderúrgica do Pecém (CSP)*, une coentreprise avec le Coréen *Dongkuk*, disposera à partir de 2013 d'une capacité de 3 millions tpa de brames pour l'exportation. Selon *Vale,* la capacité de production de brames pourrait être doublée dans une deuxième tranche et atteindre 6 millions tpa.

- La *Companhia Siderúrgica Ubu (CSU)* exploitera une unité de production de brames de 5 millions tpa implantée à Anchieta (État d'Espírito Santo) qui devrait entrer en service en 2014. *Vale* avait fait savoir qu'elle cherchait un associé pour ce projet qui remplacera l'ancien projet de *Companhia Siderúrgica Vitória (CSV),* une unité de production de brames de 5 millions tpa que *Vale* se proposait de construire dans le cadre d'une coentreprise avec le sidérurgiste chinois *Baosteel* dans cette même ville d'Anchieta.

Argentine

- Avant la crise économique mondiale, *Ternium Siderar*, premier producteur argentin de produits sidérurgiques plats, prévoyait d'installer une nouvelle machine de coulée continue de brames de 2.5 millions tpa et des équipements métallurgiques pour désengorger les activités de l'aciérie de San Nicolas et porter ainsi sa capacité de production d'acier brut de 2.9 à 4.0 millions tpa. Mais le projet reste bloqué jusqu'à ce que l'état du marché s'améliore.

- En septembre 2008, *Gerdau* a annoncé un projet de construction d'une nouvelle aciérie à Pérez qui porterait à 1 million tpa la capacité de production d'acier brut et d'acier laminé de *Sipar*, l'unité de laminage du Groupe *Gerdau* à Rosario. Une première tranche, comprenant un atelier de fusion de 650 000 tpa et une capacité supplémentaire de laminage de 450 000 tpa devrait être mise en service d'ici 2011 mais en raison de la crise financière internationale, le calendrier de réalisation a probablement été retardé.

Bolivie

- En janvier 2007, le sidérurgiste indien *Jindal Steel and Power* a signé un contrat avec le gouvernement bolivien pour investir 2.1 milliards USD durant les neuf prochaines années dans le projet sidérurgique de El Mutún. En mars 2010, *Jindal* a accepté d'investir environ 1.5 milliard USD au cours des quatre prochaines années et de démarrer la production d'acier au troisième trimestre 2014 afin de conserver sa participation de 50 % dans la coentreprise avec l'entreprise publique bolivienne *Empresa Siderúrgica del Mutún (ESM).* Au cours de la première tranche, ils prévoient de mettre en service une unité d'agglomération de 5 millions tpa, une aciérie à réduction directe de 2 millions tpa et une aciérie de 1.7 million tpa. Mais il semble que les relations entre le gouvernement bolivien et *Jindal* soient devenues difficiles. *ESM* a commencé de chercher de nouveaux investisseurs pour faire avancer le projet bolivien d'exploitation du minerai de fer.

Colombie

- L'entreprise brésilienne *Votorantim Siderurgia* envisage de porter à 700 000 tpa d'ici 2012 la capacité de *Acerías Paz del Río,* une aciérie intégrée fabriquant des produits plats et longs. La capacité actuelle est de 450 000 tpa.

- *Votorantim Siderurgia* et *Acesco* vont parachever le projet de construction en Colombie, en 2010, d'une aciérie intégrée de 1.4 million tpa fabriquant des produits plats. Elles espèrent obtenir, au deuxième semestre 2010, l'autorisation environnementale pour l'aciérie. Le coût de l'aciérie était initialement estimé aux environs de 1.5 milliard USD avec une mise en service prévue pour 2012.

Cuba

- L'entreprise publique de produits sidérurgiques longs *Antillana de Aceros*, qui fait partie de *Acinox SA*, a comme objectif de porter sa capacité à 500 000 tpa d'acier brut d'ici 2013 pour répondre à la demande locale et accroître les exportations de billettes vers les marchés d'Amérique centrale et des Caraïbes. L'aciérie est vieille de 50 ans et dotée d'une capacité nominale d'environ 300 000 tpa.

Équateur

- *Andec* a récemment mis en service un nouveau four à poche de 25 tonnes dans son aciérie de Guyaquil. Ce nouveau four permettra d'accroître la capacité de production de billettes qui passera de 90 000 tpa à 135 000 tpa. *Andec* prévoit de la porter à 200 000 tpa d'ici 2011.

- Le producteur équatorien de produits sidérurgiques longs *Novacero* a mis en service, en octobre 2009, un four à arc électrique de 120 000 tpa pour produire ses propres billettes. Actuellement, l'entreprise peut produire jusqu'à 120 000 tpa de barres et de profilés. Novacero prévoit de porter ultérieurement à 250 000 tpa sa production future d'acier brut.

- *Siderúrgica del Pacífico*, une aciérie en coentreprise entre les gouvernements du Venezuela et de l'Équateur, ne devrait pas être mise en service avant 2016 ; selon les premières estimations, les travaux de construction devraient démarrer en 2012. La capacité devrait s'élever à 500 000 tpa de produits sidérurgiques finis, probablement des produits longs.

Pérou

- *Aceros Arequipa* attendrait que la situation du marché s'améliore pour démarrer son projet d'expansion des capacités de production de 1.2 million tpa. Bien que le producteur péruvien de produits sidérurgiques longs ait mis en service une nouvelle unité de transformation dans son aciérie de Pisco en 2009 qui lui a permis d'accroître sa production jusqu'à 800 000 tpa, sa capacité totale de production d'acier brut ne dépasse pas 650 000 tpa. Le projet d'expansion était déjà approuvé mais fut bloqué en raison de la crise économique mondiale.

- Le producteur de produits sidérurgiques longs *Siderperú*, qui est contrôlé par le groupe brésilien *Gerdau,* portera sa capacité à 700 000 tpa d'ici 2010. Ce sidérurgiste produisait de l'acier brut dans deux fours à arc électrique qui devaient être remplacés par un nouveau four en juillet 2010. En 2008, *Siderperú* a annoncé un projet d'expansion visant à porter sa capacité de production d'acier brut à 1.5 million tpa d'ici 2011 et à 3 millions tpa d'ici la fin 2013 mais le projet a été mis en attente par suite de la crise financière.

Trinidad et Tobago

- *Essar Steel Caribbean* prévoit de construire une nouvelle aciérie intégrée de 2.5 millions tpa. *Essar* a signalé que les autorisations avaient déjà été obtenues pour les 200 hectares de terrains nécessaires à l'implantation de son aciérie.

Venezuela

- Le projet du gouvernement vénézuélien de construire une unité de production d'acier inoxydable en partenariat avec le gouvernement cubain, dénommée *Aceros del Alba venture* a été ratifié par le ministère des Mines du pays. L'aciérie pourrait être mise en service d'ici le quatrième trimestre de 2012. Le projet prévoit une unité de production d'aciers spéciaux et d'acier inoxydable de 500 000 tpa qui sera alimentée par du ferronickel cubain.

- Les travaux de construction de la nouvelle aciérie vénézuélienne publique *Siderúrgica Nacional* ont officiellement commencé dans la ville de Ciudad Piar. L'aciérie aura une capacité d'environ 1.55 million tpa d'acier brut, dont 800 000 tpa de bobines laminées à chaud, 350 000 tpa de tôles fortes et 160 000 tpa de brames. D'un coût total de 2.1 milliards USD, l'aciérie équipée d'un four à arc électrique devrait commencer à produire d'ici la fin 2011 ou le début 2012.

- Le gouvernement vénézuélien a confirmé qu'il investira 900 millions USD dans l'entreprise sidérurgique *Sidor* récemment nationalisée pour accroître ses capacités. Selon le ministre des Mines du pays, cet investissement vise à porter la capacité de production d'acier liquide de l'entreprise à 7 millions tpa d'ici 2012. Un précédent projet prévoyait une augmentation limitée à 5.7 millions tpa. Mais il a été signalé au début de 2010 que les pénuries d'énergie pesaient fortement sur *Sidor* et qu'elles ont ramené son taux d'utilisation des capacités à 25 % seulement.

AFRIQUE

La capacité de production d'acier de l'Afrique devrait augmenter et passer de 31.4 à 39.3 millions de tonnes entre 2009 et 2012. Le gros de cet accroissement se produira en Afrique du Nord, où la demande et les capacités de production d'acier ont augmenté en réaction aux perspectives favorables de développement de l'économie et de l'activité du secteur de la construction. Cependant, en Afrique centrale et australe, les capacités de production d'acier ne devraient guère varier dans l'ensemble bien que la demande d'acier augmente progressivement et que de nombreuses entreprises étrangères prévoient d'investir dans des projets miniers en raison de l'abondance des ressources naturelles de la région.

Algérie

- Le gouvernement algérien a refusé, pour des questions de participation majoritaire, le projet de *Ezz Steel* qui prévoyait de construire à Jigel une aciérie entièrement nouvelle de 3 millions tpa. *Ezz Steel* est en pourparlers avec le gouvernement algérien pour qu'il modifie sa loi sur les investissements qui plafonne à 49 % le niveau de participation étrangère.

Égypte

- *Al Ezz Steel Rebars (Ezz Steel)* a redémarré la production de son unité *EFS* de produits plats à Suez. La production avait été interrompue en novembre 2008 en raison de la crise financière mondiale. La capacité de *EFS,* qui était de 1.2 million tpa a été portée à 1.3 million tpa. *Ezz Steel* prévoit aussi de doter sa filiale *EFS* d'un atelier de fusion de 1.2 million tpa, dont la capacité passera ainsi de 1.3 à 2.5 millions tpa vers la mi-2012.

- Selon les médias locaux, le gouvernement égyptien a récemment annoncé que l'autorisation d'investissement accordée à *ArcelorMittal* pourrait être annulée si celle-ci ne respectait pas le calendrier de démarrage des travaux du projet. *ArcelorMittal* avait été autorisée début 2008 à construire une aciérie DRI (1.6 million tpa) et une unité de production de billettes (1.4 million tpa).

- Le producteur égyptien de barres et de fil machine *Beshay Steel* prévoit de construire une troisième aciérie à Sadat City, qui produira 1.3 million tpa de barres et de profilés et comprendra une aciérie DRI, un four à arc électrique de 165 tonnes, un four à poche de 165 tonnes et une coulée continue de billettes à 6 brins.

- *Suez Steel* prévoit de poursuivre son expansion avec une aciérie DRI de 1.95 million tpa et portera sa capacité de fonderie de billettes à 2.6 millions tpa en 2011. La société a signé un contrat avec Danieli en mars 2008 pour la construction d'une nouvelle mini-aciérie intégrée de 2 millions tpa.

- *Tiba* prévoit de construire une unité de production de billettes d'une capacité de production de 500 000 tpa. *Tiba* serait soutenue par la famille saoudienne Al-Rashed spécialisée dans la sidérurgie. Les autorités égyptiennes ont déjà délivré l'autorisation de construire la nouvelle aciérie.

Libye

- *The Libyan Iron & Steel Company (Lisco)* a l'intention de porter sa capacité de production d'acier brut de 1.79 à 4.16 millions tpa d'ici 2012-2013, en deux étapes, la première étant déjà en cours de réalisation.

Maroc

- *Liberty House, UK*, a créé une coentreprise avec *Moroccan Iron Steel (MIS)* et d'autres associés pour mener à bien trois nouveaux projets sidérurgiques au Maroc, dont la capacité totale devrait s'élever à 2 millions tpa.

- La société de relaminage de produits plats *Maghreb Steel* construit actuellement sa propre unité de production de brames qui comprendra un four à arc de 120 tonnes et une coulée continue de brames qui produira 1 million tpa d'acier brut ; la mise en service est prévue pour janvier ou février 2011.

Nigeria

- *African Steel Mills Nigeria*, fondée par la famille Gupta, a commencé à produire en 2004. La société exploite des fours électriques à induction dont la capacité totale de fusion s'élève à 200 000 tpa, et deux laminoirs. La société prévoit de construire deux autres mini-aciéries à Lagos et Abuja.

- En septembre 2008, l'Indien *Tulsyan Group* a signé un mémorandum d'accord avec le groupe de sociétés *Budhrani Group* implanté au Royaume-Uni, pour construire une aciérie au Nigeria d'ici la mi-2010. L'aciérie produira des billettes au moyen d'un four à induction, qui seront ensuite laminées en produits longs comme les fers à béton. La production s'élèvera à 60 000 tpa.

Afrique du Sud

- L'institution financière publique *Industrial Development Corporation (IDC)* a confirmé son projet de construction d'une aciérie de plusieurs milliards de dollars dans ce pays ou au Mozambique, qui devrait entrer en service en 2014.

Zambie

- *Universal Mining and Chemical Industries* a achevé l'alimentation en électricité de l'aciérie du district de Kafue. La capacité initiale de l'aciérie s'élèvera à 100000 tpa. Une aciérie à réduction directe sera ajoutée durant la deuxième tranche du projet. Le minerai de fer proviendra du gisement d'hématite de Sanje Hill situé à proximité, ce qui permettra de porter la capacité de l'aciérie à 200000 tpa.

MOYEN-ORIENT

Le marché de l'acier du Moyen-Orient est fortement touché par l'évolution des recettes pétrolières. Dans le passé, les hausses des prix du pétrole avaient eu tendance à stimuler l'activité du secteur de la construction et la demande d'acier, et la région était très tributaire des importations d'acier. Afin de réduire cette dépendance à l'égard des importations, de nombreux projets d'investissement visant à accroître la production locale d'acier ont été annoncés, mais certains ont été différés depuis 2008. Une bonne part de la demande d'acier de la région provenant du secteur du bâtiment-travaux publics, les produits longs sont les produits les plus demandés par les consommateurs d'acier. C'est pourquoi de nombreux sidérurgistes soit ont déjà construit des mini- aciéries à réduction directe, soit prévoient de le faire, afin de fabriquer des produits longs destinés aux marchés locaux. Les capacités totales devraient augmenter fortement dans cette région du monde et passer de 28.1 à 54.9 millions de tonnes entre 2009 et 2012.

Iran

- *Amir Kabir Steel,* une entreprise privée de laminage du nord de l'Iran, examine actuellement les offres de fournisseurs d'équipements pour la construction d'un atelier de fusion pour la production de billettes, de 350000 tpa. L'atelier de fusion comprendra notamment un four à arc et un four à poche de 50 tonnes chacun, une coulée continue à quatre brins, un système de dépoussiérage, un système de chargement de l'alliage et une aciérie à l'oxygène.

- *Arfa Iron & Steel* mettra en service son aciérie de 800000 tpa en mars 2011. Le projet comprendra une unité de 800000 tpa utilisant le procédé Midrex de réduction directe et une aciérie de 800 000 tpa, qui seront installées dans la ville d'Ardakan dans la province de Yazd au centre de l'Iran, à proximité de l'installation d'agglomération d'Ardakan.

- *Arian Steel* prévoit de mettre en service en 2010 trois unités qui lui permettront d'augmenter sa capacité de laminage de 1.08 million tpa et sa capacité de production d'acier de 300 000 tpa. Il s'agira d'un four à arc et d'un four à poche, d'une machine à lingoter et d'une machine de coulée continue.

- *Yazd Saman Steel* et *Asia Iron Melting Co* étaient sur le point d'achever la construction de deux nouvelles aciéries qui devraient entrer en service en 2010. Les deux aciéries, qui seront équipées de fours à induction, produiront des billettes. L'atelier de fusion de *Yazd Saman Steel* sera équipé de deux fours à induction de 12 tonnes et d'une machine de coulée continue à deux brins. Sa capacité de production de billettes s'élèvera à 90000 tpa. *Asia Iron Melting Co* exploitera deux fours à induction de 10 tonnes et une machine de coulée continue à deux brins. Elle disposera d'une capacité de 80000 tpa de fabrication de billettes.

- L'entreprise publique iranienne de laminage *Azarbayjan Steel*, construit une aciérie de 800 000 tpa, et compte porter sa capacité de laminage à 1 million tpa d'ici un an.

- *Bafgh Steel* est l'une des huit aciéries publiques en construction en dehors de la capitale, de 1 million tpa chacune. Cette aciérie se situe à proximité de la ville de Bafgh dans la province de Yazd, une région riche en mines de fer et notamment celles de Chador Malu et de Iran Central Iton Ore. L'aciérie deviendra opérationnelle en 2010-2012.

- *Baft Steel* compte parmi les huit projets sidérurgiques soutenus par les autorités iraniennes pour développer des régions souffrant d'un retard économique. La capacité de fabrication de billettes s'élèvera à 800000 tpa.

- *Bisoton Steel Complex* construira un nouvel atelier de fusion de 400 000 tpa, qui produira des billettes et devrait entrer en service fin 2012. Cet atelier sera construit en deux étapes, d'une capacité chacune de 200 000 tpa.

- *Boyerahmad Steel* a l'intention de doubler sa capacité et de la porter à 240000 tpa grâce à l'installation d'équipements supplémentaires. Elle étudie aussi la possibilité de construire un laminoir de 240 000 tpa et un module de production de fer de réduction directe de 300000 tpa.

- L'aciérie à réduction directe de *Chaharmahal va Bakhtiari* était construite à 42 % en mai 2009. Le projet, qui permettra de produire 1 million tpa de brames comprendra deux aciéries, actuellement en construction.

- *Esfahan Steel* a mis en service son troisième haut fourneau le 23 juillet 2009. D'une capacité de 1.4 million tpa, ce haut fourneau devrait permettre d'augmenter la production iranienne totale d'acier brut de 10 %. Dans le cadre de ce même projet, Esfahan prévoit de construire un quatrième haut fourneau de 1.4 million tpa et de porter sa capacité de fabrication de produits finis à 5 millions tpa.

- *Gambron Steel* prévoit de construire une aciérie. Les études de faisabilité pour la construction d'une aciérie équipée de trois hauts fourneaux d'une capacité de 2 millions tpa d'acier brut ont été achevées.

- Le producteur iranien de minerai de fer *Gol-e-Gohar* prévoit de construire une aciérie d'une capacité de 1.6 million tpa d'acier brut pour produire des billettes. Le projet comprendra un module de production de fer par réduction directe Midrex de 1.6 million tpa et deux aciéries équipées de fours à arc de 800000 tpa chacune.

- Le laminoir à brames du sidérurgiste iranien *Hormozgan Steel* devait entrer en service pendant l'été 2010. Le projet comprend deux modules de production de fer par réduction directe Midrex, de 825000 tpa, une aciérie équipée de deux fours à arc électrique, deux fours à poche et une coulée continue de brames à deux brins de 1.5 million tpa.

- *Iran Alloy Steel Co* va plus que doubler sa capacité de production d'acier pour la porter à 450 000 tpa d'ici 2010. Le projet comprend un troisième four à arc de 40 tonnes, un four à poche de 40 tonnes, une station de dégazage et une coulée continue à 4 brins ainsi que la modernisation d'autres équipements. *Iran Alloy Steel Co* compte en outre construire, d'ici 2012, une mini-aciérie d'une capacité de 650000 tpa qui produira des aciers au carbone.

- *Iran Spiral Co* prévoit d'installer une aciérie à réduction directe de 1 million tpa à Isfahan. Ce projet comprendra aussi l'installation complète d'un atelier de fusion et d'une coulée continue pour produire 400 000 tpa de billettes.

- *Jafari Industrial Group* construit actuellement *Jafari Alloy Steel Plant*, une mini-aciérie de 450 000 tpa. Située dans l'ouest de l'Iran, cette mini-aciérie comprend un atelier de fusion équipé d'un four à arc et d'un laminoir à produits longs. Par ailleurs, JI Group installe aussi des fours à induction de 25 tonnes dans son aciérie actuelle, *Malayer Alloy Steel. A*ctuellement la capacité de l'aciérie s'élève à 100000 tpa d'acier brut, mais elle atteindra sa capacité nominale de 400000 tpa après la mise en service des deux nouveaux fours à induction.

- *Kavir Steel Complex* va construire deux nouveaux laminoirs capables de produire 550000 tpa de barres crénelées et 300000 tpa de profilés. Dans le cadre d'un plan de développement, l'entreprise prévoit aussi de construire un atelier de fusion et une machine de coulée continue de 300000 tpa.

- *Kerman Steel Industries* a l'intention de construire un atelier de fusion et une coulée continue de 300000 tpa. Le projet démarrera dès que tous les financements auront été assurés et que des offres auront été reçues des fournisseurs étrangers. Située dans le sud-est de l'Iran, *Kerman Steel* produit actuellement 150 000 tpa de barres crénelées et des barres rondes lisses en laminant des billettes.

- Le producteur iranien de fers à béton *Kermanshah Steel*, situé près de la frontière iraquienne, va installer une aciérie de 400000 tpa, alimentée par un haut fourneau. La capacité actuelle de laminage de l'entreprise s'élève à 150000 tpa ; elle lamine des billettes fournies par d'autres sidérurgistes iraniens ou des billettes d'importation.

- *Khorasan Steel* construit actuellement un nouvel atelier de fusion de 800 000 tpa et augmente aussi la capacité de son aciérie qui passera de 650000 tpa à 800 000 tpa. *Khorasan Steel* prévoyait aussi de mettre en service, en septembre 2010, son deuxième module de production par réduction directe. Le module Midrex a une capacité de 800 000 tpa et coûtera environ 1.38 trillion IRR. *Khorasan* a mis en service son premier module de production de fer pré-réduit de 800 000 tpa en janvier 2010.

- *Khouzestan Oxin Steel*, un producteur de tôles d'acier larges prévoit de construire une aciérie à réduction directe de 1.2 million tpa et une unité de production de métal chaud de 1 million tpa pour compléter sa chaîne de production mais les restrictions financières ont entravé le bon déroulement de ces projets.

- L'entreprise publique iranienne *Khouzestan Steel* étudie actuellement plusieurs offres techniques et commerciales d'entrepreneurs pour la construction d'un méga module de production par réduction directe de 1.6 million tpa. Un appel d'offres pour la construction d'une machine de coulée continue pour la production de brames larges a déjà été retenu et le contrat attribué. Le nouveau module et la machine de coulée font partie d'un projet d'accroissement de sa capacité de production de produits semi-finis qui passera de 3.2 à 5 millions tpa. *Khouzestan Steel* a par ailleurs pris le contrôle du projet bloqué de l'aciérie de *Khorramshahr* situé à proximité de la frontière iraquienne et entend le mener à bien. La construction de l'aciérie de *Khorramshahr Steel & Iron,* d'une capacité de 2 millions tpa, avait été interrompue en 2008 pour des raisons financières. Actuellement le projet va reprendre dans le cadre d'une coentreprise conclue entre *Khouzestan Steel* (51 %), *Ahvaz Mill & Pipe Co* (10 %), et une société d'investissement de la province du Khouzestan (39 %).

- *Mahkar Industrial Co*, située dans la ville industrielle de Esterhard, cherche actuellement à se procurer une installation de coulée continue ainsi qu'un atelier de fusion pour alimenter son unité de production actuelle d'environ 200 000 tpa.

- *Maybod Steel Company*, un producteur de fonte de la province de Yazd dans le centre de l'Iran, va accroître sa production de fonte et démarrer la construction d'une aciérie, selon la société holding métallurgique et minière Imidro. Sa capacité de production de fonte qui est actuellement de 300000 tpa, sera portée à 645 000 tpa. Elle installera aussi une unité de production de billettes de 650000 tpa.

- L'entreprise publique iranienne *Mobarakeh Steel* construit plusieurs installations sidérurgiques et prévoit d'atteindre une capacité de 10 millions tpa d'ici mars 2012. Ces installations augmenteront de1.2 million tpa la capacité de production d'acier brut de l'aciérie d'Esfahan qui totalisera 5.4 millions tpa d'acier brut au terme de la première année de mise en service. *Mobarakeh* a également l'intention de doubler la capacité de 700000 tpa de *Saba Mill*. Par ailleurs, le projet *Shahid Kharazi* permettra d'augmenter la capacité de 3 millions de tonnes supplémentaires grâce à des modules DRI, à trois fours à arc électrique, une ligne de coulée continue et des laminoirs pour produire des brames minces et des bobines laminées à chaud.

- *Natanz Steel* construit une aciérie de 850000 tpa qui devrait entrer en service en 2011 ; elle est implantée sur un site de 1200 hectares proche de la ville de Natanz dans la province d'Esfahan au centre de l'Iran.

- *Navard Foulad Gilan*, une unité de laminage du secteur privé, va construire un atelier de fusion de 450 000 tpa ainsi qu'un autre laminoir de 300 000 tpa. La technologie du four à induction sera préférée car elle consomme moins d'électricité et elle est moins coûteuse à construire que le four à arc.

- *North West Steel Industries (NSWI)* prépare actuellement une lettre de crédit pour financer la construction d'une aciérie équipée d'un module DRI Midrex de 800 000 tpa, d'un four à arc de 800 000 tpa, d'un four à poche et d'une coulée continue à un seul brin pour la production de billettes.

- *Safa Rolling & Pipe Mills (SRPM)*, membre du *Safa Industrial Group*, prévoit d'accroître ses capacités par l'installation d'un nouveau laminoir à rails et à profilés lourds de 400 000 tpa, d'un laminoir à profilés moyens de 400 000 tpa et d'un nouvel atelier de fusion de 800 000 tpa. *SRPM* prévoit aussi de construire une deuxième aciérie de 800 000 tpa de billettes ainsi que deux laminoirs légers. *Safa Industrial Group* prévoyait aussi de construire la plus grande aciérie du Moyen-Orient dans la ville iranienne de Khorramshahr. La capacité de production d'acier brut de l'aciérie s'élèvera à 9.2 millions tpa. Pendant la première tranche du projet, Safa commencera à produire des bobines et des tôles laminées à chaud d'ici fin 2008 avant d'accélérer le rythme et de produire à pleine capacité fin 2010. Cependant, le projet ne semble pas progresser.

- *Samangan Steel Industries* a récemment signé avec Iritec, une société iranienne d'ingénierie agréée Midrex, un contrat d'ingénierie, pour l'approvisionnement et la construction d'une aciérie DRI de 820 000 tpa. Cette unité de production de fer par réduction directe constitue la première tranche de l'installation d'une aciérie intégrée. La deuxième tranche du projet portera sur la construction d'une aciérie qui produira 750000 tpa de billettes

- *Semnan Hot Rolling Mills* prévoit d'installer un atelier de fusion de 1 million tpa, un laminoir de 235000 tpa pour la production de fers à béton et de barres lisses et un laminoir de 235 000 tpa qui produira des poutrelles légères.

- *Shahrood Steel Co* a signé un contrat de 30 millions USD avec Siemens VAI Metals Technologies pour la fourniture d'un four à arc de 50 tonnes, d'un four à poche de 50 tonnes, d'une coulée continue à 3 brins et d'autres équipements d'un atelier de fusion.

- En 2009, *South Kaveh Steel* a démarré la construction de son aciérie de 1.2 million tpa, qui devrait être achevée d'ici trois ans. Elle comprendra un four à arc de 170 tonnes, un four à poche de 170 tonnes et une coulée continue à six ou huit brins. *South Kaveh Steel* construit aussi deux modules DRI Midrex de 925 000 tpa.

- *Tata Steel* a mis en attente son projet de nouvelle aciérie de 3 millions tpa en Iran en raison des incertitudes tenant à la situation politique. En 2007, *Tata Steel* a signé un mémorandum d'accord avec la PGSEZ – Persian Gulf Special Economic Zone (Zone économique spéciale du Golfe persique) pour des terrains et d'autres équipements d'infrastructure dans la zone économique spéciale à Bandar Abbas.

- *Zagros Steel*, une fonderie de 70000 tpa, située dans la province de Kordestan, envisage d'accroître ses capacités et de produire de l'acier à l'aide d'un convertisseur à oxygène de 300 000 tpa.

Bahreïn

- Par l'intermédiaire de sa filiale *United Steel Company (USCO)*, *United Steel Holding Company (Foulath)* a investi 1.2 milliard USD dans une unité de production de profilés moyens et lourds. Elle disposera d'une unité DRI fournie par Kobe et Midrex, d'une capacité prévue de 1.5 million tpa mais qui produira 1.8 million tpa lorsqu'elle tournera à plein rendement. La capacité de l'atelier de fusion s'élèvera à 1.2 million tpa et il produira 1 million tpa de profilés moyens et lourds. L'investissement dans l'unité de production de profilés se fera dans le cadre d'une coentreprise avec le Japonais *Yamato Kogyo*. *Foulath* détiendra une participation de 51 % et *Yamato* les 49 % restants.

Iraq

- Le Groupe saoudien *Astra Industrial Group* a achevé la procédure d'acquisition de 51 % d'une unité du Jordanien *Al Maseera International Co*, qui construit une aciérie à Bassora dans le sud de l'Iraq. L'aciérie de *Al Maseera* qui est en construction, produira 450 000 tonnes de billettes et 350000 tonnes de fers à béton. Le démarrage de la production commerciale de l'installation est prévu pour fin 2010.

- *Al Sumood Company*, une entreprise de coulée, de forgeage et de revêtement implantée à Bassora, a lancé un appel d'offres en 2008 pour un atelier de fusion, un laminoir et les services essentiels qui y sont liés. L'installation pourra produire 432 000 tpa de fers à béton.

- *Al-Tanmiya Plant for Steel Industries* a repoussé à juin-juillet 2010 l'ouverture de sa nouvelle aciérie initialement programmée pour décembre 2009. L'aciérie *Al-Tanmiya* sera équipée d'un four à arc de 60 tonnes fourni par VAI Fuchs, d'un four à poche, d'une coulée continue à 3 brins et d'un laminoir Pomini.

- *ArcelorMittal* a signé un mémorandum d'accord pour créer une coentreprise avec le Turc *Dayen* afin de construire une mini-aciérie en Iraq, à Sulaimaniyah dans le nord du pays ; elle sera équipée d'un four à arc et produira, dans un premier temps, 250000 tpa de fers à béton à partir de ferraille locale. *ArcelorMittal* et *Dayen* prévoyaient de mettre le projet en route au deuxième trimestre de 2010 et espèrent commencer la production au début du quatrième trimestre de 2011 ; celle-ci pourrait finalement être portée à 500 000 tpa.

- *Kanoos Group*, une entreprise indienne active au Koweït, prévoit d'installer une nouvelle aciérie en Iraq. Elle a également l'intention de commencer à produire de l'acier au Koweït. Cette aciérie iraquienne se situera à Erbil dans la région kurde au nord du pays. Elle fondra de la ferraille pour produire des fers à béton et sa capacité totalisera 100000 tpa.

- Le constructeur d'usines coréen *STX Heavy Industries* a signé un mémorandum d'accord avec le gouvernement iraquien pour la construction d'une aciérie intégrée de 3 millions tpa dans la province de Bassora dans le sud de l'Iraq. L'aciérie produira 1.2 million tpa de bobines laminées à chaud et autant de fers à béton ainsi que 600000 tpa de profilés. Après l'achèvement de ce projet de 3 milliards USD, l'aciérie sera exploitée par la *State Company for Iron & Steel*.

Jordanie

- *Jordan Steel* devrait achever l'expansion de sa production de billettes d'ici la fin 2010 et selon les prévisions, sa capacité de production de billettes devrait atteindre 360 000 tpa contre 240000 tpa actuellement. L'entreprise prévoyait d'achever le projet avant la crise de 2008 mais celui-ci a été retardé.

Koweït

- L'Indien *Kanoos Group* a décidé de mettre en attente son projet d'aciérie *Gulf Steel* au Koweït, au moins jusqu'au premier trimestre de 2011 tandis qu'il concentre ses efforts sur une installation similaire dans la région iraquienne du Kurdistan.

- Les travaux de construction par *United Steel Industrial Co (Unisteel)* de la nouvelle unité de production de billettes au Koweït capable de produire 1 million tpa d'acier ont démarré. L'entreprise Danieli fournira un four à arc de 120 tonnes, un four à poche de 120 tonnes et une coulée continue de billettes à 5 brins. La capacité de production de fers à béton de l'entreprise qui s'élève actuellement à 600000 tpa atteindra 1million tpa lorsque l'unité de production de billettes sera achevée en 2010.

Oman

- *Shadeed Iron & Steel* construit actuellement une unité de fabrication de briquettes de fer pressées à chaud (HBI) alimentée au gaz, dans la zone industrielle portuaire de Sohar dans le Sultanat d'Oman. L'entreprise installera aussi une aciérie équipée d'un four à arc que *Shadeed* avait commandé à China Shougang International Trade Company il y a quatre ans. En mai 2010, le sidérurgiste indien Jindal Steel & Power a décidé d'acquérir Shadeed.

- *Sharq Sohar Steel*, le producteur de fers à béton du Sultanat d'Oman, prévoit de porter sa capacité de production de billettes de 250000 tpa à 400000 tpa d'ici 2012. L'entreprise a mis en service en 2008 l'unité de production de billettes équipée d'un four à arc.

Qatar

- En avril 2005, *Essar Global*, la Division des investissements étrangers de *Essar Steel*, a signé un mémorandum d'accord avec *Qatar Steel* pour la construction d'une aciérie de 4 millions tpa dans la ville industrielle de Mesaieed au Qatar.

- *Qatar Steel* a signé un contrat avec Siemens VAI pour une nouvelle aciérie qui lui permettra d'augmenter sa capacité de fusion de 30 %. La capacité de production du four à arc électrique de *Qatar Steel* est actuellement de 1.47 million tpa. La nouvelle aciérie sera mise en service au deuxième trimestre 2012 et durant les cinq années suivantes, la capacité de production d'acier semi-fini de l'aciérie devrait monter à 4 millions tpa.

- *Seashore Group* va construire son premier laminoir à profilés de 120 000 tpa baptisé *Seashore Steel & Pipe*, à Doha. L'entreprise produira ses propres billettes et les relaminera pour obtenir des profilés, notamment des poutrelles et des fers en U. L'entreprise prévoit aussi de construire une unité de fabrication de tubes une fois achevée la construction du laminoir à profilés.

Arabie Saoudite

- Le projet de construction d'une aciérie de 1 million tpa pour un coût de 265 millions USD de *Al Atoun Steel Industrie* à Yanbu est en attente en raison d'un retard dans l'attribution de combustible pour l'installation et de l'agrément du ministère du Pétrole et des Ressources minérales. L'aciérie devrait produire 500000 tpa de billettes d'acier et 500000 tpa de barres pour armature métallique. L'aciérie devrait être achevée au deuxième trimestre de 2012.

- Le producteur saoudien de produits longs *Al-Rajhi Steel* prévoit d'investir 1.07 milliard USD pour porter ses capacités à 1.8 million tpa de fer de réduction directe, 1 million tpa de billettes, 1.7 million tpa de fers à béton et 200000 tpa de produits marchands, comme les tubes et tuyaux. L'entreprise dispose actuellement d'une unité de production de billettes de 850 000 tpa à Djeddah.

- *Al-Tuwairqi Holding Company*, une entreprise privée implantée en Arabie Saoudite , mettra en service un nouveau complexe sidérurgique de 2 millions de tonnes en 2010 qui lui permettra de porter la capacité de production de billettes d'acier du Groupe à 3 millions de tonnes. Le complexe sidérurgique, qui compte une unité de production de billettes, une unité de réduction directe et un atelier de fusion, s'appellera la *Arab Iron and Steel Company.*

- Le producteur saoudien d'acier à béton *Al Yamamah Steel* a signé un contrat avec Danieli pour la fourniture d'un four à arc électrique de 850 000 tpa. Le projet comprend aussi un four à poche de 100 tonnes et une coulée continue à cinq brins. L'installation des équipements a commencé en janvier 2009 et la production devrait démarrer au troisième trimestre de 2011. Le complexe devrait fonctionner à pleine capacité courant 2012.

- *Saudi Iron and Steel Co (Hadeed)* a signé un accord avec Danieli pour la fourniture d'une unité de production de billettes et d'une ligne de galvanisation pour les produits longs. L'aciérie se situera à Jubail et produira dans un premier temps 1 million tpa de billettes. La production devrait commencer au deuxième semestre de 2012.

- *Pan Kingdom Invest Company* construit actuellement une mini-aciérie de 250 millions USD dénommée *South Steel Co*, dans la ville économique de Jizan. En avril 2007, la société a sélectionné l'équipementier allemand SMS pour fournir un atelier de fusion de 1 million tpa et un laminoir à fers à béton de 500000 tpa dont la mise en service est prévue pour la mi-2011.

- *United Gulf Steel Mill (UGS)* investit 640 millions USD dans un nouveau laminoir à profilés lourds. Ce laminoir, qui devrait être installé à Jubail près de l'actuel laminoir à profilés moyens de 450000 tpa, sera fourni par Danieli et alimenté par un nouvel atelier de fusion de 800000 tpa. La nouvelle installation devrait être mise en service en 2011.

- *Universal Metal Coating (Unicoil)* prévoyait de construire une mini-aciérie de 3 millions tpa pour fabriquer des produits plats. La construction devait démarrer au premier semestre de 2008 après réception de l'autorisation définitive. Le projet initial, qui devait comprendre l'installation d'un atelier de fusion équipé d'une coulée continue de brames alimentée par une aciérie à réduction directe intégrée et un laminoir à bandes à chaud, ne semble pas progresser.

Syrie

- *Damask Metals* prévoit d'installer un nouvel atelier de fusion de 75 000 tpa pour produire des billettes d'acier et un nouveau laminoir de 350 000 tpa pour produire des fers à béton et du fil machine.

- *General Company for Iron and Steel Products (Hadeed Hama)* prévoit de porter sa capacité de production de billettes à 288 000 tpa. Un contrat a été conclu avec la société indienne Apollo pour moderniser l'atelier de fusion.

- L'entreprise syrienne de relaminage de fers à béton *Joudco Steel* commencera à produire des billettes fin 2010. La capacité annuelle de sa nouvelle unité de production de billettes s'élèvera à 750 000 tonnes. Cette unité, qui sera gérée par une coentreprise avec des associés étrangers sera implantée dans la zone industrielle d'Adra à Damas

- *Mediterranean Steel Co (MedSteel)* prévoit de construire une nouvelle aciérie qui produira 750 000 tpa de billettes à section carrée dans la ville industrielle d'Adra.

- Le Syrien *Hamsho Group* cherche à construire un nouvel atelier de fusion dans le pays. Sous le nom de *Syria Metal Industries* il produira des billettes pour un nouveau laminoir à Damas. La capacité de l'atelier de fusion s'élèvera à 800000 tpa. A l'issue du démarrage de la production de billettes, l'entreprise a l'intention de mettre en service son nouveau laminoir à fers à béton de 450000 tpa.

Émirats arabes unis

- *Emirates Steel Industries (ESI)* a inauguré, en juin 2009, la première des deux tranches de son plan d'expansion. *ESI* ajoute un atelier de fusion d'une capacité de 1.4 million tpa et une aciérie à réduction directe d'une capacité de 1.6 million tpa qui sera mise en service en décembre 2010. *ESI* construira aussi un laminoir à profilés lourds de 1 million tpa d'ici le premier trimestre de 2012. En outre, *ESI* ajoutera un laminoir réversible de 1.2 à 1.3 million tpa dans le cadre de la troisième tranche de son programme d'investissement, et ajoutera aussi un laminoir longitudinal à tubes soudés à l'arc submergé. Ces deux unités entreront en service à la mi- 2012. Le train à tôles fortes et à tubes sera alimenté par une aciérie DRI de 1.5 à 1.6 million tpa et un atelier de fusion capable de produire 1.4 million tpa de brames.

Yémen

- *Al-Rahabi Trading Industrial Group* prévoit de construire une nouvelle aciérie intégrée de 1 million tpa, d'un coût de 250 millions USD.

- Le Saoudien *Al-Tuwairqi Group* prévoit d'investir 1 milliard USD dans la construction d'une aciérie, qui produira 5 millions de tonnes d'acier liquide et d'une centrale électrique au Yémen. Par ailleurs, la société construira un laminoir qui produira 1 million tpa de fers à béton. L'investissement prévoit aussi la construction d'une centrale électrique qui doit être mise en service en 2011.

- *Mukalla Iron & Steel* construit actuellement un atelier de fusion équipé d'un four à induction (150 000 tpa) et un laminoir à fers à béton et à profilés légers (300 000 tpa) ; la production devait commencer en septembre 2010.

ASIE

Les capacités de production d'acier des pays asiatiques non membres de l'OCDE devraient augmenter de 147.5 millions de tonnes d'ici 2012, dont 90 millions de tonnes pour la seule Chine (61% du total). Mais le rythme d'accroissement des capacités chinoises se ralentira durant les prochaines années. L'Inde pour sa part fournira 28% de ce total et le rythme d'accroissement devrait s'accélérer par la suite. Plusieurs économies émergentes de la région, comme le Viêtnam et plusieurs autres économies de l'Asie du Sud-Est ont d'ambitieux projets d'expansion de leurs capacités de production, qui les conduiront à jouer un rôle grandissant dans l'évolution des capacités de la région.

Durant la précédente décennie, la Chine n'a pas cessé d'accroître ses capacités au point de devenir le premier producteur mondial d'acier avec 46.4 % de la production mondiale en 2009, et ses capacités devraient s'élever à 815 millions de tonnes d'ici 2012. Cette hausse rapide des capacités et de la production, qui a été le fait non seulement des grandes entreprises publiques comme Baosteel mais aussi de fonderies privées, a eu de graves conséquences pour l'environnement parce que de nombreuses entreprises sidérurgiques petites et moyennes n'ont pas respecté efficacement les normes d'environnement. Cet essor de la sidérurgie a aussi contribué à solliciter fortement les approvisionnements en minerai de fer et en charbon de coke, et fait monter considérablement leurs prix. Face à cette situation, les autorités ont adopté une série de mesures destinées à limiter les capacités. C'est ainsi que le gouvernement central a ordonné la fermeture, d'ici fin 2011, des hauts fourneaux de moins de 400 m³ et des convertisseurs/fours à arc électrique de moins de 30 tonnes. Durant l'année 2010, les autorités prévoient de fermer 25 millions de tonnes d'installations sidérurgiques obsolètes et 6 millions de tonnes de capacités de production d'acier. Actuellement, les aciéries chinoises accélèrent le rythme des fermetures et arrêtent les hauts fourneaux de moins de 300 m³ et les fours à oxygène pur/fours à arc électrique de moins de 20 tonnes afin de respecter les délais fixés par les autorités.

De plus, en juin 2010, le Conseil d'Etat a publié une directive visant à promouvoir l'amélioration de l'environnement et le regroupement de l'industrie sidérurgique chinoise. Les autorités centrales veulent que 60 % des capacités de production d'acier soient contrôlées par les 10 plus grands groupes sidérurgiques d'ici 2015 alors que ce pourcentage s'élevait à 44 % en 2009. La directive interdit aux autorités locales d'approuver, avant fin 2011, tout nouveau projet d'accroissement des capacités de production. D'après diverses sources médiatiques, si ces interdictions ne sont pas nouvelles et si un moratoire similaire adopté l'an dernier est resté pour une bonne part ignoré, cette dernière directive est rédigée en des termes plus stricts et prévoit des sanctions plus sévères que les précédentes en cas de non respect.

Chine

- Les groupes *Anshan Iron & Steel*, basé dans la province de Liaoning, et *Lingyuan Iron & Steel* prévoient de mettre en service en 2010 leur laminoir à chaud de 2 millions tpa installé à Chaoyang dans la province de Liaoning. Cette coentreprise représente un investissement total de 822 millions USD. *Anshan Steel* possède 75 % des parts et *Lingyuan Steel* 25 %. Pour obtenir l'approbation des autorités pour ce projet, *Lingyuan Steel* a accepté de fermer progressivement toutes ses capacités sidérurgiques (2,2 millions tpa) après la mise en service du nouveau projet.

- *Anshan Iron & Steel Group* envisage de porter sa capacité de production d'acier brut à 60 millions tpa en 2015. La capacité du Groupe est actuellement de 25 millions tpa et une fois achevé le processus de reprise des activités de *Panzhihua Iron & Steel (*8 millions tpa) dans la Province de Sichuan, fin 2010 ou début 2011, cette capacité s'élèvera à 33 millions tpa. L'objectif de 60 millions tpa tient compte des capacités de production d'acier brut de *Benxi Iron & Steel* qui devraient être portées à 14.6 millions tpa d'ici 2012. *Anshan Steel* et *Benxi Steel* ont entamé leur processus de fusion en 2005 qui n'a guère avancé depuis.

- Cependant, les autorités de la province de Liaoning ont annoncé en juin 2010 que la fusion de *Benxi Iron & Steel* et *Beitai Iron & Steel* avait officiellement commencé. Elles ont aussi annoncé que la nouvelle entité s'appellera *Benxi Iron & Steel Group* et regroupera la gestion du capital, des achats, des ventes, des investissements, de la recherche et des ressources humaines des deux sociétés. La capacité du nouveau groupe *Benxi Iron & Steel* sera d'environ 20 millions de tonnes. Si la fusion entre *Anshan Steel* et *Benxi Steel* se révèle efficace, la capacité de production totale d'acier brut du nouveau groupe *Anshan Benxi* s'élèvera à 53 mtpa, ce qui en fera le premier groupe sidérurgique de Chine.

- *Xinpu Iron & Steel*, une aciérie du secteur privé implantée à Anyang dans la province de Henan en Chine centrale devrait mettre en service son premier laminoir à la fin du mois de juin 2010. En outre, un deuxième convertisseur de 80 tonnes qui est en cours de construction pourrait commencer à produire d'ici fin 2010.

- *Baotou Iron & Steel* et le producteur de fonte *Huanghe Gongmao Group* ont créé une coentreprise pour construire une aciérie intégrée qui produira 2 millions tpa de fil machine, de barre et de tôles laminées à chaud dans la ville de Wuhai située dans le nord de la région autonome de Mongolie-Intérieure. Cette coentreprise 51/49 dénommée B*aogang Wanteng Iron & Steel,* a été constituée en septembre 2009.

- Le groupe *Baosteel* qui est implanté à Shanghai a signalé sur son site web en juin 2010 qu'il entendait porter sa capacité à 50 millions tm d'ici 2012 et à 66 millions de tonnes d'ici 2015. Le Groupe avait annoncé en septembre 2007 qu'il voulait la porter à 80 millions de tonnes d'ici 2012. *Baosteel,* qui a produit 38.9 millions de tonnes d'acier brut en 2009, augmentera ses capacités en partie par le biais de fusions et d'acquisitions et s'emploiera à améliorer la compétitivité de ses produits et de ses coûts. S'agissant de sa stratégie sur les marchés extérieurs, le Groupe prévoit de mettre l'accent sur les approvisionnements en matières premières, le développement de ses activités de vente et de service et la construction d'aciéries.

- *Shanghai Pudong Iron & Steel*, une filiale de *Baosteel Group,* mettra en service en 2010 sa deuxième unité de production de réduction directe utilisant le procédé Corex à Luojin, dans la zone portuaire de Shanghai. La nouvelle unité Corex aura une capacité de 1.5 million tpa de métal chaud. Par la suite, Pudong Steel mettra en service un convertisseur de 150 tonnes, une coulée continue de brames et un laminoir à tôles fortes de 1.4 million tpa.

- *Baoshan Iron & Steel,* une filiale de *Baosteel Group,* prévoit d'augmenter la capacité dans son unité de production d'aciers spéciaux de plus de 50 % pour la porter à 1.5 million tpa d'ici 2012. Le sidérurgiste chinois a fait savoir qu'il investirait, à partir de 2007, 1.2 milliard USD dans de nouveaux projets et dans la modernisation d'équipements existants afin d'atteindre cet objectif de capacité.

- *Baosteel Group Xinjiang Bayi Iron & Steel* a mis en service un haut fourneau de 2500 m^3 qui portera sa capacité de production de fonte à 6 millions tpa en 2009. Il prévoit de porter d'ici 2012 sa capacité de production d'acier à 10 millions tpa et a commencé la construction de son haut fourneau N°3 (2500 m^3) en février 2010. Actuellement, *Bayi* peut produire 8 millions tpa d'acier brut.

- *Shanghai Meishan Iron & Steel (Meigang)*, une filiale de *Baosteel Group*, démarrera la construction d'un nouveau train à bandes à chaud de 3 millions tpa au deuxième trimestre de 2010. Il avait commencé à construire au premier semestre les installations en amont de ce train : un convertisseur et un haut fourneau de 4070 m^3. Le nouveau train à bandes à chaud devrait être

mis en service en mai 2012. Actuellement, *Meigang* a une capacité de production d'acier brut de 3.5 millions tpa. Avec la mise en service du nouveau train à bandes à chaud, ainsi que de son haut fourneau et du convertisseur, cette capacité passera à 7 millions tpa.

- La province de Guangdong, dans le sud de la Chine, a annoncé en mai 2010 son programme de fermeture de capacités nécessaire pour obtenir l'agrément du nouveau *projet d'aciérie intégrée Zhanjiang* de *Baosteel* qui va bientôt démarrer. La province a fait savoir qu'elle fermera une autre aciérie obsolète de 5 millions tpa dans trois ans, soit la totalité des installations sidérurgiques (3.5 millions tpa) de *Guangzhou Iron & Steel, et* 1.5 million tpa de capacité de production d'acier de *Shaoguan Iron & Steel. Baosteel* démarrera sous peu la première tranche de son *projet Zhanjiang* qui lui permettra d'accroître sa capacité de production d'acier brut de 5 millions tpa. Cette première tranche devrait s'achever fin 2011 ou début 2012. Le *projet Zhanjiang* devrait être terminé en 2015 et la capacité de production d'acier brut devrait s'élever à 20 millions tpa. Il a été annoncé en 2008 que *Baosteel Group,* la Commission de la province de Guangdong chargée de l'administration et de la supervision des actifs appartenant à l'État (SASAC) et la SASAC de la ville de Guangzhou ont adopté un programme de co-investissement dans une nouvelle entité : *Guangdong Iron & Steel Group.* D'après ce programme, le nouveau groupe sera enregistré à Guangzhou et *Baosteel* détiendra 80% des parts. La SASAC de Guangdong et la SASAC de Guangzhou introduiront *Shaoguan Iron & Steel Group* et *Guangzhou Iron & Steel Group* dans la nouvelle entité pour leur assurer les 20 % restants.

- Entre temps, *Shaoguan Iron & Steel* développera ses capacités pour les porter à 8 millions tpa lorsque les installations obsolètes auront été remplacées. L'aciérie de 5 millions tpa, implantée dans la province de Guangdong, prévoit de supprimer trois batteries de fours à coke, deux unités d'agglomération, un convertisseur, deux laminoirs et quelques hauts-fourneaux de moindre capacité.

- En août 2009, le producteur d'acier privé *Changzhou Zhongtian Iron & Steel (*qui fabrique des produits pour le secteur de la construction) a démarré la construction d'une nouvelle aciérie à proximité de l'actuelle, ce qui lui permettra de pratiquement doubler sa capacité pour la porter à 10 millions tpa d'ici 2011.

- *Chongqing Iron & Steel* qui transfère ses activités du district de Dadukou dans la ville de Chongqing afin d'améliorer l'environnement de la ville mettra en service son train à bandes à chaud de 3 millions tpa dans la « Changshou Chemical Zone » de *Chongqing* vers la fin juin 2010, ce qui portera la capacité sidérurgique totale de la société à 6.5 millions tpa.

- *Dazhou Iron & Steel Group*, grand producteur d'acier à béton et de fil machine dans la province de Sichuan, a mis en service un nouveau laminoir à barres (1.1 million tpa) fin mai 2010. Un nouveau convertisseur de 120 tonnes destiné à alimenter le laminoir à barres a été mis en service fin avril ; ces nouveaux équipements lui ont permis d'accroître ses capacités de production d'acier brut et de produits sidérurgiques finis et de les porter à environ 3.5 millions tpa chacune.

- Dans le nord-est de la Chine, *Dalian Jinniu,* une filiale de *Dongbei Special Steel Group,* déplacera ses activités actuellement basées dans le district de Ganjingzi dans la province de Liaoning. L'entreprise envisage de porter ses capacités à 1.2 million tpa d'acier brut et 1.1 million tpa de produits sidérurgiques finis d'ici 2010. L'aciérie actuelle peut produire 500 000 tpa de produits sidérurgiques longs inoxydables pour roulements et ressorts.

- *Echeng Iron & Steel*, qui fait partie de *Wuhan Iron & Steel* s'est fixée les objectifs de capacité suivants à atteindre d'ici 2010 : 4.4 millions tpa de fonte, 4.7 millions tpa d'acier brut et

5 millions tpa de produits sidérurgiques finis. Actuellement, la capacité de production d'acier d'*Echeng* est d'environ 3 millions tpa.

- *Formosa Plastics Group* du Taipei chinois a reçu l'agrément des autorités chinoises du Taipei pour son projet de construction dans la province de Fujian d'une unité de production d'acier inoxydable (720 000 tpa) la *Fujian Fuxin Special Steel,* en collaboration vec *Fujian Sangang Group Co.* Le projet passe par la création d'une co-entreprise 50:50 avec *Sangang Group*.

- *China Oriental Group,* qui est coté à la bourse de Hong Kong, a déclaré dans son rapport annuel qu'il envisageait de porter sa capacité de production d'acier brut à plus de 10 millions tpa d'ici la fin de 2010 au moyen de fusions et d'acquisitions. En 2009, sa capacité, qui s'est élevée à 7 millions tpa correspondait principalement à celle de son aciérie de *Jinxi Iron & Steel,* dans la province du Hebei dans le nord de la Chine.

- *Handan Zongheng Iron & Steel* a mis en service en septembre 2008 une unité de production intégrée de 2 millions tpa de bobines laminées à chaud et mettra en service en 2009-2010 un autre laminoir à chaud de 4 millions tpa. Ces deux laminoirs se trouvent dans le tout nouveau complexe sidérurgique de 6 millions tpa de *Zongheng* à Cangzhou à proximité d'un port maritime de la zone côtière de Bohai. Ce nouveau complexe compte trois hauts fourneaux de 2 500 m^3 et trois convertisseurs de 180 tonnes.

- *Hebei Iron & Steel Group (Hegang Group),* premier sidérurgiste chinois, poursuit l'intégration de ses actifs internes. En juin 2010, la filiale de ce géant de la sidérurgie, *Hebei Iron & Steel* cotée en bourse a annoncé qu'un accord avait été signé avec *Handan Iron & Steel* qui appartient aussi au *Hegang Group* pour l'acquisition d'une participation à 100 % dans *Hanbao Iron & Steel,* filiale de *Handan Steel.* Cette opération d'acquisition augmentera la capacité de production d'acier brut de *Hebei Steel* de 4.5 millions tpa. *Hanbao Steel* a mis en service son train à bandes à chaud intégré à la fin de 2008 tandis que la deuxième tranche de construction du train à bandes à froid sera mise en service fin 2010.

- En juin 2008, *Tangshan Iron & Steel Group* a fusionné avec *Handan Iron & Steel Group* pour créer *Hebei Iron & Steel Group* d'une capacité de 32 millions tpa. En 2009, moyennant un échange d'actions, deux des filiales cotées du Hegang Group : *Handan Iron & Steel Co.* et *Chengde Xinxing Vanadium & Titanium* ont été intégrées dans *Tangshan Iron & Steel Co,* cotée en bourse. Pour compléter cet échange d'actions, la nouvelle entreprise agrandie *Tangshan Iron & Steel Co* a été renommée *Hebei Iron & Steel Co.* qui est devenue le seul membre coté du *Hegang Group.*

- *Hegang Group* a fermé environ 4 millions tpa d'installations anciennes pour modernisation. Le Groupe a récemment fait savoir qu'il se préparait aussi à apporter d'autres actifs non cotés, notamment *Xuanhua Iron & Steel* et *Wuyang Iron & Steel.* Actuellement, *Xuanhua Steel* construit deux convertisseurs de 150 tonnes qui seront installés d'ici août 2010, et augmenteront la capacité de production d'acier brut d'environ 3.4 millions tpa. *Wuyang Steel* prévoit aussi de porter sa capacité de production d'acier à 6 millions tpa.

- *Chengde Iron & Steel*, une filiale du *Hebei Iron & Steel Group*, fermera quatre petits hauts fourneaux (moins de 450 m3) d'ici 2010. *Chengde Steel* qui est implantée dans la ville de Chengde, province du Hebei, investira 527 millions USD pour moderniser ses équipements en 2009 et 2010. En août 2009, *Chengde Steel* a mis en service un nouveau haut fourneau de 2 500 m^3 dans le cadre du projet d'expansion de sa capacité de 3 millions tpa et portera sa capacité totale à 8 millions tpa.

- *Hengyang Valin Steel Tube*, important producteur de tubes sans soudure implanté dans la province de Hunan, Chine centrale, a démarré en décembre 2010 la construction d'un nouveau train de 500 000 tpa qui produira des tubes sans soudure de qualité supérieure, de diamètres de 114-180 mm. Il s'agira de son sixième train à tubes, qui lui permettra de porter sa capacité annuelle à 2 millions tpa. Avec un investissement total de 245 millions USD, le projet devrait commencer les essais en décembre 2011.

- *Huaye Special Steel*, implantée en Mongolie-Intérieure, exploite une unité de production intégrée de produits plats et de tubes en acier inoxydable de 600 000 tpa et prévoit de porter sa production à 1 million tpa d'ici 2010.

- *Jiangsu Shagang Group*, qui est le plus grand groupe sidérurgique privé de Chine, a annoncé en 2009 qu'il prévoyait de porter sa capacité de production d'acier brut à plus de 30 millions tpa en 2010 essentiellement par le biais d'acquisitions. Depuis 2006, *Shagang* prend des participations dans les aciéries voisines. Il détient actuellement 64 % de *Jiangsu Huaigang Special Steel*, 25% de *Jiangsu Yonggang Group*, 80% de *Anyang Yongxing Steel,* (qui prévoit d'accroître sa capacité de production d'acier de 1.5 million de tonnes en 2010), et 51 % dans *Xinrui Special Steel.* Par ailleurs, en janvier 2010, *Shagang* a acquis *Jiangsu Xixing Group.*

- Le premier producteur chinois d'aciers spéciaux, *CITIC Pacific Special Steel Holdings*, s'est fixé pour objectif de porter sa capacité à 9 millions tpa en deux ans tandis que *CITIC Pacific* est en pourparlers pour vendre sa participation de 65 % dans *Shijiazhuang Special Steel* (2.6 millions tpa). *CITIC Pacific* accroîtra alors les capacités de ses deux autres filiales productrices d'aciers spéciaux: *Jiangyin Xingcheng Special Steel* et *Hubei Xinyegang Special Steel*. Le coût de cette expansion est estimé aux environs de 2.8 milliards USD. En 2009, *Xingcheng Steel* a achevé la construction des équipements en amont de deux laminoirs à tôles fortes d'une capacité totale annuelle de production d'acier de 3 millions tpa. Les deux laminoirs sont en construction. Le laminoir à bandes de 3 500 mm de large devrait être terminé au premier semestre 2010 et le laminoir à bandes de 4 300 mm devrait être terminé au premier semestre 2011. *Xinyegang Steel* démarre un projet de modernisation de 586 millions USD en vue de porter ultérieurement sa capacité de production d'aciers spéciaux à 3 millions tpa.

- *Chengde Jianlong Iron & Steel*, une filiale du *Jianlong Steel Group,* installera un nouveau haut fourneau de 1 250 m^3 et deux convertisseurs de 70 tonnes. Mais l'un des nouveaux convertisseurs servira à raffiner des produits au vanadium et au titane. La capacité de la filiale sera doublée et atteindra alors 2 millions tpa.

- *Jinan Iron & Steel* construit actuellement son troisième laminoir à tôles fortes ainsi que de nouvelles installations en amont : un haut fourneau de 3 200 m^3 et un convertisseur de 210 tonnes. Le laminoir d'une largeur de 4 300 mm et d'une capacité de 1.8 million tpa entrera en service en 2010. En outre, *Jinan Steel* éliminera progressivement d'ici 2010 ses hauts fourneaux de 350 m^3, ses convertisseurs de 40 tonnes ou moins, ainsi qu'une aciérie située à proximité du centre ville de Jinan. Entre temps *Jinan Steel* et *Laiwu Steel* ont fusionné fin 2006 pour créer *Shandong Iron & Steel Group*, qui a également fait l'acquisition de 67 % de *Rizhao Steel* en 2009 mais les choses n'ont guère bougé jusqu'en novembre 2009 lorsque la cotation des actions des deux aciéries a été suspendue à la Bourse de Shanghai. La radiation de la cote à la Bourse de Shanghai est en vue pour *Jinan Steel* ou *Laiwu Steel* car *Shandong Steel Group* accélère le rythme de la fusion.

- *Shandong Iron & Steel Group* and *Rizhao Iron & Steel* ont signé un accord de regroupement en septembre 2009 pour la création d'une coentreprise : *Shandong Steel Group Rizhao Co.* Aux

termes de l'accord, *Rizhao Steel* détiendra 33 % de la coentreprise grâce à l'apport de ses actifs sidérurgiques tandis que *Shandong Steel* paiera comptant les 67 % de sa participation. Parmi ses tâches prioritaires pour 2010, la société veut procéder à l'intégration des activités de *Shandong Steel Group* et aller de l'avant avec son projet de construction d'une unité intégrée de fabrication de produits sidérurgiques plats de 20 millions tpa à Rizhao. Ce projet était planifié depuis environ deux ans mais les travaux n'ont pas encore commencé. *Shandong Steel* prévoit d'achever d'ici 2011 la construction de la première tranche de l'unité qui produira 10 millions tpa.

- En mars 2010, *Zhangdian Iron & Steel Works,* qui fait partie du groupe *Shandong Iron & Steel Group,* a démarré la construction d'un nouveau convertisseur de 120 tonnes, pour alimenter les deux nouveaux trains à fil machine qui seront mis en service vers octobre 2011. Le convertisseur sera mis en service d'ici la fin de 2010. Actuellement, *Zhangdian* produit des aciers à béton et des barres rondes dans une aciérie d'environ 1 million tpa qui est alimentée par son premier convertisseur de 120 tonnes et un haut fourneau de 1 350 m^3. Toutes ces installations se trouvent sur le nouveau site de l'entreprise à Zibo, une ville du comté de Huantai, à une dizaine de kilomètres au nord de son ancienne aciérie située dans la zone urbaine de cette ville. Après la fermeture en mars du dernier haut fourneau en service sur son ancien site, *Zhangdian* a achevé le transfert de ses activités qui avait été ordonné par les autorités locales afin de réduire la pollution dans la zone urbaine.

- *Jincheng Fusheng Iron & Steel,* une entreprise du secteur privé située dans la province de Shanxi, a récemment démarré la construction d'un nouveau haut fourneau de 1.3 million tpa. *Fusheng* prévoit de commencer les essais à chaud au premier trimestre de 2010. *Fusheng* construira ensuite un autre haut fourneau de même capacité qui entrera en service fin 2010. Deux nouveaux convertisseurs de 85 tonnes seront alimentés par les hauts fourneaux.

- *Jiuquan Iron & Steel Group,* qui est l'un des grands sidérurgistes du nord-ouest de la Chine, prévoit d'accroître de 1.2 million tpa la capacité de production de produits longs de sa filiale *Yuzhong Iron & Steel* située dans la ville de Lanzhou, dans la province de Gansu. Les nouveaux équipements comprendront un laminoir à poutrelles légères en H de 600 000 tpa, un laminoir à barres de 600 000 tpa, un haut fourneau de 2 800 m^3 et un convertisseur de 120 tonnes.

- *Magang Group Holding* réalise un projet de transfert et de modernisation de *Maanshan Iron & Steel* et *Magang (Hefei) Iron & Steel*. *Maanshan Steel* sera dotée d'un nouveau haut fourneau de 5 000 m^3, d'un convertisseur de 300 tonnes et d'un laminoir à bandes à chaud de 1 580 mm. *Hefei Steel* sera dotée d'un nouveau train à bandes à froid de 1 550 mm et d'une unité de galvanisation. Ce projet permettra de produire 3 millions tpa d'aciers plats. Les travaux devraient être achevés début 2011.

- *Nanjing Iron & Steel* se prépare à construire un tout nouveau complexe sidérurgique de 4 millions tpa dans la zone portuaire de Lianyungang dans la province de Jiangsu. Ce nouveau complexe sidérurgique comprendra un laminoir à tôles fortes de 5 mètres de large et de 1.5 million tpa. L'entreprise attend l'accord de la Commission provinciale du développement national et de la réforme (NDRC).

- *Panzhihua Iron & Steel* a pratiquement terminé les travaux préparatoires d'aménagement du site de construction de sa nouvelle aciérie intégrée de 3.5 millions tpa, *Xichang New Steel Enterprise,* dans la région autonome de Liangshan de la province de Sichuan. *Panzhihua Steel* a annoncé que le nouveau complexe pourrait être mis en service vers la fin 2011. L'aciérie pourra produire 4 millions tpa de fonte, 3.6 millions tpa d'acier brut et 3.5 millions tpa de bobines laminées à chaud. *Anshan Iron & Steel* a achevé les négociations de fusion avec *Panzhihua Steel* en vue de

son projet de constitution prochaine du mega complexe sidérurgique chinois de 50 millions tpa. Toutefois, un dirigeant d'*Anshan Steel* a fait savoir que les décisions finales sur les questions de répartition des effectifs et des flux fiscaux au niveau régional seront prises à Pékin car *Anshan Steel* est une entreprise publique. *Anshan Steel,* implantée à Liaoning, a fait l'acquisition de *Panzhihua Steel* et *Dong Bei Special Steel Group* dans le cadre des mesures de regroupement édictées par Pékin et présentées dans le Programme de réforme et de revitalisation de l'industrie sidérurgique qui a été rendu public le 20 mars 2009.

- *Hanzhong Hanjiang Iron & Steel* de Shaanxi dans le nord-ouest de la Chine a été officiellement constitué le 28 juin 2009 à l'issue de la fusion de *Hanzhong Iron & Steel*, *Lueyang Iron & Steel*, et *Hanzhong Jialing Mining.* Le même jour, la nouvelle entreprise a organisé une cérémonie pour lancer son projet d'expansion de 5 millions tpa. La ville de Hanzhong prévoit de commencer par regrouper ses aciéries locales et autres actifs affiliés avant de créer un groupe sidérurgique plus vaste en les fusionnant avec *Longmen Iron & Steel Group*. Les autorités locales de Shaanxi veulent aussi construire de nouvelles installations dans la province et remplacer les anciennes installations de *Hanzhong Steel* et *Lueyang Steel.* Selon un représentant de l'administration locale, la première tranche sera achevée d'ici fin 2010 et l'ensemble du projet devrait être terminé en 2015.

- *Shaanxi Longmen Iron & Steel* portera ses capacités de production d'acier brut à environ 7 millions tpa d'ici la fin 2010. Actuellement, la capacité de production d'acier brut de l'entreprise est d'environ 4 millions tpa. *Shaanxi Longmen* construit deux hauts fourneaux de 1 280 m³ et deux convertisseurs de 120 tonnes. De plus, *Shaanxi Longmen* cherche à accroître sa capacité de production d'acier brut pour la porter à 10 millions tpa d'ici la fin de son douzième plan quinquennal (2011-2015) afin de répondre à une demande potentielle importante observée dans le nord-ouest de la Chine.

- *Shandong Fulun Iron & Steel*, la filiale sidérurgique du Shandong Jiuyang Group, va faire sa première incursion dans la production de fil machine. La mise en service de deux laminoirs à fil de 700 000 tpa chacun est prévue pour le milieu de 2011. La mise en service des équipements en amont destinés à alimenter les lignes de production de fil machine devrait intervenir avant la fin de 2010. Il s'agit essentiellement d'un haut fourneau de 1 650 m³ et d'un convertisseur de 140 tonnes actuellement en construction.

- *Shougang Group* a déjà fermé 4 millions tpa de capacités de production d'acier brut dans l'aciérie de *Beijing Shougang* à Shijingshan. Il achèvera la fermeture des 4 millions tpa restants en 2010 lors du transfert de ses activités dans l'île de Caofeidian dans la province du Heibei où il construit une nouvelle aciérie intégrée dans le cadre d'une coentreprise 51%-49 % avec *Tangshan Iron & Steel* (qui fait partie du *Hebei Iron & Steel Group*).

- *Shougang Jingtang United Iron & Steel*, coentreprise 51%-49% entre *Shougang* et *Tangshan Iron & Steel,* a commencé la mise en service de la première tranche de l'aciérie de 4.85 millions tpa sur l'île de Caofeidian, en mai 2009. *Shougang Jingtang* devrait produire 8.98 millions tpa de fonte, 9,7 millions tpa d'acier et 9,13 millions tpa de produits finis lorsque tous les projets auront été achevés. La coentreprise prévoit de mettre en service son deuxième haut fourneau et quatre convertisseurs durant le deuxième semestre de 2010.

- *Shougang Changzhi Iron & Steel*, qui a été reprise par *Shougang* en 2009 a démarré un nouveau projet d'expansion en mars 2010 pour accroître d'environ 1 million tpa, ses capacités de production d'acier brut et de produits sidérurgiques finis, ce qui portera le total à 3.6 millions tpa.

Les travaux devraient être achevés en un an. L'objectif est de doubler la capacité de l'aciérie pour la porter à 6 millions tpa d'ici la fin du douzième plan quinquennal de Changzhi (2011-2015).

- En février 2009, *Shougang* a démarré la construction d'une cokerie dans le cadre d'un projet sidérurgique intégré dans la province de Guizhou. La cokerie devrait entrer en service d'ici la fin de février 2011 et son coût est estimé à environ 468 millions USD. La capacité de cokéfaction sera de 6 millions tpa et la capacité de production d'acier de 5.5 millions tpa ; il s'agira de produits sidérurgiques plats de grande qualité. Mais la date d'achèvement du projet est incertaine. En janvier 2009, *Shougang* a constitué une coentreprise : *Guizhou Shouqian Resources Development Co,* pour mener à bien le projet. *Guizhou Panjiang Refined Coal Co*, *Guizhou Qiangui Power Co*, et *Shuicheng Iron & Steel* figurent au nombre des associés. *Shougang* détient une participation de 51 % dans la coentreprise et les trois autres parties détiennent des participations de 25 %, 15 % et 9 % respectivement.

- *Shougang Shuicheng Iron & Steel*, une filiale de *Shougang* dans la province de Guizhou, a lancé de nouveaux projets d'expansion pour accroître ses capacités de production d'acier brut et de produits sidérurgiques finis afin de les porter respectivement de 3 à 5 millions tpa chacune. L'installation d'un nouveau haut fourneau de 2 000 m³, qui a démarré en mars 2010, augmentera d'environ 2 millions tpa sa capacité de production de fer. Elle pourrait être suivie prochainement de la construction d'un nouveau convertisseur.

- *Shougang Yili Iron & Steel* prévoit de porter sa capacité à 2 millions tpa d'ici fin 2011. Grâce aux nouveaux équipements, la filiale de *Shougang* qui produit actuellement des billettes et des feuillards, sera en mesure de produire des tubes soudés et sans soudure ainsi que des aciers à béton. La construction a démarré sur ce projet qui fait partie d'un projet d'expansion plus vaste de 3 milliards USD visant à porter la capacité à 5 millions tpa d'ici 2013 ou 2014. L'unité de fabrication de produits sidérurgiques longs sera construite à Yili, une ville située dans la région autonome de Xinjiang Uygur.

- *Tangshan Shougang Baoye Iron & Steel*, une filiale de *Shougang Group*, prévoit de mettre en service deux laminoirs à tôles fortes en 2010, ce qui augmentera sa capacité de 3.8 millions tpa. *Shougang Baoye* a également commandé trois nouvelles coulées continues de brames dans le cadre de son plan d'expansion pour l'alimentation de ses laminoirs à tôles fortes. Chacune de ces coulées continues aura une capacité de 1.4 million tpa. *Tangshan Shougang Baoye Iron & Steel* qui est basée dans la ville de Tangshan dans la province du Hebei est détenue à 65 % par *Shougang* et à 35 % par la principale aciérie du secteur privé *Tangshan Baoye Group.*

- *Shougang Group* a pris le contrôle de *Tonghua Iron & Steel*, un sidérurgiste de la province de Jilin, qui produit 6 millions tpa. Un dirigeant de *Shougang* a déclaré en juillet 2010 que le septième sidérurgiste chinois avait acquis une participation de 77.59 % dans *Tonghua Steel* pour un montant de 368 millions USD. *Shougang* a racheté la participation à la filiale de Jilin de la Commission chargée de l'administration et de la supervision des actifs appartenant à l'État (SASAC) qui conserve une participation de 10 % dans *Tonghua Steel.* L'autre actionnaire important est China Huarong Asset Management Corp. qui détient une participation de 10.33 %. Un rapport de la SASAC signale que *Tonghua Steel* espère porter sa capacité à 7.5 millions tpa d'ici la fin de 2013. En avril 2008, *Jilin Iron & Steel Co,* une filiale de *Tonghua Steel,* a démarré la construction de son laminoir à chaud de 1 450 mm.

- *Tangshan Changcheng Iron & Steel Group Yanshan Iron & Steel*, une aciérie privée située dans la province du Hebei au nord de la Chine, a commencé à développer ses activités en amont en vue d'accroître ses capacités d'environ 2 millions de tpa. La mise en service était prévue pour le

début 2010. Les principaux équipements installés comprendront deux hauts fourneaux de 1 080 m³, un convertisseur de 150 tonnes et une coulée continue à 8 brins pour produire des blooms et des billettes rondes.

- *Tangshan Ganglu Iron & Steel*, un sidérurgiste du secteur privé installé dans la ville de Zunhua dans la province du Hebei, prévoit de doubler sa capacité actuelle de 3 millions de tpa d'acier brut pour la porter à 6 millions tpa. L'entreprise a construit deux nouveaux hauts fourneaux de taille moyenne en 2008 et 2009.

- Un nouveau groupe sidérurgique, *Tianjin Bohai Iron & Steel Group*, a été officiellement constitué le 13 juillet 2010 à Tianjin. Ce groupe est issu du regroupement de quatre grandes entreprises sidérurgiques publiques et a reçu le soutien des autorités locales. La capacité de production d'acier brut du nouveau groupe totalisera environ 22 millions tpa. Étant donné que certains membres comme *Tianjin Metallurgy Group* continuent de développer les capacités, cette capacité totale pourrait encore augmenter. Les autres membres du nouveau groupe sont *Tianjin Pipe Corporation Group*, *Tianjin Tiantie Metallurgical Group* et *Tianjin Iron & Steel.* Le groupe fabrique des produits plats, des produits longs, des tubes et des torons d'acier.

- *Wuhan Iron & Steel* prévoit de porter sa capacité de production d'acier brut qui est d'environ 40 millions tpa actuellement à 60 millions tpa d'ici fin 2015. Selon des médias locaux, le sidérurgiste de Chine centrale a défini son objectif de production dans son plan de développement pour 2011-2015 qu'il a présenté récemment à l'administration centrale. Les 20 millions de tpa supplémentaires seront produits essentiellement dans l'aciérie de *Wuhan Steel* à Fangchenggang et les équipements nécessaires seront vraisemblablement mis en service avant la fin 2015. Pékin n'a pas encore donné l'accord requis pour commencer les travaux à Fangchenggang car le gouvernement est préoccupé par les excédents de capacité de l'industrie sidérurgique chinoise. *Guangxi Iron & Steel Group,* qui est la structure juridique destinée à faciliter l'intégration de *Wuhan Steel (C*hine centrale) et *Liuzhou Iron & Steel* (Province de Guangxi, Chine du Sud), a été officiellement enregistrée en 2008. *Liuzhou Iron & Steel Group* a été transféré de la SASAC (Commission chargée de l'administration et de la supervision des actifs appartenant à l'État) de la province de Guangxi vers le groupe nouvellement enregistré qui sera principalement chargé de préparer le projet sidérurgique de Fangchenggang (10 millions tpa pour la première tranche). Le travail de préparation a déjà commencé. D'après une annonce de *Liuzhou Steel,* le capital social de *Guangxi Iron & Steel Group* est de 46.837 milliards RMB. *Wuhan Steel* a payé 37.47 milliards RMB pour acquérir 80 % des parts du groupe. La SASAC de la province de Guangxi a introduit *Liuzhou Steel* dans la nouvelle entité pour acquérir les 20 % restants.

- En juillet 2008, *Kunming Iron & Steel*, une filiale de *Wuhan Steel*, a reçu l'agrément de la Commission du développement national et de la réforme pour construire une aciérie intégrée dans la ville de Kunming, en vue de produire essentiellement des produits plats. Le nouveau complexe, qui aura une capacité de 3.05 millions tpa de produits finis et devrait être intégralement mis en service d'ici 2012, portera la capacité totale de production d'acier brut de *Kunming Iron & Steel* à 10 millions tpa.

- *Yangchun New Iron & Steel*, une filiale de *Xiangtan Iron & Steel (Hunan Valin Iron & Steel Group)*, a mis en service, en février 2010, un nouveau convertisseur de 120 tonnes d'une capacité de production d'acier brut d'environ 1.2 million tpa. La nouvelle unité alimentera un laminoir à barres de 800 000 tpa inauguré fin janvier. Ces nouveaux équipements sont installés dans la nouvelle aciérie implantée dans la zone industrielle de Yangchun Nanshan dans la ville de Yangchun. L'entreprise a déjà commencé la construction d'une deuxième tranche sur le même site qui permettra de doubler la capacité pour produire environ 2.4 millions tpa de fonte et

2.4 millions tpa d'acier brut en 2010. Par suite de la mise en service des équipements de sa nouvelle aciérie, les capacités obsolètes de *Yangchun* situées dans le centre de la ville de Yangchun pourraient bientôt devoir être fermées : 500 000 tpa de fer, 550 000 tpa d'acier et 600 000 tpa d'aciers à béton.

- *Xilin Iron & Steel* prévoit de doubler sa capacité de production d'acier et de la porter à 4 millions tpa d'ici fin 2010. À cet effet, l'aciérie a récemment mis en service un haut fourneau de 1 080 m³ d'une capacité de 1 million tpa de métal chaud. Il remplacera deux petits hauts fourneaux de 130 m³ chacun lorsqu'il sera pleinement opérationnel. *Xilin Iron & Steel* et sa filiale *Acheng Iron & Steel* ont pour but d'atteindre une capacité de 6 millions tpa d'acier brut et de produits sidérurgiques finis dans un proche avenir.

- *Xingtai Iron & Steel* dans la province du Hebei fait son entrée sur le marché de l'acier inoxydable en lançant un projet de production d'acier inoxydable de 350 000 tpa. Ce projet doit permettre de produire environ 350 000 tpa de billettes en acier inoxydable et en aciers spéciaux pour alimenter son train à fil machine. La mise en service de la nouvelle aciérie était prévue pour octobre 2010.

- *Xiyang Group* prévoit de se doter d'équipements (1.92 million tpa) pour produire des feuillards en acier au carbone et en acier inoxydable laminés à chaud, dans le comté de Changjiang (province de Hainan). Ce projet de 1 milliard de USD permettra de produire 1.42 million tpa de feuillards en acier au carbone et en acier faiblement allié laminés à chaud et 500 000 tpa de feuillards laminés à chaud en acier inoxydable. *Xiyang Group* dont le siège est situé dans la province de Liaoning dans le nord-est, est un conglomérat public qui produit des produits réfractaires, des engrais, de l'acier, des produits chimiques houillers et gère aussi des activités commerciales.

- *Yunnan Yuxi Xianfu Iron & Steel*, qui est un producteur de barres et fil-machine du secteur privé implanté dans le Yunnan, a l'intention d'augmenter la capacité de ses installations sidérurgiques pour la porter de 550 000 tpa à 1.5 million tpa en 2010.

Indonésie

- Le premier producteur indien d'acier inoxydable, *JSL* (anciennement *Jindal Stainless*) s'est retiré d'un projet de coentreprise avec l'Indonésien *PT Aneka Tambang (Antam)* destiné à produire 20 000 tpa de ferronickel et 250 000 tpa d'acier inoxydable. *Antam* étudie maintenant les moyens de mener à bien le projet après le retrait de Jindal et n'a pas encore arrêté les dates de construction et de mise en service des installations.

- Au premier trimestre 2011, *PT Delta Prima Steel* prévoit de mettre en service un laminoir à billettes de 100 000 tpa à Plehari dans la province de Kalimantan du sud. L'unité de production sera équipée d'installations de réduction directe et sa construction démarrera début 2010 ; elle sera alimentée par les minerais de la mine de *PT Delta Prima Steel* située à proximité.

- *PT Indoferro* prévoit de construire une unité de production de billettes d'acier de 600 000 tpa à Cilegon, dans la province javanaise de Banten. Le projet prévoit l'installation d'un haut fourneau de 450 m³ et d'un four à l'oxygène pur de 40 tonnes. La mise en service de son haut fourneau a été reportée de 2010 à 2011.

- L'entreprise indonésienne d'État *Krakatau Steel* a l'intention de conclure un accord début mai 2010 avec le Coréen *Posco* en vue de créer une coentreprise chargée de mener à bien un projet de construction d'une aciérie intégrée de 6 millions tpa à Cilegon-Banten, dans l'ouest de Java. La première tranche, d'un coût estimé à environ 3 milliards USD, comprendra une unité de

production de 3 millions tpa de brames, de bobines laminées à chaud et l'installation d'un laminoir à tôles fortes. L'investissement total pour le projet s'élève à 6 milliards USD et la mise en service est prévue pour fin 2013 ou début 2014.

- *Mandan Steel* a signé un mémorandum d'accord avec le Chinois *Zhengzhou Yongtong Special Steel* en vue d'exploiter conjointement l'unité de production de billettes de 1 million tpa de *Mandan* dans la province indonésienne de Kalimantan. *Mandan Steel,* une filiale de *China Nickel Resources Holding,* cotée à la bourse de Hong Kong, prévoit de mettre en service l'unité de production de billettes durant le premier semestre de 2011. Il est prévu, dans une seconde étape, de porter la capacité de l'unité à 3 millions tpa.

- *PT Aneka Tambang (Antam)* a interrompu la création d'une coentreprise avec le Chinois *Tsingshan Holding Group* destinée à exploiter des gisements de nickel dans l'île d'Obi et à construire une aciérie intégrée de 300 000 tpa, pour la production de ferronickel et d'acier inoxydable. Cette décision a été prise à la suite du retrait, par l'administration régionale de South Halmahera, de l'autorisation d'exploitation.

Laos

- Le groupe chinois *Kunming Iron & Steel* a engagé la première tranche du projet de construction de son unité de production de produits sidérurgiques longs de 500 000 tpa, *Lao Iron & Steel,* en mai 2010. Cette première tranche devrait être achevée au deuxième semestre de 2011 et sa capacité s'élèvera à 200 000 tpa. La capacité sera portée à 500 000 tpa après l'achèvement de la deuxième tranche qui n'a pas encore été programmée.

Malaisie

- *Ann Joo Steel Bhd* a récemment achevé la modernisation de son atelier de fusion équipé d'un four à arc électrique de 90 tonnes, et porté ainsi la capacité de production de billettes de 750 000 tpa précédemment à 800 000 tpa. En outre, la mise en service d'un haut fourneau de 500 000 tpa au deuxième semestre de 2010 permettra de porter à 1.2 million tpa la capacité de production de billettes.

- *Acerinox* et son associé japonais *Nisshin Steel* vont construire une nouvelle unité de production d'acier inoxydable, *Bahru Stainless Sdn Bhd,* en Malaisie. La mise en service du train de laminage à froid est prévue au deuxième semestre de 2011. Dans une première étape, la capacité de production de l'unité malaisienne sera de 240 000 tpa dont 180 000 tpa de produits laminés à froid. Un atelier de fusion de 1 million tpa sera construit et la capacité de laminage à froid sera portée ultérieurement à 600 000 tpa.

- *Eastern Steel Sdn Bhd* prévoit de construire un mini haut fourneau de 530 m³ (volume intérieur) et une coulée continue de brames de 700 000 tpa, durant la première phase qui s'achèvera d'ici 2012-2013. Un laminoir à bandes à chaud d'environ 350 000 tpa sera installé pendant la deuxième phase.

- Le *Lion Group* prévoit de mettre en service son premier haut fourneau de 2.5 millions tpa au troisième trimestre de 2010. L'adjonction du haut fourneau à son complexe sidérurgique de Banting augmentera la quantité de matières premières disponible pour alimenter les deux aciéries de *Lion* au sein du complexe, *Amsteel Mills* pour les produits sidérurgiques longs et *Megasteel* pour les produits sidérurgiques plats. Outre le haut fourneau, le Groupe prévoit d'augmenter les capacités de 1.6 million de tonnes grâce à l'installation d'un convertisseur LD, d'un four à poche,

d'une machine de coulée continue de brames et d'un laminoir à tôles fortes de taille moyenne. L'investissement s'élève à 1.75 milliard MYR. La machine de coulée continue de brames de 1.6 million tpa et le laminoir à tôles fortes de 1.6 million tpa seront installés après le haut fourneau.

- *Maegma Steel HRC Sdn Bhd*, une filiale de *Melewar Industrial Group,* prévoit de construire une mini-aciérie à réduction directe à Lumut dans l'ouest de la Malaisie pour produire des bobines laminées à chaud.

- *Perwaja Steel* prévoit de mettre en service son nouveau four à arc électrique de 750 000 tpa au deuxième semestre de 2010 pour répondre aux signes de reprise tant de la demande locale que de la demande mondiale d'acier. La mise en service avait été prévue initialement en octobre 2009.

Myanmar

- *L'Aciérie N° 4 (Mingyan Steel Plant)*, construite par la *Myanmar Economic Corporation,* sous l'égide du ministère de la Défense, a été ouverte en mars 2010. Implantée près du village de Hsakha, la capacité de l'aciérie *Mingyan*, qui est de plus de 200 000 tonnes de billettes et de brames d'acier par an, sera portée ultérieurement à 400 000 puis 500 000 tonnes.

Corée du Nord

- Le Chinois *Tangshan Iron & Steel* prévoit d'établir une coentreprise sidérurgique de 1.5 million tpa en Corée du Nord ; il s'agirait de la première entreprise chinoise qui concrétiserait un projet sidérurgique dans le pays. *Tangshan Iron & Steel* a signé à ce sujet une lettre d'intention avec le gouvernement mais le projet ne semble guère avancer.

Philippines

- *Global Steel Philippines* envisage l'intégration en amont de son unité d'Iligan à Mindanao (dans le sud des Philippines) afin de construire une aciérie intégrée d'une capacité de 3.6 millions tpa pour alimenter ses laminoirs à brames. L'entreprise admet cependant que le projet n'en est qu'au stade de la planification et aucun calendrier n'a été établi pour la réalisation de ce projet.

- *TKC Steel Corp* achève la construction d'un haut fourneau et d'une unité d'enrichissement de minerai dont la mise en service était prévue au troisième trimestre de 2010. Ces nouveaux équipements sont en cours d'installation dans l'aciérie *TKC*'s *Treasure Steelworks* qui dispose déjà d'un atelier de fusion équipé d'un four à arc électrique de 400 000 tpa. Une fois installés, les deux mini-hauts fourneaux porteront la capacité d'acier liquide à 700 000 tpa. L'unité de production de billettes deviendrait ainsi la première aciérie intégrée des Philippines.

Taipei chinois

- Le producteur d'acier *Dragon Steel Corp*, filiale de *China Steel Corp (CSC)*, qui produit de l'acier dans une mini-aciérie a allumé son nouveau haut fourneau de 2.5 millions tpa à son usine de Taichung, en février 2010. Un laminoir à chaud de 3 à 3.5 millions tpa devait être mis en service plus tard au printemps. La seconde phase comprendra la construction d'un haut fourneau et l'adjonction de 2.5 millions tpa de capacité de production d'acier brut en 2012. Lorsque les deux hauts fourneaux et les trois convertisseurs seront pleinement opérationnels, la capacité de *Dragon Steel* dépassera 6 millions tpa.

- Le projet de *Formosa Plastics Group* de construction d'une aciérie intégrée de 7.5 millions tpa à Yunlin a été retardé d'encore au moins deux ans puisqu'il n'a pas satisfait aux critères de l'Administration responsable de la protection de l'environnement (EPA).

- *LoToun Steel* démarrera un nouveau four à arc électrique de 700 000 tpa en 2010 dans le comté de Yilan. L'entreprise prévoit dans une seconde étape d'installer un laminoir.

- L'essai de production se poursuit dans la nouvelle aciérie de *Tung Ho Steel* à Guanyin, comté de Taoyuan. Son laminoir devait entrer en service en juin 2010. L'aciérie comprend un atelier de fusion et une coulée équipée d'un four à arc électrique capable de produire 1 million tpa de billettes auquel s'ajoute une capacité de laminage de 800 000 tpa pour des fers à béton et d'autres produits longs. L'aciérie de Guanyin remplacera celle de *Tung Ho* à Bade qui produit environ 500 000 tpa de billettes et 600 000 tpa de fers à béton.

- Le fabricant de fil machine en acier inoxydable *Walsin Lihwa Corp,* qui dispose d'une capacité de fusion de 350 000 tpa dans son aciérie de Yen Shui, modernise actuellement son atelier de fusion afin d'en porter la capacité à 400 000 tpa d'ici 2011.

- *Yieh Hsing Enterprise* a mis en service son unité de production de fil machine et de fers à béton de 300 000 tpa à Pingnan, en avril 2010. Après avoir été arrêtée à la mi-2001 lorsque l'entreprise fut confrontée à des difficultés financières, le projet d'aciérie de Pingnan a été redémarré en septembre 2009 avec une mise en service prévue pour le deuxième trimestre de 2010. En attendant, l'entreprise n'a guère avancé ses projets de construction d'un atelier de fusion à Pingnan. Yieh Hsing a commandé un atelier de fusion à l'équipementier Danieli mais le projet est à l'arrêt en raison de la longueur des discussions avec les autorités locales de l'environnement.

Thaïlande

- *Mill Con Steel Industries (MCSI)* prévoit d'investir 2.9 milliards THB dans un atelier de fusion afin de développer ses activités de laminage de produits longs. L'investissement se fera par l'intermédiaire de sa filiale à 83.78 %, *BRP Steel* (anciennement *Burapa Steel*), alors que *MCSI* prévoit aussi de dépenser 200 millions THB pour acquérir 10.1 % de parts supplémentaires de *BRP Steel.* Le projet devrait démarrer au dernier trimestre de 2011.

- *Sahaviriya Steel Industries* prévoyait de construire une nouvelle aciérie intégrée de 4.5 millions tpa de métal chaud et 5 millions tpa de brames et de billettes. Cependant, le projet a été récemment différé en raison de l'instabilité politique.

- Le fabricant de produits sidérurgiques longs *Siam Yamato Steel* a démarré la production commerciale de son laminoir à profilés N° 2 en mars 2010. La mini-aciérie d'une capacité de 400 000 tpa à Map Ta Phut dans la province de Rayong a connu des revers l'an passé par suite de la révision des normes officielles de protection de l'environnement. Bangkok a suspendu 65 projets qui nécessitaient un agrément environnemental. Au nombre de ceux-ci figurait le projet du laminoir N° 2 qui aurait dû entrer en service au dernier trimestre 2009. Le tribunal administratif central de Thaïlande a autorisé en décembre 2009 Siam Yamato à démarrer la production.

- Le projet sidérurgique du gouvernement thaïlandais de construction d'un haut fourneau de 7 millions tpa dans la province méridionale du Prachuab est au point mort à la suite de protestations. De ce fait, l'étude de faisabilité en cours qui portait notamment sur une production

d'acier brut de 2-4 millions tpa au cours de la première phase du projet, ne sera pas terminée comme prévu.

- *Thai Intersteel*, un projet de coentreprise thaïlandaise-chinoise, prévoit la construction d'une unité de production de billettes de 350 000 tpa à Phetchaburi.

Viêtnam

- Le fabricant malaisien d'éléments de fixation en acier inoxydable *Tong Herr Resources* va construire une unité de production de billettes de 180 millions USD dans la zone industrielle de Phu My II, district de Tan Thanh de la province de Ba Ria Vung Tau. *Tong Herr* investira 20 millions USD pour acquérir une participation de 37.04 % tandis que quatre investisseurs du Taipei chinois contribueront à hauteur de 34 millions USD de liquidités pour acquérir une participation de 62.96 % dans la coentreprise *Fuco International*. *Fuco International* sera ensuite injectée dans une autre coentreprise, *Fuco* Steel pour une participation de 90 % dans l'aciérie alors que *Tong Hwei Investment* investira 6 millions USD pour les 10 % de participation restante. L'aciérie devrait être achevée d'ici 2011.

- *E-United* and *Tycoons Worldwide* ont repris le travail sur leur projet d'aciérie intégrée dans la zone industrielle de Dung Quat, province de Quang Ngai. La mise en service de la première tranche du projet de 3 millions tpa de capacité d'acier brut est prévue pour 2013 et une deuxième tranche devrait permettre de porter la capacité totale à 5 millions tpa. Ce projet se heurte à des difficultés en ce qui concerne l'obtention des terrains en temps voulu car jusqu'à présent, seulement 223 hectares sur les 455 hectares du site proposé ont été remis à E-United qui détiendra 90 % des parts dans le projet.

- *Formosa Plastics Group* du Taipei chinois a fait avancer son projet d'aciérie intégrée à Vung Ang dans la province de Ha Tinh et devrait pouvoir mettre à feu son premier haut fourneau dans les délais prévus, c'est-à-dire vers mars 2013. Comme promis, le gouvernement vietnamien a dégagé la plus grande partie du terrain sur le site de Vung Ang. Bien qu'incomplètement déblayée, la partie de terrain restant à dégager n'empêchera pas de mener à bien la première étape des travaux à savoir la construction par Formosa de trois hauts fourneaux d'une capacité de 3.75 millions tpa chacun. L'achèvement de la première tranche du projet devrait permettre de produire des bobines laminées à chaud et à froid ainsi que du fil machine.

- En 2009, *Hoa Phat Steel* a mis en service des laminoirs d'une capacité de 350 000 tpa dans la province de Hai Duong, nord Viêtnam et en 2010, elle devrait mettre en service son haut fourneau de 370 m³ et son atelier de fusion de 350 000 tpa. Lorsque la première tranche sera achevée, l'aciérie comprendra un mini haut fourneau, un four à oxygène pur et un laminoir à fers à béton et à fil machine. L'entreprise prévoit aussi d'installer dans une seconde étape un deuxième haut fourneau de 350 m³ afin de porter la capacité de production de billettes à 700 000 tpa dans le nouveau complexe.

- *Hoa Sen (Lotus Steel)* prévoit de mettre en service un four à arc électrique de 800 000 tpa pour produire des brames et devrait en démarrer la construction en 2011. L'entreprise s'est aussi fixée pour objectif de construire un laminoir à bandes à chaud dont la production devrait démarrer en 2013 et une unité de production de brames en 2014. Il est également prévu d'installer un autre four à arc électrique de 500 000 tpa et une coulée continue de billettes dont la mise en service est prévue pour 2014.

- *Hung Thinh Phat* prévoit de construire un atelier de fusion équipé d'un four à arc électrique de 500 000 tpa pour produire des billettes à Phu Tho d'ici 2010.

- Le *Lion Group* de Malaisie aura besoin d'un certain temps pour parachever son projet d'installation d'une aciérie intégrée de 9.8 milliards USD qu'il est prévu d'implanter à Ninh Thuan. Le Comité populaire de la province de Ninh Thuan a demandé à *Lion* de confirmer qu'il avait les moyens de poursuivre le projet. La raison en est que le projet n'a pas progressé depuis que *Lion* et *Vietnam Shipbuilding Industry (Vinashin)* ont organisé une cérémonie d'inauguration des travaux en novembre 2008.

- La construction de l'aciérie de *Nghi Son Iron & Steel* a commencé en mars 2008. Une fois achevée, elle devrait produire jusqu'à 750 000 tonnes de lingots d'acier par an.

- *Posco* continue d'envisager la construction d'une aciérie intégrée au Viêtnam en dépit de l'accord conclu avec l'Indonésien PT Krakatau Steel pour construire cette aciérie en Indonésie. Le projet de *Posco* au Viêtnam prévoit la construction dans la baie de Van Phong d'une aciérie de 4 millions tpa équipée de son procédé sidérurgique Finex. *Posco* prévoyait initialement de commencer la construction en avril 2010 mais en novembre 2008, le gouvernement viêtnamien lui a demandé de trouver un autre site.

- *Posco Specialty Steel*, une filiale à 100 % de Posco, prévoit de construire un laminoir à profilés d'acier au carbone équipé d'un four à arc électrique de 1 million tpa dans la zone industrielle de Phu My 2 dans le district de Tan Thanh de Ba Ria-Vung Tau.

- *Vietnam Industrial Investments (VII),* cotée en Australie, devrait finalement démarrer les travaux sur son unité de production de billettes de 500 000 tpa à Haiphong, au quatrième trimestre 2010. Le gouvernement viêtnamien a approuvé le projet en février 2008. Les billettes seront principalement utilisées en interne car elles alimenteront *SSESteel* and *Vinausteel,* les ateliers de relaminage du Groupe.

- *Tata Steel* devrait bientôt recevoir une autorisation d'investissement pour son projet d'unité intégrée de production de bobines laminées à chaud, d'un montant de 5 milliards USD, dans la province de Ha Tinh. La première tranche devrait comprendre un laminoir à froid qui sera achevé d'ici 2012. La seconde phase prévoit une unité de fabrication de bobines laminées à chaud de 2.2 millions tpa alimentée par une installation en amont, qui devrait être opérationnelle d'ici 2013-2014. *Tata* prend 65% de participation en actions dans son projet sidérurgique alors que *Vietnam Steel Corp* détient 30% et *Vietnam Cement Industries Corp* 5%.

- *Thai Nguyen Iron & Steel* installe un troisième haut fourneau pour porter sa capacité de production de billettes de 300 000 tpa actuellement à 800 000 tpa environ. Ce nouveau haut fourneau, fourni par China Metallurgical Group Corp, sera achevé au premier trimestre de 2011.

- *Pomina Steel Holdings* a récemment commandé un nouvel atelier de fusion de 1 million tpa pour son aciérie de la zone industrielle I de Phu My à Ba Ria-Vung Tau. Le nouvel atelier de fusion sera équipé d'un four à arc électrique de 120 tonnes et commencera à produire des billettes fin 2011.

- *Van Loi Steel Group* prévoit de produire 1.5 million tpa de billettes d'ici la fin de 2009 et 2 millions tpa d'ici la fin de 2010 grâce à la construction de plusieurs nouvelles unités de production de fer et d'acier. Mais le projet a subi des retards. Van Loi exploite actuellement son

aciérie de Haiphong qui comprend un atelier de fusion équipé d'un four à arc électrique de 500 000 tpa et un laminoir de 250 000 tpa.

- *Vietnam Steel Corp (VSC)* a demandé officiellement aux autorités locales de Can Tho l'autorisation de louer 50 hectares pour construire une aciérie dans la zone industrielle de Hung Phu I. La capacité de l'aciérie s'élèvera à 550 000 tonnes de billettes d'acier et à 500 000 tonnes d'acier laminé par an et la mise en service est prévue pour 2013. Le coût du projet est estimé à 200-250 millions USD.

- *Vietnam Steel Corp (VSC)* a l'intention de construire une unité de production de billettes dans le district de Bao Thang de la province de Lao Cai. Ce projet, qui comprendra un haut fourneau de 500 m³ et un convertisseur à l'oxygène de 50 tonnes, est une coentreprise avec le Chinois *Kunming Iron & Steel.* Les deux sociétés sidérurgiques ont une participation de 45 % dans le projet et *Lao Cai Mining* détient les 10 % restants. L'unité de production devrait être mise en service à la fin de 2011.

Bangladesh

- *Bangladesh Steel Rolling Mills (BSRM)* prévoit de construire une nouvelle unité de production de billettes. Elle construira cette unité d'une capacité de 150 000 tpa dans la ville portuaire de Chittagong, dans le sud-est et installera tout d'abord deux fours à induction de 25 tonnes.

- L'Indien *Essar Steel Holdings* prévoit d'installer une aciérie de 2 millions tpa utilisant du gaz naturel comme principale source de combustible. L'aciérie dont le coût est estimé à 2 milliards USD, produira des produits longs et plats. *Essar Group* détiendra une participation de 60 % dans l'entreprise et *S Alam Group*, *PHP*, *KDS* et *Abul Khair* les 40% restants.

Pakistan

- *Abbas Steel Group* construit une mini-aciérie de 500 000 tpa, près de Karachi. Les entreprises du Groupe exploitent actuellement une unité de laminage de barres de 200 000 tpa. Le Groupe augmentera de 300 000 tpa sa capacité de laminage. La nouvelle aciérie devrait commencer à produire en 2010.

- *Ittehad Steel* prévoit de porter sa capacité de production à 500 000 tpa au cours des trois prochaines années. Ittehad construit une nouvelle installation ultramoderne de relaminage et un four à arc électrique à Faisalabad, qui augmentera la capacité de 150 000 tonnes d'ici la fin de 2009. De plus, Ittehad construit une mini-aciérie ultra moderne de 350 000 tpa à Chakri, Islamabad, destinée à devenir son usine modèle et dont la mise en service est prévue pour la mi-2011.

- Le Premier ministre du Pakistan a récemment approuvé un plan de sauvetage pour l'entreprise sidérurgique d'État *Pakistan Steel Mills*. Cependant, le coût du plan n'a pas encore été précisé pas plus que les modalités de financement : capitaux propres, prêts bancaires ou autre type de financement. A l'issue d'une réunion entre le Premier ministre et le président de la société il a été décidé que *Pakistan Steel* ne sera pas privatisée mais modernisée et développée afin d'augmenter sa capacité pour la porter dans un premier temps de 1.1 million tpa à 3 millions tpa.

- *Tuwairqi Steel Mills Ltd* est sur le point d'achever la construction d'une aciérie à réduction directe de 1.28 million tpa à Bin Qasim, Karachi. Il est prévu de construire dans une seconde étape un atelier de fusion équipé d'un four à arc. La production de billettes d'acier est prévue

dans les deux tranches du projet. Lors de la première tranche, 300 000 tpa de billettes d'acier seront produites au moyen de fours à induction. Cette capacité sera augmentée de 700 000 tpa lors de la deuxième tranche.

Inde

- *Aaress Iron & Steel Ltd (AISL)*, qui fait partie de l'entreprise privée d'extraction et d'exportation de minerai de fer *MSPL,* construit actuellement une aciérie de 5 millions tpa à Koppal dans l'État de Karnataka. La première tranche est déjà commencée et devrait s'achever en décembre 2010. Elle prévoit l'installation d'une capacité de 1.2 million tpa qui permettra de démarrer la production de billettes et de fil machine en acier allié. L'entreprise envisage deux tranches supplémentaires afin de porter la capacité à 5 millions tpa d'ici 2013.

- *Adhunik Group* prévoit de construire une aciérie intégrée de 1.1 million tpa dans le district de Purulia, Bengale occidental. Le Groupe a signé un mémorandum d'accord avec les autorités du Karnataka pour construire une aciérie de 2.2 millions tpa dans le district de Raichur de cet État.

- *AML Steel* prévoit de construire une aciérie intégrée dans le Jharkhand. Une fois achevées les trois tranches du projet, l'aciérie aura une capacité de 2 millions tpa. Un mémorandum d'accord a été signé avec l'État du Jharkhand en vertu duquel les autorités de cet État attribueront des mines de fer ainsi que des mines de charbon.

- *ArcelorMittal* n'a guère avancé dans son projet de construction des deux aciéries de 12 millions tpa qu'il se proposait de construire dans l'Orissa et le Jharkhand. De ce fait, le groupe sidérurgique s'est intéressé à d'autres possibilités en Inde tout en espérant encore pouvoir démarrer les travaux sur ces deux projets d'aciéries intégrées. *ArcelorMittal* a signé un mémorandum d'accord avec le gouvernement de l'État du Karnataka en juin 2010 pour construire une aciérie intégrée de 6 millions tpa dans la région de Bellary, riche en minerai de fer. L'investissement avoisinerait les 6.4 milliards USD.

- *Bhushan Power & Steel (BPSL)*, qui exploite dans l'Orissa une aciérie intégrée de 1.5 million tpa équipée de deux fours à arc de 100 tonnes devrait atteindre finalement une capacité de 2.8-3 millions tpa d'ici début 2011. Deux autres fours à arc seront mis en service d'ici juin et un cinquième four à arc d'ici décembre 2010. L'entreprise s'emploie aussi à acquérir les terrains pour son projet de construction d'une aciérie intégrée de 3 millions tpa dans l'État du Jharkhand.

- *Bhushan Steel Ltd (BSL)* réalise actuellement son projet dans l'Orissa, en deux tranches de 3 millions tpa. La première a été achevée en mars 2010 alors que la seconde devrait être mise en service d'ici la mi-2012. *BSL* a aussi plusieurs projets de construction d'aciéries intégrées dans les États du Jharkhand (3 millions tpa), du Bengale occidental (6 millions tpa) et du Karnataka (6 millions tpa).

- *Brahmani Industries* a annoncé un projet de construction d'une aciérie de 2.5 millions tpa à Kadapa dans l'Andhra Pradesh au début de 2007. La construction de la première tranche de 1.25 million tpa est à moitié achevée. *BI* investira aussi environ 7.6 milliards USD dans la construction d'une nouvelle aciérie d'une capacité de 6 millions tpa.

- La réalisation du nouveau projet sidérurgique de 5 millions tpa du négociant chinois *Sinosteel* dans le Jharkhand a été différée, les autorités n'ayant pas attribué les terrains nécessaires. *Sinosteel* prévoyait initialement d'achever la préparation du site de l'aciérie intégrée en 2007.

Sinosteel prévoit aussi de mettre en service une aciérie de 1 million tpa dans le Bengale occidental en 2011 dans le cadre d'une coentreprise 50-50 avec un partenaire indien.

- *Corporate Ispat Alloys Ltd (CIAL)*, qui fait partie de *Abhijeet Group*, a démarré la première tranche de son projet d'aciérie intégrée dans le district de Seraikela-Kharsawan de l'État du Jharkhand. *CIAL* avait signé un mémorandum d'accord avec l'administration de cet État pour la construction d'une aciérie intégrée de 2.5 millions tpa. *CIAL* espère démarrer la production de 500 000 tonnes d'acier dans le cadre de la première tranche, en 2010.

- *Electrosteel Integrated Ltd* est en bonne voie pour mettre en service son aciérie intégrée du Jharkhand durant l'exercice 2010-11. Elle devrait produire 700 000 tpa de billettes, 500 000 tpa de fil machine et 300 000 tpa de tubes en fonte ductile. Les autres 700 000 tpa d'acier liquide serviront à produire de la fonte ou à accroître la production de billettes marchandes.

- *Essar Steel* devrait bientôt mettre en service un nouveau haut fourneau qui est un élément essentiel de son projet destiné à porter sa capacité de 4.6 millions tpa à 9-10 millions d'ici 2010 à l'aciérie de Hazira. *Essar Steel* réalisera aussi ses projets de construction de nouvelles aciéries : 3.2 millions tpa dans le Chhattisgarh, 6 millions tpa dans le Jharkhand, 6 millions tpa dans le Karnataka et 6 millions tpa dans l'Orissa.

- *Facor Group*, qui est un grand producteur de minerai de chrome, de chrome et d'alliages de manganèse en Inde prévoit de construire une unité de production d'acier inoxydable de 500 000 tpa dans l'Orissa, à côté de son actuelle unité de production de ferrochrome.

- Le producteur indien de minerai de fer *H.L. Nathurmal* prévoit de construire une aciérie intégrée dans l'État méridional du Karnataka en 2012-2013 et de fabriquer 1 million tpa de barres et de fil machine. Nathurmal produit 50 % de minerais de fer fins et grossiers dans ses deux mines d'Arvalem et de Vantem dans le Karnataka.

- Le producteur de fil/baguettes en acier allié et acier inoxydable *Hospet Steels*, une coentreprise entre *Kalyani Steels* et *Mukand Ltd,* accroît ses capacités de production d'aciers spéciaux de 450 000 tpa dans le Karnataka.

- *Ispat Industries* prévoit de porter la capacité de son aciérie de Dolvi à 5 millions tpa d'ici l'exercice 2011-12 et devrait porter ses capacités totales à 10 millions tpa d'ici l'exercice 2013-14. *Ispat Industries* prévoit notamment de construire une aciérie intégrée de 2.8 millions tpa dans le Jharkhand. En 2007, l'entreprise a signé un mémorandum d'accord avec les autorités du Jharkhand pour ce projet.

- *Jai Balaji Industries* prévoit de se procurer des fonds auprès d'investisseurs pour la nouvelle aciérie qu'elle envisage de construire dans le district de Purulia dans le Bengale occidental et qui devrait entrer en service d'ici 2012. L'ensemble du projet comprendra une aciérie intégrée de 5 millions tpa construite en deux tranches ainsi qu'une centrale électrique captive de 1 215 MW et une cimenterie. L'entreprise a également signé un mémorandum d'accord avec l'État de Chhattisgarh pour la construction d'une aciérie de 1 million tpa.

- *Jayaswal Neco* prévoit de construire une deuxième aciérie de 1 million tpa à Raigarh dans l'État de Chhattisgarh. Elle comprendra dans un premier temps une unité de production d'acier de 300 000 tpa et une centrale électrique captive de 35 MW. *Jayaswal Neco* a aussi signé un mémorandum d'accord avec le gouvernement du Bengale occidental pour la construction d'une aciérie intégrée de 3.2 millions tpa.

- *Jindal Steel & Power Ltd (JSPL)* prévoit d'accroître la capacité de son aciérie de Raigarh pour la porter à 6 millions tpa. JSPL projette aussi de construire deux nouvelles unités dans l'Orissa et le Jharkhand de 6 millions tpa chacune. Les premières tranches des projets de l'Orissa et du Jharkhand devraient être achevées en 2012.

- *JSL Ltd* a mobilisé 55 millions USD pour financer la deuxième tranche de son projet de construction d'une unité intégrée de production d'acier inoxydable à Kalinganagar dans l'État de l'Orissa. Cette deuxième tranche de l'aciérie, qui avait été interrompue début 2009 en raison de la crise économique, comprendra un atelier de fusion de 800 000 tpa équipé de deux fours à arc de 100 tonnes et un haut fourneau de 525 000 tpa. L'atelier de fusion et le haut fourneau devraient être achevés d'ici mars 2012.

- *JSW Steel* s'est fixé pour objectif de porter sa capacité totale de production d'acier brut à 11 millions tpa d'ici mars 2011 et ce grâce à l'expansion de la capacité de son aciérie de Vijayanagar dans le Karnataka qui devrait être portée à 10 millions tpa, contre 6.8 millions tpa actuellement. Par ailleurs, *JSW Steel* démarrera la construction de sa nouvelle aciérie de 10 millions tpa dans le Bengale occidental tandis qu'elle est en train d'acquérir les terrains pour un projet similaire dans l'État du Jharkhand.

- *Kalyani Steels* a repris ses démarches pour la construction d'une unité de production d'aciers spéciaux et d'une centrale électrique près de Panagarh, Bengale occidental. En février 2008, elle a signé un mémorandum d'accord pour la construction de cette unité de production d'aciers spéciaux de 1 million tpa et d'autres équipements dans le Bengale occidental.

- L'entreprise publique de production de boulettes de fer *KIOCL Ltd* a présélectionné un associé pour son projet de coentreprise pour la construction d'une aciérie intégrée à Karnataka. Dans une première étape, la capacité s'élèvera à 1.5 million tpa et pourra être portée à trois millions et plus tard, à 15 millions tpa.

- *Maharashtra Seamless Ltd (MSL)*, premier producteur indien de tubes sans soudure prévoit de construire une aciérie de 500 000 tpa pour alimenter en billettes de section ronde son unité de fabrication de tubes. L'aciérie qu'il est proposé de construire à Kunekere dans le district de Koppal de l'État de Karnataka devrait exiger un investissement d'environ 609 millions USD qui sera financé par le recours à l'endettement, des prélèvements sur les réserves et des ressources internes**.**

- *Mesco Steel Group* prévoit d'investir environ 2.8 milliards USD pour construire deux aciéries dans l'Orissa : un projet d'expansion des capacités de production d'acier de 3.5 millions tpa dans son actuelle unité de production de fonte et un projet de nouvelle aciérie de 3 millions tpa.

- Le producteur de fer spongieux *Monnet Ispat & Energy Ltd (MIEL)*, devrait mettre en service en décembre 2010 le premier haut fourneau de son aciérie intégrée moderniséede 1.5 million tpa à Raigarh dans le Chhattisgarh. *MIEL* envisage de mettre en service un autre haut fourneau d'une capacité similaire, ce qui porterait la production totale d'acier brut à Raigarh à 1.5 million tpa.

- *Navyug Steel,* implantée à Hydarabad, a le projet de construire sur plus de 1618 hectares un complexe sidérurgique de 12 millions tpa à Astaranga. La construction, qui se fera en quatre tranches, représentera un investissement de 340 milliards INR.

- *Neelachal Ispat Nigam Ltd (NINL)*, une coentreprise qui produira 1.1 million de tonnes de fonte entre l'Indien *Minerals & Metals Trading Corporation (MMTC)* et l'administration de l'État de l'Orissa, prévoit de construire une aciérie de 900 000 tpa et un laminoir à barres et à fil machine de 700 000 tpa. La mise en service devait avoir lieu au deuxième trimestre de l'exercice 2010-2011.

- *Neo Metaliks* projette de construire une aciérie intégrée de 1.5 million de tonnes dans le district de Burdwan, Bengale occidental. La première tranche du projet portera sur la construction d'un mini-haut fourneau de 215 m³ pour produire 150 000 tpa de fonte et une centrale électrique captive d'une capacité de 4.5 MW.

- L'entreprise publique indienne d'exploitation de minerai de fer *National Mineral Development Corporation (NMDC)* prévoit de construire une aciérie de 2 millions tpa dans le sud du Karnataka. L'administration de cet État a déjà attribué 1000 hectares de terrain dans la région de Bellary/Hospet. L'aciérie intégrée sera la deuxième installation sidérurgique de *NMDC* après le projet d'installation d'une aciérie de 3 millions tpa dans l'État central de Chhattisgarh qui devrait être opérationnelle d'ici 2014.

- *Orissa Sponge Iron & Steel* envisage de se lancer dans la production d'acier avec un projet d'aciérie d'une capacité de 1 million tpa qui utilisera le four à arc électrique et la réduction directe.

- En juin 2005, le sud-coréen *Posco* a signé un mémorandum d'accord avec le gouvernement de l'Orissa pour la construction d'une nouvelle aciérie intégrée de 12 millions tpa dans l'État. Le projet est actuellement retardé car l'entreprise est confrontée à un certain nombre d'obstacles. Entre temps, *Posco* a signé un mémorandum d'accord avec le gouvernement du Karnataka pour la construction d'une aciérie intégrée de 6 millions tpa dans le district de Bagalkot. En outre, *Posco* étudie la possibilité de constituer une coentreprise avec *Steel Authority of India (Sail)* pour construire une aciérie intégrée de 3.5 millions tpa utilisant la technologie Finex de *Posco* sur des terrains disponibles sur le site de l'installation de *Sail* à Bokaro dans le Jharkhand.

- *Prakash Industries* envisage d'accroître, d'ici mars 2011, sa capacité de production par réduction directe de 600 000 tpa et sa capacité de production d'acier de 450 000 tpa. L'entreprise prévoit de mobiliser 5 milliards INR sur le marché national et les marchés étrangers pour financer son projet, de 8 milliards INR, d'expansion de ses capacités de fer préréduit et d'acier pour les porter à plus de 1 million tpa chacune.

- L'entreprise publique indienne *Rashtriya Ispat Nigam Ltd (RINL)*, qui exploite l'aciérie de Vizag, *Vizag Steel Plant* dans l'État de l'Andhra Pradesh dans le sud-est de l'Inde met actuellement en œuvre des projets destinés à porter la capacité de fusion à 6.3 millions tpa. Les travaux d'expansion devraient être achevés d'ici la mi-2011.

- *Rathi Steel & Power Ltd*, anciennnement Rathi Udyog Ltd, prévoit d'investir 20 milliards INR pour porter la capacité de production de son aciérie de l'Orissa à 1.2 million tpa. En 2008, l'entreprise a mis en service la première tranche de son aciérie de l'Orissa qui comprend une unité de production de fer spongieux, une centrale électrique captive et un atelier de fusion pour la fabrication de billettes d'acier, d'une capacité de 150 000 tpa.

- *Ruchi Group* a signé un mémorandum d'accord avec le gouvernement de l'Orissa pour la mise en place d'une aciérie de 3 millions tpa en 2006. L'entreprise a également soumis une proposition aux autorités du Bengale pour la construction d'une aciérie intégrée de 1 million tpa dans cet État.

- *Steel Authority of India Ltd (SAIL)* procède actuellement à la modernisation et à l'expansion de ses aciéries afin de porter sa capacité de production d'acier brut à 21.4 millions tpa d'ici 2012 et lorsque tous les programmes d'expansion seront achevés, sa capacité atteindra 24.6 millions tpa. Les expansions de capacité des aciéries seront d'environ 3 millions tpa à Bhilai, 2.6 millions tpa à Bokaro, 0.4 million tpa à Durgapur, 2.0 millions tpa à l'IISCO, 2.3 millions tpa à Rourkela et 0.2 million tpa à Salem.

- *Shyam SEL & Power Ltd* va construire une nouvelle aciérie intégrée de 1.1 million tpa pour des produits longs à Jamuria dans le district de Burdwan du Bengale occidental. Cependant, l'entreprise est confrontée à des pénuries de charbon. Elle signale avoir démarré la construction sur le site de Burdwan mais l'administration locale ne lui a pas attribué les blocs miniers indispensables à l'approvisionnement des unités de production.

- *Shyam Steel Industries* a signé un mémorandum d'accord avec les autorités du Bengale occidental en février 2008. Le Groupe prévoit de construire deux nouvelles aciéries intégrées - l'une à Raghunathpur dans le district de Purulia, d'une capacité de 1.1 million tpa et l'autre à Kharagpur dans Midnapore Ouest, d'une capacité de 600 000 tpa.

- La *National Mineral Development Corporation (NMDC)* a approuvé une fusion avec l'entreprise publique de production de fer préréduit *Sponge Iron India Ltd (SIIL)*. Après cette fusion, la *NMDC* a décidé d'augmenter la capacité nominale de production de fer préréduit de *SIL* pour la porter de 60 000 tpa à 260 000 tpa. Elle a aussi l'intention de procéder à une intégration vers l'aval avec la construction d'une aciérie de 240 000 tpa dans l'État de l'Andhra Pradesh (Sud est de l'Inde).

- *Steel Exchange India Ltd (SEIL)* devrait mettre en service, en août 2010, une nouvelle unité de production dans son aciérie de Vizianagaram dans l'Andhra Pradesh. Cette nouvelle installation produira environ 240 000 tpa.

- Le producteur indien de tubes *Surya Roshni Ltd* procède à une intégration vers l'amont avec la construction d'une aciérie intégrée de 5 millions tpa dans l'État du Karnataka (sud de l'Inde). Par l'intermédiaire de sa filiale *Surya Vijay Nagar Steel & Power Ltd, Surya Roshni Ltd* a signé un mémorandum d'accord avec les autorités de l'État pour une unité de production de 3 millions tpa.

- Le producteur de fonte *Tata Metaliks*, une filiale de *Tata Steel,* a signé un mémorandum d'accord avec les autorités de l'État du Karnataka pour la construction d'une aciérie de 3 millions tpa à Haveri. Les deux entreprises travailleront en collaboration sur le projet mais ne devraient démarrer les travaux qu'après l'attribution de mines de fer.

- *Tata Sponge Iron Limited* prévoit de construire une aciérie de 1.5 million tpa à Beliapada dans l'Orissa. L'autorité de l'Orissa chargée de délivrer les autorisations, la *High-Level Clearance Authority,* a approuvé le projet.

- Durant l'exercice 2008-09, *Tata Steel* a mis en service une unité de production d'acier brut de 1.8 million de tonnes dans son aciérie de Jamshedpur. Cette capacité sera encore augmentée de 2.9 millions de tonnes d'ici 2011. *Tata Steel* prévoit aussi de construire trois nouvelles aciéries en Inde : une de 5 millions tpa (première tranche de 2 millions tpa) dans le Chhattisgarh, une de 12 millions tpa (première tranche de 6 millions tpa) dans le Jharkhand et une de 6 millions tpa (première tranche de 3 millions tpa), dans l'Orissa (ouest de l'Inde).

- En octobre 2006, *Uttam Galva Steels* a signé un mémorandum d'accord avec les autorités de l'Orissa pour la construction d'une unité de production de bandes à chaud entièrement intégrée, de 3 millions tpa dans cet État. Selon des rapports locaux, l'entreprise prévoit aussi de construire une aciérie intégrée de 1 million tpa à Satarda dans l'État de Maharashtra, ouest de l'Inde, dans le cadre d'une coentreprise avec *ArcelorMittal.*

- *Vedanta Resources*, propriétaire du premier producteur indien privé de minerai de fer Sesa Goa, a réglé les derniers détails du projet de construction d'une aciérie intégrée dans l'État de l'Orissa. Depuis quelques années, *Vedanta* prévoyait de construire une aciérie intégrée dans l'Orissa et début 2008 elle a repéré un site possible dans le district de Keonjhar. En septembre 2008, *Vedanta* a mis son projet en attente mais l'a réexaminé en juillet 2009 et a décidé de construire l'aciérie par l'intermédiaire de Sesa Goa.

- Le *Videocon Group* n'est pas en mesure de démarrer les travaux sur son projet sidérurgique de 210 milliards INR à Durgapur, (Bengale occidental) tant que son approvisionnement en charbon ne sera pas assuré. Ce projet d'une capacité de 3 millions tpa qui comprend une centrale électrique captive de 1 200 MW est retardé depuis deux ans.

- Le premier producteur indien de produits longs en acier inoxydable, *Viraj Group,* construit actuellement une unité de production de produits plats en acier inoxydable de 850 000 tpa près de Mumbai (pour un coût de 670 millions USD).

- *Visa Steel* mettra en service à partir de 2010 la première tranche (500 000 tpa) d'une aciérie intégrée de 1.5 million tpa dans l'État de l'Orissa. *Visa Steel* a également signé un mémorandum d'accord avec les autorités de l'État du Chhattisgarh pour la construction d'une aciérie intégrée de 2.5 millions tpa.

- Le producteur de fonte *VSL Steels* prévoit de construire un haut fourneau supplémentaire et un atelier de fusion d'acier de 400 000 tpa équipé de laminoirs.

- *Welspun Power & Steel Ltd (WPSL)* a réglé les derniers détails d'un projet de construction d'une nouvelle unité de production de brames dans le Maharashtra par la signature, en août 2009, d'un mémorandum d'accord avec les autorités de cet État. Cette unité qui produira 1.5 million tpa, et que *WPSL* prévoyait depuis mai 2008, devrait entrer en service d'ici avril 2012. *Welspun Power & Steel Ltd (WPSL)* a aussi signé un mémorandum d'accord en octobre 2006 avec les autorités de l'Orissa pour la construction d'une aciérie de 3 millions de tonnes.

- *China National Metal Products Imp & Exp Co*, filiale de *China Minmetals Corp*, et *Xinxing Heavy Industry Co*, filiale de *Xinxing Ductile Pipes Group*, vont construire une aciérie de 2.5 millions tpa dans l'État du Karnataka, dans le Sud de l'Inde. *Xindia Steels Ltd* a été constituée en Inde en février 2008 avec des sociétés chinoises qui en détiennent 55 %. Les associés indiens sont : *Sigma MinMet Ltd*, *Manasara Group* et *Kelachandra Group.*

Tableau 1. Capacité de production d'acier brut, économies non membres de l'OCDE

En millions de tonnes par an

	2000	2002	2005	2007	2009	2012	Taux de croissance annuelle (% par an) 2007/05	2009/07	2012/09
Europe non OCDE	**15.0**	**15.5**	**17.3**	**17.3**	**18.0**	**19.8**	**0.0**	**2.0**	**3.3**
Bulgarie	3.1	3.1	3.2	3.2	3.2	3.2	0.0	0.0	0.0
Roumanie	8.2	8.2	9.1	9.1	9.1	9.3	0.1	0.0	0.8
CEI	**124.7**	**124.2**	**124.5**	**134.5**	**143.1**	**153.5**	**4.0**	**3.1**	**2.4**
Russie	70.0	70.0	71.0	77.2	83.2	90.7	4.3	3.8	2.9
Ukraine	40.7	41.2	42.6	45.7	47.4	49.1	3.6	1.8	1.2
Kazakhstan	7.2	6.2	5.5	6.3	6.6	7.4	7.0	2.4	3.9
Amérique latine	**46.4**	**49.8**	**53.9**	**59.6**	**62.7**	**72.1**	**5.2**	**2.5**	**4.8**
Argentine	5.8	5.8	5.8	6.1	6.6	6.6	2.7	3.7	0.0
Brésil	30.0	33.4	36.4	41.5	43.1	51.3	6.7	1.9	6.0
Colombie	1.5	1.5	1.5	1.5	1.9	1.9	2.0	11.4	0.0
Pérou	1.0	1.0	1.1	1.2	1.3	1.4	4.0	4.2	3.5
Venezuela	5.1	5.1	6.0	6.1	6.2	7.2	1.5	0.6	5.2
Afrique	**25.4**	**26.9**	**29.8**	**30.4**	**31.4**	**39.3**	**1.0**	**1.5**	**7.8**
Algérie	2.2	2.4	2.6	2.6	2.6	2.6	0.0	0.0	0.0
Égypte	6.4	7.6	8.8	8.8	8.8	13.4	0.0	0.0	15.0
Libye	1.3	1.4	1.4	1.8	1.8	4.2	15.0	0.0	32.5
Nigeria	1.2	1.2	2.7	2.7	2.9	2.9	0.0	3.2	0.0
Afrique du Sud	11.8	11.8	11.8	11.8	12.3	12.3	0.0	1.9	0.0
Moyen-Orient	**14.0**	**15.2**	**19.0**	**21.9**	**28.1**	**54.9**	**7.4**	**13.1**	**25.1**
Iran	8.2	8.8	11.0	11.2	15.0	26.4	0.9	15.7	20.7
Qatar	0.4	0.9	1.5	1.5	1.5	2.1	0.0	0.0	13.0
Arabie saoudite	3.8	3.8	4.8	7.3	7.4	12.8	24.0	0.8	19.9
Émirats arabes unis	0.1	0.1	0.1	0.1	1.9	4.7	0.0	301.6	35.0
Asie	**240.6**	**297.5**	**540.9**	**739.7**	**870.7**	**1018.2**	**16.9**	**8.5**	**5.4**
Chine	149.6	197.0	424.0	610.0	725.0	815.0	19.9	9.0	4.0
Autres pays d'Asie	91.0	100.5	116.9	129.7	145.7	203.2	5.3	6.0	11.7
Taipei chinois	16.8	17.7	20.9	22.5	22.8	29.0	3.8	0.6	8.4
Inde	33.6	39.6	50.4	59.1	72.8	114.2	8.3	11.0	16.2
Indonésie	6.9	7.8	7.8	8.0	8.0	9.2	1.0	0.0	4.8
Malaisie	7.4	7.5	9.0	9.0	10.0	11.2	0.0	5.4	3.7
Pakistan	3.9	3.9	3.9	3.9	3.9	4.9	0.0	0.0	8.0
Philippines	1.7	1.7	1.6	1.8	1.9	2.2	6.9	2.7	5.0
Thaïlande	7.1	7.4	7.5	8.6	8.6	9.3	7.6	0.0	2.6
Viêtnam	0.4	1.7	2.5	3.4	4.4	9.3	16.9	13.7	28.1
Total non OCDE	**466.2**	**529.1**	**785.3**	**1003.5**	**1153.9**	**1357.8**	**13.0**	**7.2**	**5.6**

Source : Secrétariat de l'OCDE.

Tableau 2. Production d'acier brut, économies non membres de l'OCDE

En millions de tonnes

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Europe non OCDE	**8.2**	**8.5**	**9.0**	**9.8**	**10.6**	**11.1**	**12.0**	**11.7**	**10.1**	**6.5**
Bulgarie	2.0	2.0	1.9	2.3	2.1	1.9	2.1	1.9	1.3	0.7
Roumanie	4.7	4.9	5.5	5.7	6.0	6.3	6.3	6.3	5.0	2.8
CEI	**98.5**	**99.7**	**101.2**	**106.5**	**113.4**	**113.2**	**119.9**	**124.2**	**114.3**	**97.5**
Russie	59.1	59.0	59.8	61.5	65.6	66.1	70.8	72.4	68.5	59.9
Ukraine	31.8	33.1	34.1	36.9	38.7	38.6	40.9	42.8	32.3	29.8
Kazakhstan	4.8	4.7	4.8	4.9	5.4	4.5	4.3	4.8	4.3	4.1
Amérique latine	**39.4**	**37.3**	**40.9**	**43.1**	**45.6**	**45.0**	**45.0**	**47.9**	**46.9**	**37.7**
Argentine	4.5	4.1	4.4	5.0	5.1	5.4	5.5	5.4	5.5	4.0
Brésil	27.9	26.7	29.6	31.1	32.9	31.6	30.9	33.8	33.7	26.5
Colombie	0.7	0.6	0.7	0.7	0.7	0.8	1.2	1.2	1.1	1.1
Pérou	0.8	0.7	0.6	0.7	0.7	0.8	0.9	0.9	1.0	0.7
Venezuela	3.8	3.8	4.2	3.9	4.6	4.9	4.9	5.0	4.2	4.1
Afrique	**13.8**	**14.9**	**15.8**	**16.3**	**16.7**	**18.0**	**18.7**	**18.7**	**17.0**	**15.2**
Algérie	0.8	0.9	1.1	1.1	1.0	1.0	1.2	1.3	0.6	0.5
Égypte	2.8	3.8	4.3	4.4	4.8	5.6	6.0	6.2	6.2	5.5
Libye	1.1	0.8	0.9	1.0	1.0	1.3	1.2	1.3	1.1	0.9
Nigeria	..	..	..	..	..	0.1	0.1	0.1	0.1	0.1
Afrique du Sud	8.5	8.8	9.1	9.5	9.5	9.5	9.7	9.1	8.3	7.5
Moyen-Orient	**10.8**	**11.7**	**12.5**	**13.4**	**14.3**	**15.3**	**15.4**	**16.5**	**16.6**	**17.7**
Iran	6.6	6.9	7.3	7.9	8.7	9.4	9.8	10.1	10.0	10.9
Qatar	0.7	0.9	1.0	1.1	1.1	1.1	1.0	1.1	1.4	1.4
Arabie saoudite	3.0	3.4	3.6	3.9	3.9	4.2	4.0	4.6	4.7	4.7
Émirats arabes unis	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Asia	**183.6**	**207.8**	**241.9**	**285.5**	**352.3**	**435.2**	**507.6**	**585.1**	**598.6**	**662.9**
Chine	128.5	151.6	182.4	222.3	282.9	353.2	419.1	489.3	500.3	567.8
Autres pays d'Asie	55.1	56.2	59.5	63.2	69.4	82.0	88.4	95.9	98.3	95.1
Taipei chinois	16.9	17.3	18.2	18.8	19.6	18.9	20.0	20.9	19.9	15.9
Inde	26.9	27.3	28.8	31.8	32.6	45.8	49.5	53.5	57.8	60.2
Indonésie	2.8	2.8	2.5	2.0	3.7	3.7	3.8	4.2	3.9	3.5
Malaisie	3.7	4.1	4.7	3.96	5.7	5.3	5.8	6.9	6.4	6.0
Pakistan	1.0	1.0	1.0	1.0	1.1	0.8	1.0	1.1	1.0	0.8
Philippines	0.4	0.5	0.6	0.5	0.4	0.5	0.6	0.7	0.7	0.7
Thaïlande	2.1	2.1	2.5	3.6	4.5	5.2	4.9	5.6	5.2	5.0
Viêtnam	0.3	0.3	0.4	0.5	0.7	0.9	1.9	2.0	2.3	2.0
Total non OCDE	**354.3**	**379.9**	**421.3**	**474.6**	**552.8**	**637.7**	**718.5**	**804.1**	**803.7**	**837.4**

NOTES SUR L'APPENDICE

Méthodologie

Aux fins d'estimation des capacités d'acier dans les économies non membres de l'OCDE en l'an 2012, les différents projets d'expansion de ces pays ont été classés en trois catégories : « ferme », « possible » ou « peu probable », selon qu'ils devraient être mis en route ou achevés d'ici l'an 2012. Les projets ont été classés en fonction des critères suivants :

- Stade actuel d'avancement de chaque projet – étude de faisabilité, planification, autorisation officielle, appel d'offres, exécution ou arrêt des travaux de construction.
- Disponibilité des ressources financières nécessaires pour chaque projet.
- Taille du marché intérieur de l'acier, telle qu'elle ressort de la consommation apparente d'acier.
- Intention de créer une industrie sidérurgique et/ou de la développer.
- Offre de matières premières et d'énergie.

Les possibilités d'achèvement d'ici l'an 2012 des différents projets étudiés ont été évaluées au regard des critères mentionnés ci-dessus. Si les informations sur un certain nombre d'aspects faisaient assez souvent défaut, les chiffres indiqués dans les tableaux sont considérés comme exacts, en fonction des sources d'informations consultées et des données disponibles. Le classement des projets et les commentaires formulés sur leur état d'avancement n'expriment, en aucun cas, un jugement de valeur sur l'opportunité ou la faisabilité des projets.

Ont été classés dans la catégorie « ferme », les projets qui sont en cours de réalisation ou pour lesquels des contrats ont été attribués et ont fait l'objet d'engagements majeurs sur le plan financier ou au niveau officiel et qui devraient, selon le calendrier d'exécution des travaux, être terminés d'ici 2012. Ont été classés dans la catégorie « possible », les projets qui sont en cours de réalisation ou pour lesquels les contrats ont été attribués, mais qui ont été retardés par des problèmes d'ordre financier ou technique et qui ne devraient pas être achevés d'ici 2012. Ont été classés dans la catégorie « peu probable », les projets qui en sont au stade des études de faisabilité ou au premier stade de la planification et n'ont pas encore mobilisé de ressources financières ou de soutien de l'État, de même que les projets qui devraient être terminés après 2012. Dans l'Appendice, ces projets sont signalés dans la colonne des « commentaires » et dans certains cas, présentés entre crochets dans la colonne « accroissement des capacités », mais ne sont pas pris en compte dans les estimations des capacités de production d'acier en 2012.

L'estimation des capacités en 2012 a été obtenue, pour chaque pays, en ajoutant à ses capacités actuelles, les capacités de projets « fermes » et la moitié des capacités de tous les projets classés dans la catégorie « possible » pour ce pays. Il a été décidé de tenir compte de la moitié seulement de la capacité totale des projets classés « possible » plutôt que de procéder à une évaluation plus précise de chaque projet.

NOTES EXPLICATIVES

Les signes et abréviations utilisés sont les suivants :

BF	Haut fourneau : - au charbon de bois - au coke - mini
Corex	Unité de réduction directe utilisant le procédé Corex
DR	Unité de réduction directe, procédés : - Codir - Finmet - Fior - HYL - Krupp - Midrex - Plasma - Romelt - SLRN
EPIF	Four électrique fonte
ERP	Four électrique réduction fonte
IC	Carbure de fer
AOD	Unité de décarburation argon oxygène
BS	Convertisseur Bessemer basique
EF	Four à arc électrique, dont : - DC - four à cuve
EOF	Four à optimisation énergétique
IF	Four à induction
LD	Convertisseur LD à l'oxygène pur
LF	Four à poche
OH	Four Martin
Steelmkg	Unité de production d'acier
CC	Machines de coulée continue utilisées pour fabriquer des : - brames - brames minces - blooms - billettes - billettes rondes
SLM	Train à brames
BLM	Train à blooms
BTM	Train à billettes
STR	Train à barres, à profilés, à poutrelles ou à cornières
WR	Train à fil-machine
Plate	Train à tôles fortes
Hot	Train à bandes à chaud
Rolling	Laminoir
ERW	Unité de fabrication de tubes soudés à résistance électrique
SMLS	Train à tubes sans soudure
CAPL	Ligne de recuit et de décapage, en continu

Cold	Train à bandes à froid
HGL	Ligne de galvanisation par immersion à chaud
EGL	Ligne d'électrogalvanisation
ZnAl	Ligne de revêtement zinc/aluminium
Tin plate	Tôles étamées
Ptg	Ligne de revêtement couleur
Silicon	Tôles électriques/ligne de production de bandes

Les chiffres des capacités correspondent à des capacités nominales ou théoriques. Sauf indication contraire, ces chiffres sont exprimés en milliers de tonnes par an.

Les chiffres indiqués pour la « capacité existante » et les « équipements actuels » correspondent aux estimations établies fin décembre 2009.

Les chiffres sur les capacités indiqués dans le présent rapport ont été estimés sur la base des informations disponibles les plus fiables. Toutefois, les sources d'information étant limitées, bon nombre de chiffres cités correspondent aux capacités nominales ou théoriques. Dans certains cas cependant, les chiffres sur les capacités nominales ont été modifiés au vu des chiffres de la production effective ou des objectifs des projets de modernisation.

Dans la colonne « origine des capitaux », on distingue les entreprises ou projets d'État (S) et les entreprises ou projets du secteur privé (P).

L'origine des informations est précisée dans la colonne « sources ». Les chiffres indiqués sur les capacités ne sont pas nécessairement identiques aux estimations tirées de ces sources. Les abréviations utilisées dans la colonne « sources » sont les suivantes :

AME	AME info FZ LLC.
AMM	American Metal Market
ANGP	Angola Press
APL	Asia Pulse
BL	Business Line (publié en Inde)
BNA	Business News Americas
BPOST	Bangkok Post (publié en Thaïlande)
BS	Business Standard (publié en Inde)
BT	Business Times (publié en Malaisie)
CMN	China Metallurgical Newsletter
DH	Deccan Herald (publié en Inde)
DJ	Dow Jones Newswires
ET	The Economic Times (publié en Inde)
FE	The Financial Express (publié en Inde)
FT	Financials Times
HP	Company home page on the Net
HT	Hindustan Times (publié en Inde)
IHT	International Herald Tribune
IINFO	India Infoline (publié en Inde)
ISWW	Iron and Steel Works of the World (publié par Metal Bulletin Books)
KT	Khaleej Times (publié dans les Émirats Arabes Unis)
MB	Metal Bulletin
ME	ME Steel (sur Internet)
MP	Metal Producing & Processing

MYSTL	My Steel.com (publié en Chine)
NET	Informations obtenues sur Internet
NFB	News From Bangladesh
REU	Reuters Ltd
SA	Steels Alert
SWEEK	Steel WEEK (publié au Royaume-Uni)
TG	The Telegraph (publié en Inde)
VIR	Vietnam Investment Review
VNS	Vietnam News

AFRICA

Unit : thousand tonnes per year

Country	Nominal capacity							Crude steel production	Apparent consumption
	Exist	Increase to 2012			Capacity in 2012				
	2009	Firm	Possible	Unlikely	Mean	Low	High	2009	2008
ALGERIA	2 635	0	0	3 000	2 635	2 635	2 635	458	5 546
EGYPT	8 842	4 600	0	1 900	13 442	13 442	13 442	5 508	8 253
LIBYA	1 790	2 370	0	0	4 160	4 160	4 160	914	1 443
MOROCCO	800	1 000	0	2 200	1 800	1 800	1 800	479	2 441
NIGERIA	2 916	0	0	460	2 916	2 916	2 916	100	1 845
SOUTH AFRICA	12 275	0	0	3 090	12 275	12 275	12 275	7 484	6 779
ZIMBABWE	1 093	0	0	0	1 093	1 093	1 093	0	n.a.
OTHERS	999	0	0	100	999	999	999	265	3 867
TOTAL	**31 350**	**7 970**	**0**	**10 750**	**39 320**	**39 320**	**39 320**	**15 208**	**30 174**

Note : Apparent consumption is in terms of crude steel.

Source : Capacity − OECD secretariat. Production and apparent consumption − worldsteel.

Country: **ALGERIA**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Alfapipe									
	Annaba (formerly Alfatus)	(120)	SAW x 2					Algeria's privatisation agency Transolb says it has received some twelve expressions of interest for the 150,000 t/y pipe producer Alfapipe, which is currently up for privatisation. Alfapipe, the result of the merger between Alfatus and Anabib, produces spiral-weld coated and uncoated pipes for the energy and hydraulics industries. It has plants in Annaba and the industrial zone of Ghardaia. The potential buyers, which include international companies, are conducting due diligence and have until February to submit their formal offers, says Transolb.	SBB 07-Dec-06
	Ghardaïa (formerly Anabib)		SAW						
ArcelorMittal Annaba						P			
	El Hadiar, Annaba	2260						ArcelorMittal Annaba's production facilities consist of two basic oxygen furnaces with six converters and one electric arc furnace. It operates two sinter plants, two blast furnaces, a hot-strip mill, a cold reducing mill, a bar and rod mill and a seamless tube mill. In 2008, ArcelorMittal Annaba produced 0.6 million tonnes of crude steel.	HP
		(1700)	BF x 2						
			LD x 6						
			EF						
			LF						
			CC (billet) x 4						
			CC (slab) x 2						
		(850)	STR x 2						
		(1800)	Hot						
		(1050)	Cold						
		(90)	Tin plate						
		(300)	HGL x 2						
		(700)	SMLS						

Country: **ALGERIA (2)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
EZZ Steel						P		
	New steel mill project in Jijel			(3000)	(Unlikely) DR EF STR WR		The Algerian government has turned down Ezz Steel's plans to build a 3 million tpy greenfield plant in Jigel, because of issues over majority ownership. Ezz Steel has been in talks with the Algerian government to change its investment law, which was implemented in 2009, that set the maximum level for foreign ownership to 49%. Ezz Steel was planning to build a 3 million tpy rebar and wire rod mill in two stages. The first stage included a 1.65 million tpy direct reduced iron (DRI) plant and rolling mills with capacity to produce 1.5 million tpy of rebar and wire. In the second stage, a DRI plant of the same capacity would be added and finished product output ramped up to 3 million tpy.	MB 01-Jun-10
METAL SIDER						P		
	Arbaa	345						
		(345)	EF CC (billet)					
		(300)	STR x 2					
SNS						P		
	La Macta (Oran)	30						
		(30)	OH CC STR					

Country: **EGYPT**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Al Ezz Steel Rebars (Ezz Steel)					P		
10th Ramadan plant						The 10th Ramadan plant comprises of a rolling mill and a wire mesh factory and share many functional activities with the Sadat City plant. 10th Ramadan re-rolls billets into rebars in lengths and also has added-value facilities that convert rebars into wire mesh for use in the construction industry.	HP
	(400)	WR STR					
Alexandria	3000					The Alexandria plant is an integrated steel plant, including three direct reduction units for producing sponge iron, electric arc furnaces, coupled with continuous casting machines for billet production and rolling mills for producing rebar and wire rod. The combined output of the flat and long steel plants is 2.7 million tons per year.	HP NET SBB 13-Jun-07
	(3200)	DR x 3					
	(3000)	EF x 5					
		CC (tsc)					
	(1800)	CC (billet)					
	(1000)	Hot					
	(800)	WR					
	(900)	STR x 2					
Sadat City	600					The mini-mill in Sadat City includes a melt shop for the melting of steel scrap and the casting of billets and two rolling mills where billets are reheated and rolled into rebars. The melt-shop, which was commissioned in May 1998, has a design capacity of 600,000 tons of billets per year.	HP MB 02-Feb-07
	(600)	EF					
		LF					
		CC (billet)					
	(1000)	STR x 2					

Country: **EGYPT (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Suez flat steel plant	1200 (1200)< (1200)	 EF CC (tsc) Hot	1300 (1900) (1300)	(Firm) DR EF CC (billet)	-2012	Egypt's Ezz Steel has restarted production at its EFS flat products plant in Suez. The plant halted production in November 2008 due to the global financial crisis. EFS's capacity has been enhanced to 1.3m tonnes/year from the previous 1.2m t/y. The facility's capability has also been changed to produce either flat products or billet. In addition, Ezz Steel has ordered a 1.9 million tpy direct reduced iron (DRI) plant from Danieli and Tenova. The new plant is set to begin producing in 2011 and will supplement Ezz's three existing DRI plants in Alexandria, which have a combined capacity of 3.2 million tpy, Tenova said. Ezz Steel also announced the addition of a steel melt shop in EFS with a capacity of 1.2m t/y, thus bringing the subsidiary's capacity up from 1.3 to 2.5m t/y by mid 2012.	MB 01-Apr-10 MB 11-Jan-10 SBB 30-Mar-10 NET
ArcelorMittal DRI & billet plant project					P		
Northern Red Sea			(1400) (1600) (1400)	(Unlikely) DR EF	2010-2011	The Egyptian government has announced that the investment licence of ArcelorMittal might be cancelled in August 2010 if the company does not comply with the time schedule to start work on the project, it has been reported by the local media. ArcelorMittal was awarded a licence in early 2008 to build a DRI (1.6m t/y) and billet (1.4m t/y) plant. No recent progress with the project has been reported.	SBB 10-Jun-10
Arcosteel (The Arab Company for Special Steel)							
Sadat City	140 (140) (140) (140) (100) (20)	(stainless steel) LD LF CC (billet) STR WR					

Country: **EGYPT (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Beshay Steel							
Sadat City	1200		1300	(Firm)	2009-2011	Beshay Steel of Egypt has contracted Danieli Morgardshammar to supply a section and bar mill with 400,000 tonnes/year capacity. The construction of the new mill has started and is planned to start production in the second quarter of 2009. The new facility will be producing mainly sections. In addition, Beshay Steel has already ordered a new melt shop and a DRI plant. Beshay Steel owns International Steel Rolling Mills, Egyptian American Steel Rolling Mills and Egyptian Sponge Iron and Steel Co (ESISCO). ESISCO is the group's latest project and it is targeted at improving the rolling mills availability by improving the group's back integration and maintaining the supply of raw materials. The project involves constructing a 1.76m tpy Midrex DRI plant and a 1.3m tpy Siemens-VAI steel melt-shop.	SBB 28-Jan-08 HP NET
	(1200)	EF	(1760)	DR (MIDREX)			
		CC (billet)	(1300)	EF			
	(2000)	STR x 3		CC (billet)			
			(400)	STR			
Delta Steel Mill Co					S		
Mostorod, Kaliubieh	160					The Egyptian government has plans to privatise Delta Steel Mill Co.	ISWW
	(160)	EF x 3					
	(100)	LF					
	(120)	CC (billet)					
	(130)	STR					

Country: **EGYPT (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Egyptian Iron & Steel (Hadisolb)					S		
El-Tebbin, Helwan	1272						
	(1500)	BF x 4					
	(1200)	LD x 3					
	(72)	EF x 2					
	(600)	CC (billet) x 3					
	(900)	CC (slab) x 4					
	(240)	BLM					
	(420)	STR x 4					
	(95)	Plate					
	(650)	Hot					
	(260)	Cold x 2					
El-Nasr Steel Pipes & Fittings Co					S		
Cairo						The annual production reaches 100,000 ton/year of pipes sizes from 1/2" to 64".	
		ERW x 3					
		SAW x 3					
Kandil Steel					P		
Obour City						Egypt's Kandil Steel is planning to increase its sheet production capacity to 1m tonnes/year by 2010. The company reached 600,000 t/y in 2007 after its acquisition of Galva Metal. Kandil currently produces cold rolled, galvanised and pre-painted coils.	SBB 12-Feb-08
		Cold					
		HGL					
		Ptg					
Kouta Steel Group (formerly Arab Steel Factory (ASF))							
10th of Ramadan City	400					The Kouta Steel Group acquired the Arab Steel Factory from the Lakah Group in 2000. The factory produces some 400,000 tonnes a year of steel billets.	NET
	(400)	EF					
	(400)	CC (billet)					
	(450)	STR					

Country: **EGYPT (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Misr Iron & Steel (Misco)								
6th of October City, Cairo								
	(75)	STR						
Misr National Steel (Al Attal)					P			
Suez								
	(300)	STR						
National Metal Industries Co					S			
Abou Zaabal	280							
	(280)	EF OH STR x 3						
National Port Said Steel					P			
Port Said				(Possible)		2008	Egyptian rebar re-roller National Port Said Steel Co is planning to double its capacity by the end of 2008. The company produces 400,000 tpy of rebar at its plant in the El-Raswa industrial zone of Port Said close to the Suez Canal. It is investing around USD 20 million to increase capacity to 800,000 tpy by expanding its two existing rolling mills.	MB 06-Jun-08
	(400)	STR x 2	(400)	STR				
Suez Steel Co					P			
Adabiya, Suez	600		2000	(Firm)		2011	Suez Steel plans to continue expansion with a direct reduced iron plant with 1.95m t/y capacity, and increase its billet casting capacity to 2.6m t/y by 2011. The total cost of these expansions is expected to be EGP 6bn (USD 1bn). The company signed a contract with Danieli to build a new integrated mini mill with 2m tonnes of annual capacity in March 2008.	SBB 05-Oct-09
	(600) (600) (600) (550)	EF LF CC (billet) STR	(1950) (2000) (2000)	DR EF CC (billet)				

Country: **EGYPT (6)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
The Egyptian Copper Works					S		
Alexandria	130						
	(130)	EF					
	(130)	CC (billet)					
	(70)	STR					
The Hatem El-Hawary Group					P		
Alexandria Steel Melting Co						A 30-tonne electric furnace has been acquired from Danieli and is to be installed in 1998, The commissioning of the furnace, however, is expected to be delayed until the company secures an adequate supply of electricity.	MB 10-Feb-97
		EF					
Alexandria Steel Works							MB 10-Feb-97
	(200)	WR					
Sadat City Steel Co							MB 10-Feb-97
	(80)	STR					
Tiba							
Billet plant project			(500)	(Unlikely)		Tiba plans to build a 500,000 tpy capacity billet plant. Tiba is understood to be backed by Saudi steelmaking family Al-Rashed.	MB 05-Feb-08
			(500)	Steelmkg			NET
			(500)	CC (billet)			

Country: **LIBYA**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
The Libyan Iron and Steel Co (LISCO)					S		
Misurata	1790		2370	(Firm)	2012-2013	The Libyan Iron & Steel Company (Lisco) aims to increase its crude production capacity to 4.16 million tpy by 2012-13, up from 1.79 million tpy, to match supply with Libya's expected growth in steel demand. The increase in production will be completed in two stages, with the first stage already underway. As part of the first stage, the company has already started to increase its long products capacity. Lisco has one 1.75 million tpy direct reduced iron and hot briquetted iron plant, and capacity will increase to 2.85-3 million tpy by 2012. The expansion in capacity will also be in flat and long products.	MB 02-Jun-09 MB 08-Mar-10 HP
	(1750)	DR (MIDREX) x 3	(1100)	DR			
	(1790)	EF x 6	(2370)	EF			
		CC (billet) x 2		STR			
		CC (bloom)		WR			
	(611)	CC (slab) x 2		Hot			
	(120)	STR		Cold			
	(800)	WR					
	(580)	Hot					
	(154)	Cold					
	(80)	HGL					
	(40)	Ptg					

Country: **MOROCCO**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Liberty House & Moroccan Iron Steel JV								
	New steel mill project			(2000)	(Unlikely)	2009-2010(EF)	Liberty House, UK, has created a joint venture with Moroccan Iron Steel (MIS) and other partners, including Coresteel AG of Switzerland, to realise three new steelmaking projects in Morocco, combined capacity of which should reach 2m tonnes/year. Two plants will make long products, while the third will produce hot rolled coil. A melt shop with a capacity of 200,000 t/y of billet should come into operation by July 2009. The billet will be sold to MIS's rebar mill in Casablanca. Another melt shop and new rolling mill, with a capacity of 500,000-600,000 t/y of rebar and wire rod, is scheduled to start up in quarter three 2010. Both long product plants will melt steel via electric arc furnaces and will be located in Settat, near Casablanca. The intended raw material for the hot rolled coil plant is direct reduced iron (DRI). The site for this works, with a projected capacity of 1.3m t/y, has not yet been chosen. It will take around five years before the plant will be constructed. Liberty also considers the possibility of feeding the long product plants with DRI, which could be purchased from Libya. The whole venture will cost around USD 2bn (EUR 1.3bn).	SBB 10-Jul-08 MB 11-Jul-08
				(700)	EF			
				(500)	STR			
				(1300)	DR			
				(1300)	Steelmkg			
				(1300)	Hot			
Longofer								
	Casablanca							
			ERW					

Country: **MOROCCO (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Maghreb Steel							
Casablanca			1000	(Firm)	2010(Hot), 2011	Moroccan flat product producer Maghreb Steel has successfully inaugurated its hot strip mill, according to the vice president of steelmaking and continuous casting technology division at SMS Siemag. He said production started at the end of February at Maghreb Steel's existing facility in Casablanca. The hot strip mill has the capacity to produce 1 million tpy of hot rolled coil. Maghreb Steel is currently buying slabs from various international sources to feed the hot strip mill until the start of its own meltshop which is currently under construction and is scheduled to start production in January/February 2011. The meltshop is being supplied by SMS Siemag and it will have one 120 tonne EAF with capacity to produce 1 million tpy of crude steel. It will be fed by 60% scrap and 40% HBI. Also, as part of the investment Maghreb Steel will add a 1 million tpy slab caster to feed the hot strip mill. SMS Siemag will supply a plate mill that will have the capacity to produce 500,000 tpy. Production will start at the beginning of 2011 and it will produce plate 1,500-2,650 mm wide and thickness of 1.5-20 mm. It's estimated that the total investment was USD 450 million and it will reduce the need for flat product imports to Morocco.	MB 08-Mar-10
	(400)	Cold x 2	(1000)	EF			
	(230)	HGL x 2		LF			
	(30)	Ptg	(1000)	CC (slab)			
			(1000)	Hot			
			(500)	Plate			
Moroccan Iron Steel (MIS)							
Casablanca							
		STR					

Country: **MOROCCO (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
SONASID (ArcelorMittal Group)					P		
Casablanca							
	(60)	STR					
Jorf Lasfar	800		(200)	(Unlikely)		SONASID is ramping up production at its new meltshop at Jorf Lasfar on the country's Atlantic coast, which it started up in August 2005. The company aims to raise the 120-tonne electric arc furnace's output to 1 million tpy of 140mm square billet from its starting capacity. Jorf Lasfar steelworks is also raising the rolling capacity for 10-40mm rebar from 450,000 tpy to 650,000 tpy.	SBB 07-Oct-07 ISWW
	(800)	EF	(200)	EF			
		LF	(200)	STR			
	(800)	CC (billet)					
	(450)	STR					
Nador						SONASID's 600,000 tpy Nador mill can produce 5.5-16mm rebar and wire rod.	
	(600)	WR					
Univers Acier					P		
Casablanca				(Unlikely)	2009-2010	Moroccan rebar manufacturer, Casablanca-based Univers Acier, is expanding production facilities to increase its capacity up to 1m tonnes/year supported by an investment of USD 150 million. The new facilities are expected to be in operation by the end of 2009 or early 2010. Univers now claims to be the second biggest producer in the North African country. The company was formed in 2002 from a partnership between Moroccan tube producer Longofer and Turkish investors.	SBB 20-Jul-08
	(400)	STR	(600)	STR			

Country: **MOROCCO (4)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Ynna Steel						P			
	Casablanca				(Possible)		2010	Moroccan industrial conglomerate Ynna Holding is poised to enter the steelmaking sector, with the building of a 400,000 tonnes/year capacity bar and wire rod mill. The new plant is being built on a turnkey basis by Spain's Bascotecnia Steel, which has been providing equipment and consulting to the steel industry since 2003. Bascotecnia will source machinery and materials from ten suppliers including Stein Heurtey for a billet re-heat furnace.	SBB 05-Jan-07 NET
				(400)	STR				

Country: **NIGERIA**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
African Steel Mills Nigeria Ltd					P		
Ikorodu, Lagos	200		(400)	(Unlikely)		African Steel Mills Nigeria Ltd, established by Gupta family, started up its operation in 2004. The company operates electric induction furnaces with a combined melting capacity of 200,000 tpy and two rolling mills with a capacity of 200,000 tpy. Currently, two further new mini mills are under construction in Lagos and Abuja, which will take its combined steel making and rolling capacity in Nigeria to about 600,000 tonnes.	MB 31-Jan-07 NET
	(200)	IF	(400)	Steelmkg			
	(200)	STR					
Ajaokuta Steel Co Ltd					S		
Ajaokuta City, Kwara State	1300					The Nigerian Federal government is hoping to restart production at Ajaokuta Steel by the end of the second quarter 2010 and is in the process of auditing the plant's machinery, according to local media reports. The Nigerian government is assessing what improvements need to be made to the plant's equipment and the results will be ready in four to six weeks. Some 4.5 billion Nira (USD 29.7 million) has been earmarked from the annual budget to revive the idled Ajaokuta Steel rolling mill and National Iron ore and Mining Co. Ajaokuta has the capacity to produce 1.3 million tpy of long products. The steel plant and National Iron ore and Mining Co in Itakpe were owned by India's Global Steel Holdings (now GIHL) until mid-2008 when the Federal government of Nigeria took over ownership. GIHL signed a 10-year Concession Agreement with the Obasanjo administration in 2004, which was converted into a Share Purchase Agreement in 2007. In 2008 GIHL said it had paid USD 200 million to take a 60% stake in Ajaokuta.	MB 12-Mar-10
	(1300)	BF					
	(1300)	LD					
		CC (bloom)					
		BTM					
	(960)	STR x 2					
	(130)	WR					

Country: **NIGERIA (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Dana Steel Ltd					P		
Katsina	180					Dana Steel Ltd, the major investor in Nigeria's Katsina Steel Rolling Co, has commissioned a new billet manufacturing operation in the African nation, which will reduce its dependence on imports significantly, according to local reports. Dana Steel has relied on billets imported from Ukraine, Brazil, China and Russia. Its managing director Jacky Hathiramani was quoted as saying: "With the steel melt shop now operational, Dana Steel will now cast its own billets from metal scraps." This will ultimately reduce the company's dependence on purchased billets by "up to 81%," he said. The rolling mill has capacity of 207,000 tonnes/year and the billet plant 180,000 t/y.	SBB 01-Dec-09 NET
	(180)	IF					
	(207)	STR					
Delta Steel Co Ltd					S		
Aladja, Warri	1000					The federal government of Nigeria has set 2011 as a deadline for the beginning of production at the Ajaokuta and Delta steelworks and the National Iron Ore Mining Company. The government is also considering plans to privatise the companies as part of its efforts to restructure them and get them operational by 2011. Ajaokuta has a nominal capacity of 1.3m tonnes/year of bar, rod and sections. Delta Steel can produce billets and light sections. In 2008 Delta Steel was reported to be operating at a fifth of its full capacity by Global Infrastructure Holdings, which had won a ten-year concession in 2005 to operate the steel plant and ore mines. But the Nigerian government revoked the concession in the spring of 2008, citing "non-compliance."	SBB 05-Feb-10
	(1020)	DR (MIDREX) x 2					
	(1000)	EF x 4					
	(960)	CC (billet) x 3					
	(300)	STR					

Country: **NIGERIA (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Federated Steel Mills					P		
Ota	40						
	(40)	EF					
	(140)	STR					
General Steel Mill					P		
Asaba	14						
	(14)	EF					
	(50)	STR					
Hoesch Pipe Mills (Nigeria) Ltd					P		
Ikeja, Lagos							
	(83)	ERW x 2					
Integrated Steel (formerly Oshogbo Steel Rolling Co Ltd)					P		
				(Unlikely)	2011	Dangote Group, which recently took over the Oshogbo Steel rolling mill in Nigeria, is working towards a restart of production at the plant. Dangote is an industrial and manufacturing group whose interests include cement, energy and foodstuffs. It has set up a company called Integrated Steel Co to run the formerly state-owned Oshogbo bar and rod mill. According to the local press, Dangote Group have pledged investment of USD 180 million to raise capacity from 207,000 tonnes/year to 450,000 t/y in the next three years.	SBB 11-Jun-08
	(207)	STR	(250)	STR			

Country: **NIGERIA (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Nigerian Spanish Engineering					P		
Kano	72						
	(72)	EF					
	(188)	STR					
Others							
	60						
Tulsyan Group & Budhrani Group JV							
New rebar plant project			(60)	(Unlikely)	2010	India's Tulsyan Group has signed a memorandum of understanding (MoU) with the UK-based Budhrani group of companies to set up a steel mill in Nigeria. The MoU was signed in September and will see the commissioning of the mill by mid-2010 at an approximate capital cost of USD 14 million. The mill will make billets through the induction furnace route, which will then be rolled into 60,000 tonnes/year of long products like rebars used for construction purposes. It requires around twelve hectares of land, and the acquisition process has already begun at a site close to the southwestern city of Lagos.	SBB 21-Oct-08
			(60)	IF			
			(60)	STR			
Universal Steels Ltd					P		
Ikeja	50						
	(50)	EF					
		CC (billet)					
	(80)	STR					

Country: **NIGERIA (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Zuma Steel West Africa Ltd (formerly Jos Steel Rolling Co Ltd)					P		
Jos, Plateau State	(210)	STR				Zuma Steel West Africa has restarted production at the previously moribund Jos Steel Rolling Co in Plateau State, Nigeria, and aims to roll rebar, wire rod in coils and flat bar. Following start-up in July 2006, the mill should reach its full capacity by December 2006 and be able to process 210,000 tonnes of billet a year. Zuma Steel was incorporated in 2005, and acquired the Jos rolling mill when it was offered for privatisation by Nigeria's Bureau of Public Enterprises. Zuma has formed a partnership with Ukrainian steel producer Industrial Union of Donbass (IUD), with the latter offering its "technical support and expertise", adds Zuma. "IUD has the controlling share" in Jos Steel, the Zuma manager says.	SBB 26-Jul-06

Country: **SOUTH AFRICA**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Afro-Asia Steel								
Coega industrial development zone			(90)	(Unlikely) (90) Steelmkg		2009	An Indian company called Afro-Asia Steel is preparing to start work on constructing a new steelworks in South Africa. The plant is to be built in the Coega industrial development zone near Port Elizabeth on South Africa's southeastern coast. Afro-Asian Steel signed a ZAR 75 million (USD 11 million) project for the billet plant in July 2007. Construction is due to begin by April 2008 at the latest, after the project gets its environmental permit. Construction and commissioning are expected to take 10-12 months, indicating that production could start in the second quarter of 2009. The plant will be able to produce about 90,000 tonnes/year of mild steel billets for shipment to India. Its raw material will be local scrap.	SBB 28-Jan-08
ArcelorMittal South Africa (formerly Iscor)					P			
Newcastle Works	2800 (1825) (2800) (2100) (1600) (700) (620)	 BF LD x 3 LF x 2 CC (bloom) x 3 BTM STR x 2 WR		(Unlikely) BF CC (billet) STR		2011	ArcelorMittal South Africa (Amsa) has announced plans for a major expansion of its Newcastle steelworks to raise production capacity for long products. This will include a new blast furnace, billet caster and bar/section mill to be installed by 2011.	SBB 31-Jul-08

Country: **SOUTH AFRICA (2)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
	Saldanha Works	1200			(Unlikely)		ArcelorMittal South Africa's Saldanha steelworks is ramping up its Corex furnace to full capacity. The ironmaking plant was restarted on 22 April 2008 following a reline lasting two and a half months. Saldanha, an integrated producer of hot rolled coil, has also completed a parallel reline of its Midrex furnace. This unit is fuelled by the Corex's waste gases, and was restarted when these gases again became available.	SBB 13-May-08
		(800)	DR (MIDREX)					
		(650)	Corex					
		(1200)	EF					
			CC (tsc)					
		(1200)	Hot					
	Vanderbijlpark Works	4440			(Unlikely)	2010-2011	Arcelormittal South Africa plans R3.6bn projects to add value in the flat products area. These include a new colour-coating line with 100,000 t/y capacity to start up by 2010, and two new galvanising lines by 2011 at the Vanderbijlpark works.	SBB 31-Jul-08
		(940)	DR (SLRN) x 6		HGL x 2			
		(3360)	BF x 2	(100)	Ptg			
		(3000)	LD x 3					
		(1440)	EF x 3					
			LF x 2					
		(4680)	CC (slab) x 3					
		(480)	Plate					
		(3600)	Hot					
		(1704)	Cold x 2					
		(259)	Tin plate					
		(628)	HGL x 3					
		(140)	EGL					
		(108)	Ptg					
	Vereeniging Works	370						
			(special steel)					
		(130)	DR					
		(370)	EF					
			LF x 2					
		(350)	CC (billet)					
		(225)	STR x 3					
		(85)	SMLS					

Country: **SOUTH AFRICA (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Cape Town Iron & Steel Works (Pty) Ltd (Cisco)					P		
Cape Province	280						
	(280)	EF					
		LF					
		CC (billet)					
	(140)	STR					
Columbus Stainless Pty Ltd (Acerinox Group)					P		
Middelburg, Mpumalanga	1000						
		(stainless steel)					
	(1000)	EF					
		AOD x 2					
		CC (slab)					
	(1000)	Hot					
	(545)	Cold (stn) x 3					
Davsteel, Division of Cape Gate (Pty) Ltd							
Vanderbijlpark	485						
	(485)	EF					
	(485)	CC (billet)					
	(280)	WR					
	(180)	STR					
Zonderwater						The DR plant commissioned in 1985.	
	(40)	DR					
Duferco Steel Processing Ltd					S/P		
Saldanha Bay						Duferco Steel Processing Ltd (DSP) is a 50/50 joint venture between Swiss trader, Duferco and the Industrial Development Corp (IDC) of South Africa. The company commissioned a cold-rolling line and a galvanizing line in May 1999.	
	(420)	Cold x 2					
	(300)	HGL					

Country: **SOUTH AFRICA (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Dunswart							
Benoni						Started up in 1973.	
	(150)	DR (Codir)					
Hall Longmore					P		
Wadeville, Germiston & Duncanville, Vereeniging				(Firm)		Diversified engineering company Hall Longmore, part of the Murray & Roberts Group, has initiated a capacity expansion programme that significantly improves the production output of the company. The latest phase of the upgrade includes the streamlining of the plant to achieve an annual throughput of some 200,000 t of electric-resistance welded pipe (ERW) up to a diameter of 610 mm.	NET 10-Oct-08
		ERW		ERW			
		SAW					
Highveld Steel & Vanadium Corp (Evraz Group)					P		
Witbank	1000						
		Pre-Reduct					
	(1000)	DR (SLRN)					
	(1000)	LD x 3					
		LF x 2					
		CC (billet)					
		CC (bloom) x 2					
		CC (slab)					
	(350)	STR					
	(475)	Plate					
		Hot					

Country: **SOUTH AFRICA (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Industrial Development Corp					S		
New steel mill project at Coega or in Mozambique			(3000)	(Unlikely)	2014	South African state-owned financial institution Industrial Development Corp (IDC) has confirmed plans to build a multi-billion dollar steel mill in that country or in Mozambique, which is expected to come on stream in 2014. The firm is currently undertaking a scoping study, which is expected to be finalised in September 2009, Abel Malinga. The costs of developing the steel mill would be determined by the scoping study, but it would likely be in the range of USD 1.5 to 3 billion and produce between three and four million tpy steel. Maputo in Mozambique and Coega in South Africa are among possible sites for the plant, but the site would be determined by the availability of coal and iron ore. The IDC, which funds projects to foster economic growth, believes that in five years time there would be a shortage of steel in the southern African region due to urbanisation, the need to revamp the region's railway network, a looming energy crisis and new mines that are being developed.	MB 16-Feb-09
			(3000)	Steelmkg			
Microsteel (Pty) Ltd							
Kwazulu Natal						The plant was mothballed in 1998.	
		(stainless steel)					
	(100)	IF x 2					
	(100)	AOD					
	(100)	CC (billet)					

Country: **SOUTH AFRICA (6)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
New DRI plant JV (Palamin, IDC and IMBS JV)					S/P		
Phalaborwa				(Firm)	2011	A new direct reduced iron plant is to be built in South Africa under a joint venture between the Palabora Mining Co (Palamin, part of the Rio Tinto group), the governmental Industrial Development Corporation of South Africa (IDC) and Iron Mineral Beneficiation Services (IMBS). Initial capacity will be 50,000 tonnes/year. John Beachy Head, the CEO of IMBS, says that DRI production will increase " in a modular structure of 50,000 tonnes at a time". He adds that the first module will be completed by the end of 2011, moving to 500,000 t/y by the end of 2013. "Maximum capacity is expected to reach 2m t/y but is reliant on the further development of infrastructure, and at the moment it is capable of taking only 500,000 t/y," he says. Beachy Head says that the DRI will be primarily for sale into the local market, although there is a possible opportunity to build a steel plant at the Phalaborwa site and the government is strongly in favour of building new steelworks. IMBS has been running a demonstration-scale DR plant near Johannesburg since 2007.	SBB 11-Jun-10 NET
			(50)	DR			
Robor (Pty) Ltd					P		
Gauteng							
	(200)	ERW					
SA Steelworks (SA Metal Group)					P		
Cape town	100						
	(100)	IF x 2					
	(100)	CC (billet)					

Country: **SOUTH AFRICA (7)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Safal Steel					P		
Cato Ridge				(Firm)	2010	Safal Steel is planning to start operations at its new ZAR 1 billion (USD 130 million) cold rolling and galvanising plant at Cato Ridge in KwaZulu Natal in a few weeks' time. Upon start-up, Safal will host a 300,000 t/y pickling line, and cold rolling and hot dipped galvanising lines of 150,000 t/y each.	SBB 20-Apr-10 SBB 07-Aug-09
			(150)	Cold			
			(150)	HGL			
Scaw Metals					P		
Dinwiddie, Germiston	600					Diversified miner Anglo American is set to sell South African steelmaker Scaw Metals as part of its strategy to divest non-core assets. Scaw has operations in South Africa, South America, Canada, Australia, Namibia, Zimbabwe and Zambia. Anglo American holds 74% in Scaw South Africa and 100% of Scaw International.	MB 22-Oct-09
	(320)	DR x 3					
	(600)	EF					
		LF					
	(600)	CC (billet)					
	(150)	STR x 2					
	(300)	WR					
Southern Cross Precision Mill							
Stainless steel cold strip mill project in Coega				(Unlikely)		A stainless steel cold strip mill project in Coega is being held up by lack of finance. The project, called Southern Cross Precision Mill, was approved in 2006, but financial closure is still outstanding, the Coega authority says. The first phase will have a production capacity of 9,000 tonnes/year of cold rolled precision strip up to 400mm wide. In the second phase capacity will be increased to 27,000 t/y.	SBB 28-Jan-08 SBB 10-Aug-06
				(stainless steel)			
			(27)	Cold (stn)			

Country: **ZIMBABWE**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Lancashire Steel (Pvt) Ltd							
Kwekwe							
	(48)	WR					
Steel Corp of Africa					P		
Redcliff	60						
	(60)	IF					
	(60)	LF					
	(60)	CC					
	(60)	STR					
Steelmakers Zimbabwe (Pvt) Ltd					P		
Redcliff	200			(Possible)		Steelmakers has four rolling mills with a capacity to produce 100,000 tonnes of steel per annum and plans to double its production capacity to 200,000 tonnes.	NET 21-Aug-09
	(200)	EF x 2 CC	(100)	STR			
	(100)	STR x 4					
Sponge Iron Plant at Masvingo				(Possible)		The sponge iron manufacturing facility at Masvingo was commissioned in December 2004. The final phase of the sponge iron project will see the plant producing 162,000 tons of sponge iron per annum.	HP
	(54)	DR (Codir)	(108)	DR (Codir) x 2			

Country: **ZIMBABWE (2)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
ZISCO (Zimbabwe Iron & Steel Co)						S			
	Redcliff	833						ArcelorMittal South Africa (Amsa) and Jindal Steel are awaiting a decision from the Zimbabwean government on whether their bid for a 60% share in the Zimbabwean Iron & Steel Co (Zisco) has been successful. The Zimbabwean government has not given a timeframe or indicated when a decision will be reached. The government owns an 89% stake in the 1 million tpy long products plant which was mothballed around two years ago. The 750,000 tpy Buchwa Iron Mining Co is one of Zisco's most attractive assets, according to analysts. It is estimated that Zisco is as much as USD 300 million debt, which has prompted the government of Zimbabwe to try and sell a majority stake in the struggling company, which has been operating at less than 10% capacity over the last ten years.	MB 15-Mar-10
		(900)	BF x 2						
		(833)	LD x 2						
		(983)	CC (billet) x 2						
		(650)	BLM						
		(550)	BTM						
		(145)	STR x 2						
		(160)	WR						

Country: **OTHERS**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
CONGO (DRC)							
Sosteel (Sosider - Société Sidérurgique de Maluku)					S/P		
Maluku, Kinshasa	100			(Unlikely)	2006	Sosteel, a steel works in Kinshasa that has not operated since the mid 1980s, is reportedly due to resume operations in June 2005 following a rehabilitation project undertaken by Kenyan Indian company Steelmakers Ltd. Sosteel has a 50-tonne electric arc furnace, twin-strand billet caster and a combined rod and bar mill. Steelmakers Ltd has set up Sosteel as a 50/50 joint venture with DRC government and has an option to take a majority stake within five years. The next project to rehabilitate Sosteel's other idled facilities, including a 200,000 tpy cold rolling mill and a 200,000 tpy galvanizing line, is due to start in August 2005 and should take about a year to complete.	MB 19-May-05
	(100)	EF	(200)	Cold			
		CC (billet)	(200)	HGL			
	(100)	STR					
COTE D'IVOIRE							
Sotaci - Société de Transformation de l'Acier en Côte d'Ivoire							
Abidjan							
	(15)	ERW					
ETHIOPIA							
Abyssinia Integrated Steel Plc					P		
Debre Zeit	60						
	(60)	Steelmkg					
	(60)	STR					
Akaki Metal Products Factory							
Akaki							
	(22)	HGL					

Country: **OTHERS (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Ethiopia Steel Smelting Enterprise					S		
Akaki	7						
	(7)	EF					
	(7)	STR					
Sheba Steel Mills					P		
Bishoftou	105					Sheba Steel Mills, a company in Ethiopia belonging to Pakistan's Mishkaat Holdings LLC, has completed the installation of a continuous casting plant. The plant, located in Bishoftou town, west of the capital Addis Abeba, will have an annual capacity of 105,000 tonnes of billets. Sheba Steel Mills currently produces 30,000 tonnes of billet and 27,000t of rebar annually. Some 30% of its sales are exported, and most of the local sales are for government housing projects. It is also planning to produce sections, wire rod, barbed wire, galvanized wire and mesh by April 2008.	SBB 26-Dec-07
	(105)	Steelmkg					
	(105)	CC					
		STR					
Walia Steel Industry					P		
Oromiya Region						Walia Steel Industry has capacity to produce 40,000 tonnes reinforcement bar and 36,000 tonnes of hollow section profile. The factory began production in August 2006.	NET 22-Oct-08
	(76)	STR x 2					
Zuqalla Steel Rolling Mill							
Debre Zeit							
	(36)	STR					

Country: **OTHERS (3)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
GHANA								
Ferro Fabrik								
	Tema	30						
		(30)	EF					
			STR					
Ghana Iron & Steel Co (Gisco)						P		
	Tema JV				(Unlikely)	2007(HGL), 2008(Cold)	Liberty Commodities, the London steel trader, is building a hot-dip galvanizing line with a capacity of up to 75,000 tpy in Ghana in a Joint venture with India's Uttam Galva. The plant is expected to be in production by the end of 2007. The new business, Ghana Iron & Steel Co (Gisco), will be the country's only coil coater and serve a market for ultra thin-gauge roofing sheet that is roughly equal to Gisco's capacity. Located about 20 km east of the port of Tema, Gisco is also to install a 200,000-250,000 tpy 6-hi cold reversing mill to feed the galvanizing line. The CR mill is scheduled for completion by the end of 2008. Gisco's galvanizing line represents an investment of more than USD 20 million, while the CR mill is budgeted at USD 40 million. Joint venture partner Uttam Galva has supplied the galvanizing line.	MB 31-Jan-07
				(75)	HGL			
				(250)	Cold			
Tema Steelworks						S/P		
	Tema	30						
		(30)	EF x 2					
			IF x 2					
		(75)	CC (billet)					
		(26)	STR x 2					

Country: **OTHERS (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Wahome Steel Ltd							
Tema	72					Wahome Steel is the largest steelmaking plant in western Africa. Established in May 1987, it has the capacity to produce about 6,000 tonnes of steel billets a month, from which reinforcing bar, nails and angle bars are manufactured for the construction industry.	AMM23-Feb-07
	(72)	EF					
	(72)	CC (billet)					
		STR x 2					
Western Steel & Forging							
Kpone	60						
	(60)	EF					
	(72)	STR					
KENYA							
Corrugated Sheets Ltd					P		
Mombasa							
	(50)	HGL x 2					
		Ptg					
		STR					
		ERW					
Devki Steel Mills Ltd							
Nairobi							
		SLM					
		Plate					
	(12)	STR					
	(24)	WR					
	(12)	ERW					
	(12)	SMLS					

Country: **OTHERS (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Doshi Enterprises Ltd					P		
Mombasa							
	(30)	ERW					
Emco Billets (formerly Steel Billet Casting Ltd)					P		
Nairobi	20					Madvhani Group of Uganda was considering the reopening of Emco Steelworks and Emco Billets in Nairobi to provide a stable billet supply for its rolling mill in Uganda.	MB 06-Apr-04
		EF CC					
Galsheet Kenya Ltd					P		
Nairobi & Mombasa						Mabati Rolling Mill was originally incorporated as Mabati Ltd in 1961 when its first galvanizing plant was commissioned. The company's cold rolling mill at Mariakani was commissioned in 1982 while the galvanizing division, tube mill, and the strapping line were simultaneously hived off into its associate companies, namely: Galsheet Kenya Ltd, Insteel Ltd and Signode Packaging Systems Ltd respectively.	HP
	(40) (30)	HGL Ptg					
Insteel Ltd					P		
Nairobi							
	(45)	ERW x 3					
Kenya United Steel Co Ltd (KUSCO)					P		
Mombasa	20					The continuous caster was installed in 1997.	
	(20) (30)	EF CC STR					

Country: **OTHERS (6)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Mabati Rolling Mills Ltd					P		
Mariakani							
	(120)	Cold					
	(80)	HGL					
	(35)	Ptg					
Standard Rolling Mills					P		
Mombasa							
	(80)	Cold					
Steel Africa Ltd							
Mombasa							
		HGL					
MAURITIUS							
Consolidated Steel Ltd							
Port Louis							
	(85)	STR					
Desbro International Ltd							
Port Louis							
		STR					
Samlo Koyenco Steel Co Ltd							
Midlands	12						
	(12)	IF					
	(12)	STR					

Country: **OTHERS (7)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
MOZAMBIQUE							
ArcelorMittal South Africa					P		
Maputo	(35)	STR				ArcelorMittal South Africa has closed its Maputo bar/rod mill in Mozambique, as of 4 September 2009. ArcelorMittal acquired the mill in 2007. ArcelorMittal Maputo produced only 5,150 tonnes in 2008 out of its nominal capacity of 35,000 tonnes/year, and recorded a loss. According to the local press, AMSA also dropped plans to build a 400,000 tonnes/year plant in Mozambique due to the steel sector downturn.	SBB 05-Oct-09 SBB 13-Sep-09
Capital Star Steel							
Beluluane free zone	(200)	ERW				Capital Star Steel is born of a joint venture between the South African company Capital Africa Steel (Pty) Ltd and the Chinese Seven Star Group. The company inaugurated a 200,000 tonnes/year electric resistance welded (ERW) pipe mill in Mozambique, southern Africa, on 24 July 2009. Construction started in March 2008 in Maputo province, the capital of Mozambique, with the project costing about USD 37 million.	HP SBB 28-Jul-09
Cia Industrial de Fundicao e Laminagen Sarl							
		DR EF CC WR STR				The company purchased and relocated disused production plant from a steelworks in Spain. The plant includes a 70t electric arc furnace and 4-strand Danieli continuous caster.	MB 16-Nov-95

Country: **OTHERS (8)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
SUDAN							
Al Asaad Steel							
Khartoum							
	(200)	STR					
Sudan Master Technology							
Giad Industrial City, Khartoum	60						
	(60)	EF					
		CC (billet)					
	(150)	STR					
	(140)	ERW x 3					
Sudanese Malaysian Factory for Steel Industry							
Khartoum				(Possible)		Khartoum based Sudanese Malaysian Factory for Steel Industries plans to expand capacity to produce 100,000 tonnes of rebar steel per year due to local demand. Under the first phase of an expansion plan, the company plans to begin production in about three months of rebar at the rate of around 60,000 tonnes per year. The company currently produces no rebar which is used in construction. It produces flat steel and pipes. At a later stage the production will be 100,000 tonnes.	NET 27-Apr-09
		Rolling	(100)	STR			
		ERW					
Sudanese Steel Products							
Khartoum							
	(150)	STR					
	(20)	HGL					

Country: **OTHERS (9)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
TANZANIA							
Aluminium Africa Ltd.							
Dar es Salaam						Aluminium Africa has a foundry which melts Aluminium scrap and casts Aluminium slabs and thereafter, hot rolling and cold rolling. It also has a cold rolling mill, galvanizing line and pipe mill for steel construction materials.	
		Cold					
	(33)	HGL					
	(15)	ERW					
MM Integrated Steel Mills Ltd							
Dar es Salaam							
		STR					
		ERW					
	(36)	HGL					
Sita Steel Rollings Ltd							
Dar es Salaam							
	(14)	ERW					
TOGO							
Amexfield Togo Steel (formerly Société Togolaise de Sidérurgie)					P		
Lomé						The private company funded by US, UK and Indian interests purchased the old government steel works, Togolaise de Siderurgie, in 1994.	
	(20)	STR					
		Cold					

Country: **OTHERS (10)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
TUNISIA							
El fouladh, Sté Tunisienne de Sidérurgie					S		
Menzel Bourguiba	200					Tunisian long products maker El Fouladh started up its second electric arc furnace in July 2009. The new 20-tonne furnace has a capacity of 100,000 tonnes/year, taking the works' total crude steelmaking capacity to 200,000 t/y. It sources scrap for its two furnaces from within Tunisia. El Fouladh is considering in the future building a second meltshop, including a third EAF, perhaps 60 or 100 t in heat size, and a continuous billet caster.	SBB 22-Jul-09
	(200)	EF x 2		EF			
		LF		CC (billet)			
	(220)	CC (billet) x 3					
	(130)	STR					
	(75)	WR					
Intermetal					P		
Rades							
	(300)	STR					
Sidenor (Sté des Aciéries de Tunisie)							
Bir Mcherga							
	(200)	STR					
Société Métallurgique du Centre (SMC)							
Menzel Harb						Société Métallurgique du Centre (SMC), a North African reinforcing bar re-roller, plans to invest USD 12 million to increase its capacity with the addition of a second rolling mill. SMC currently rolls 220,000 tpy of rebar at its facility in Menzel Harb, Tunisia, and plans to increase capacity to 330,000 tpy by July 2009. Italian plantmaker Danieli & C. SpA will supply the second rebar rolling mill.	MB 03-Jun-08
	(220)	STR	(110)	STR			

Country: **OTHERS (11)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Tunisacier SA (Riva Group)					P		
Bizerte							
	(300)	Cold					
	(140)	HGL					
	(60)	EGL					
UGANDA							
BM Technical Services							
Kilembe	4						
	(4)	IF					
	(5)	STR					
New blast furnace project							
Kasenyi region				(Unlikely)		The Ugandan Investment Authority is looking for an investor to establish a blast furnace in the Kasenyi region of the country to supply the steelmaking industry. Kasenyi's hematite deposits have proven reserves of 4.6 million tonnes, with potential reserves in the area estimated at 50 million tonnes, the authority said. Around USD 50 million of investment will be required, the authority estimated, saying " the new project could be a joint venture with local investors, or could be fully owned by foreign investors". Uganda consumes around 80,000 tpy of steel, but produces only 7,000 tonnes, it continued.	MB 22-Jul-09
				BF			
Roofings Ltd					P		
Kampala				(Unlikely)		Roofings Ltd plans to add additional capacity of manufacturing electro-welded tubes (12,000 tonnes).	ISWW
	(60)	ERW		(12) ERW			

Country: **OTHERS (12)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Sembule Steel Mills Ltd							
Kampala							
	(10)	STR					
Steel Corporation of East Africa Ltd							
Jinja	24						
	(24)	EF					
	(50)	CC (billet)					
	(30)	STR					
Steel Rolling Mills Ltd					P		
Jinja	70						
	(21)	EF					
		IF x 2					
		CC (billet)					
	(50)	STR x 3					
Tembo Steels Ltd							
Iganga	12						
	(12)	EF					
	(10)	STR					
Lugazi	9						
	(9)	IF x 2					
	(9)	STR					
Uganda Baati Ltd (Safal Group)					P		
Kampala							
	(28)	HGL					

Country: **OTHERS (13)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
UGMA Engineering Corp							
Lugazi	4	(special steel)					
	(4)	IF					
	(2)	STR					
ZAMBIA							
Art (Art Engineering)					P		
Ndola						Art is a joint venture between Zambia's Art Engineering and Mombasa-based Kenya United Steel Co (Kusco).	
	(20)	STR					
Universal Mining & Chemical Industries Ltd							
Kafue	100		(100)	(Unlikely)		Zambian company Universal Mining & Chemical Industries (UMCI) has now completed installing power at the steel plant and has started testing equipment in readiness for the commencement of operations soon. The project is to be implemented in phases starting first with a scrap based meltshop with a rod and bar mill. The initial plant capacity will be 100,000 tonnes/year. In the second phase, a direct reduction plant is to be added to produce DRI to supplement the supply of scrap. Iron ore will be sourced from the nearby Sanje Hill hematite deposit. This will allow the capacity of the steel plant to be increased to 200,000 t/y. Most of the plant equipment will be supplied by an Indian affiliate of the Italian plantmaker Danieli at a cost of some USD 120 million.	NET 16-Oct-08 SBB 22-Aug-07
	(100)	EF		DR			
		STR	(100)	EF			
				STR			

ASIA

Unit : thousand tonnes per year

Economy	Nominal capacity							Crude steel production	Apparent consumption
	Exist	Increase to 2012			Capacity in 2012				
	2009	Firm	Possible	Unlikely	Mean	Low	High	2009	2008
CHINA	725 000	64 875	50 250	25 500	815 000	789 875	840 125	567 842	452 850
OTHER ASIA	145 687	51 585	11 758	256 630	203 151	197 272	209 030	95 066	135 522
CHINESE TAIPEI	22 751	6 250	0	8 100	29 001	29 001	29 001	15 850	20 090
INDIA	72 763	37 335	8 258	189 650	114 227	110 098	118 356	60 213	53 630
INDONESIA	7 961	700	1 000	3 550	9 161	8 661	9 661	3 500	12 056
MALAYSIA	10 020	1 150	0	4 800	11 170	11 170	11 170	6 000	9 485
PAKISTAN	3 870	1 000	0	2 780	4 870	4 870	4 870	800	2 305
PHILIPPINES	1 912	300	0	3 600	2 212	2 212	2 212	700	4 441
THAILAND	8 634	700	0	12 350	9 334	9 334	9 334	5 000	16 265
VIETNAM	4 410	3 600	2 500	28 300	9 260	8 010	10 510	2 000	8 560
OTHERS	13 366	550	0	3 500	13 916	13 916	13 916	1 003	8 690
TOTAL	**870 687**	**116 460**	**62 008**	**282 130**	**1 018 151**	**987 147**	**1 049 155**	**662 908**	**588 372**

Note : Apparent consumption is in terms of crude steel.

Source : Capacity − OECD secretariat. Production and apparent consumption − worldsteel.

Country: **CHINA**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Anhui Jinguang Steel Works					S		
Bengbu, Anhui province	40						
	(40)	EF					
	(200)	STR					
ANSC-TKS Galvanizing Co Ltd (Tagal)							
Dalian				(Possible)	2011	ThyssenKrupp Steel is planning to add a 250,000 tpy electrolytic galvanized line at its Tagal works in northern China by 2011. Tagal, ANSC-TKS Galvanizing Co, is a 50:50 joint venture between ThyssenKrupp and Anshan Iron & Steel.	MB 14-May-08
	(850)	HGL x 2	(250)	EGL			
Anshan & Lingyuan HR project JV					S		
Chaoyang, Liaoning			2050	(Firm)	2010	Anshan Iron & Steel Group and Lingyuan Iron & Steel Group expect to commission their 2 million tpy hot rolling project at Chaoyang city in Liaoning province in 2010. The Chaoyang project will have a crude steel capacity of 2.05 million tpy and a 2 million tpy hot rolling mill. The joint venture will invest a total of USD 822 million (RMB 6.3 billion). Anshan Steel holds 75 percent ownership while Lingyuan Steel owns the remaining 25 percent. To win government approval for the project, Lingyuan Steel agreed to phase out all 2.2 million tpy of its iron and steelmaking capacities after the new project comes on stream, National Development and Reform Commission (NDRC) said.	NET MB 29-Mar-07 MB 21-May-07
			(2000)	BF			
			(2050)	LD			
			(2050)	CC (slab)			
			(2000)	Hot			

Country: **CHINA (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Anshan Iron & Steel Group Co (Anben Steel Group)					S		
Angang Cold Rolled Steel Sheets (Putian) Co Ltd				(Firm)	2011	Anshan Iron & Steel (Angang) is planning to commission a new 1m tonnes/year cold strip mill and two hot-dip galvanizing lines early 2011 in southern China's Fujian province. This new cold strip mill, with a width of 1,450mm, will be first commissioned in March 2011, while the two HDG lines, with a combined capacity of 400,000 t/y, will be commissioned later in May.	SBB 03-Jun-10
			(1000)	Cold			
			(400)	HGL x 2			
Anshan city, Liaoning province	16000					Liaoning province's Anshan Iron & Steel Group (Angang Group) is planning to expand its crude steel capacity to 60m t/y in 2015, and thus become one of the world's top five steel mills. SBB notes that Angang Group currently has 25m t/y of crude steel capacity, and after it finishes taking over 8m t/y Panzhihua Iron & Steel in late 2010 or early 2011 the group's capacity will reach 33m t/y. Meanwhile, an insider tells SBB that the target of 60m t/y of crude steel capacity also includes the capacity of Benxi Iron & Steel (Bengang). Angang and Bengang began their merger process in 2005, but have made no substantial achievements since then, and so far they have only combined their finances and production.	SBB 26-May-10 SBB 28-Jun-10
	(16000)	BF x 8					
	(16000)	LD x 12					
	(2000)	Plate x 2					
	(1000)	STR					
	(760)	SMLS x 4					
	(11370)	Hot x 3					
	(6000)	Cold x 4					
	(16000)	CC x 12					
	(950)	WR					
Bayuquan steel complex in Yingkou	5000					Anshan Iron & Steel (Angang) commissioned the No.2 blast furnace at its Bayuquan steel complex in Yingkou City, Liaoning province, on 26 April 2009. With an inner volume of 4,038 cubic metres, the new furnace will boost iron making capacity at Bayuquan to 5m t/y from the current 2.5m t/y. Construction on the second furnace finished in December 2008 but commissioning was postponed because of weak market conditions.	SBB 03-May-09 HP 11-Sep-08
	(4930)	BF x 2					
	(5000)	LD x 3					
	(5000)	CC (slab) x 2					
	(2000)	Plate					
	(2960)	Hot					

Country: **CHINA (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Anyang Iron & Steel Group Co Ltd					S		
Anyang City, Henan province	10000			(Possible)	2011	Anyang Iron & Steel, located in central China's Henan province, will speed up the construction of its first cold strip mill this year by linking up with CISDI Engineering Co., a core subsidiary of China Metallurgical Group. According to Anyang's 2009 annual report, Anyang will take a 65% share of the cold rolling project by paying RMB 650m (USD 96m), while CISDI Engineering will pay RMB 350m (USD 51m) for the remaining 35% stake. The construction of the cold strip mill was first launched in late 2007, but was later suspended due to a lack of financial support. However, with the financial assistance from CISDI, the cold strip mill's construction should be restarted in 2010, and is expected to be completed by late 2011. The cold strip mill will have a capacity of 1.5m tonnes/year and a width of 1,750mm. The substrate will be sourced from Anyang's 1,780mm hot strip mill, which was commissioned in 2007. Due to the weak market in 2009, the hot strip mill failed to reach its full capacity of 3.5m t/y, and produced only 1.22m t of hot rolled coil.	SBB 09-Apr-10
	(7000)	BF x 9	(1500)	Cold			
		LD x 4					
		EF					
		CC (billet) x 6					
		CC (slab) x 4					
	(2800)	Plate x 2					
	(2350)	STR					
	(800)	WR					
	(3500)	Hot x 3					

Country: **CHINA (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Anyang Xinpu Iron & Steel					P		
Anyang, Henan	900		900	(Possible)	2010	Anyang Xinpu Iron & Steel, a privately owned steel mill in Anyang city in central China's Henan province, is expected to start operating its first rolling mill - a wire rod mill - from the end of June 2010. The new line is designed with a capacity of about 600,000 tonnes/year. Until now, the steelmaker has lacked finished steel capacity so has produced billets and blooms fed by an 80-tonne converter. Crude steel output has averaged 900,000 t/y. These semis have been mainly sold to re-rollers for pipes and for construction steel in the same city. SBB learns a second 80-t converter is being built at Xinpu and could commence production by the end of 2010. A company source disclosed Xinpu might also add a new 150-t converter to further expand its crude capacity, but no timetable for the project is available yet.	SBB 17-Jun-10
		BF	(600)	WR			
	(900)	LD	(900)	LD			
Anyang Yongxing Iron & Steel Co Ltd (Jiangsu Shagang Group)							
Anyang city, Henan	1000		1500	(Firm)	2010	Shagang subsidiary Anyang Yongxing Iron & Steel, in central China's Henan province, made its first foray into steel rolling by beginning hot-testing on its 800,000 tonnes/year bar mill. In about one month's time, a second bar mill will come on-stream, with a capacity of 1.2m t/y. The mill's feeding facilities have also been inaugurated, including a 120 t converter and an 8-strand billet caster. These could boost the company's crude capacity to about 2.5m t/y from its current 1m t/y. After Yongxing merged with Shagang in late 2007, the company's 1.5m t/y 3,500mm plate mill -- which was once suspended because of financial problems -- was eventually relocated to Shagang's main works in eastern China's Jiangsu province. Yongxing then switched to longs production.	SBB 01-Apr-10
		BF x 2		BF			
		LD x 2		LD			
		CC (billet) x 2		CC (billet)			
			(2000)	STR			

Country: **CHINA (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Baogang Wanteng Iron & Steel (Baotou I&S & Huanghe Gongmao Group JV)					S/P		
Wuhai city, Inner Mongolia autonomous region			2000	(Firm) BF LD WR	2010-2011	China's Baotou Iron & Steel and pig iron producer Huanghe Gongmao Group have formed a joint venture to build a 2m tonnes/year integrated mill for producing wire rods, bars and hot rolled strips at Wuhai city in the northern Inner Mongolia autonomous region. The 51:49 joint venture, known as Baogang Wanteng Iron & Steel, was established on 15 September 2009. It follows the cooperation pact both companies signed in February to upgrade Huanghe's pig iron plant in Wuhai city, 400kms from Baotou city where Baotou Steel is located.	HP NET SBB 18-Sep-09
Baoshan Iron & Steel Co Ltd (Baosteel Group)					S		
Baosteel Branch, Shanghai	16000 (14620) (15000) (1000) (1800) (11900) (7000) (1100) (600) (1000) (900) (540) (500) (800) (300) (500)	 BF x 4 LD x 6 EF CC (billet) CC (slab) Plate Hot x 3 Cold x 5 Silicon x 4 Tin plate x 2 HGL x 3 EGL x 3 Ptg x 3 WR SMLS ERW SAW		(Firm) (100) Silicon	2012	Baosteel Group is targeting capacity of 50 million metric tons by 2012, and 66 million tons by 2015, the Shanghai-based steelmaker said in a statement on its website in June 2010. The company in September 2007 had said it wanted to boost capacity to 80 million tons by 2012. Baosteel, which made 38.9 million tons of crude steel in 2009, will expand capacity partly through mergers and acquisitions, and will focus on improving product and cost competitiveness. For its overseas strategy, the steelmaker plans to focus on raw materials, improve sales and services, as well as building steel plants. Meanwhile, Baosteel is planning to build up its second grain-oriented silicon electrical steel mill with a capacity of 100,000 tonnes/year. This new GO silicon steel mill is expected to be commissioned in 2012. After the No.2 GO silicon steel mill is commissioned, Baosteel will have 200,000 t/y of GO silicon production capacity.	BB 28-Jun-10 SBB 06-Apr-10

Country: **CHINA (6)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Medium and Heavy Plate Branch (Shanghai Pudong Iron & Steel)	1500 (1500) (1500) (1600)	 Corex LD CC (slab) Plate	1500 (1500) (1500) (1400)	(Firm) Corex LD CC (slab) Plate	2010	Shanghai Pudong Iron & Steel, a subsidiary of Shanghai-based Baosteel, will commission its second Corex iron making unit in Shanghai's Luojin port area in November 2010. The new Corex unit will have a capacity of 1.5m tonnes/year of hot metal. After the second Corex plant is commissioned, Pudong Steel will bring on-stream a 150-t converter, a slab caster and 1.4m t/y plate mill in tandem. Currently, Pudong Steel is running its No.1 C3000 Corex unit, one 150-t converter, a matching slab caster and a 1.6m t/y 4,200mm plate mill.	SBB 15-Mar-10 SBB 30-Sep-09
Special Steel Branch, Shanghai (Shanghai No.5 Iron & Steel)	1000 (special steel) (1000) (1000)	 EF CC (billet) CC (slab) BTM STR WR Hot Cold	230 (special steel) (230) (360) (23)	(Possible) EF Hot SMLS	2010(Hot, SMLS)-2012	Baoshan Iron & Steel plans to boost capacity at its special steel branch by over 50 percent to 1.5 million tpy by 2012. The Chinese steelmaker said it will invest RMB 8.8 billion (USD 1.2 billion) in new projects and renovation of existing equipment starting this year in order to reach the capacity target. By 2012, capacity at our rolling mills will be raised from the existing level of over 1 million tpy to 1.5 million tpy, and meltshop capacity will reach around 1.23 million tpy from current 1 million tpy," said a company official.	MB 17-Jul-07 MB 16-Jan-08 HP

Country: **CHINA (7)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Stainless Steel Branch, Shanghai (Shanghai No.1 Iron & Steel)	3400	(stainless steel) (2600) BF x 2 LD EF CC (billet) CC (slab) (3100) Hot x 2 (700) Plate (700) STR	(1680) Cold (360) HGL	(Firm)	2010	Baosteel Stainless, China's second largest stainless steel producer, plans to commission a 360,000 tpy carbon steel hot-dipped galvanizing line in the first quarter of 2010.The proposed facilities will produce hot-dipped galvanized steel for auto and appliance industries. Baosteel Stainless also plans to launch trial production at a 1.68 million tpy cold rolling mill in February 2010. It expects to produce 1.45 million tpy of carbon steel cold rolled coil and more than 210,000 tpy of stainless steel cold rolled coil. Part of that carbon output will be used to feed the galvanizing line. Baosteel Stainless currently has 1.5 million tpy of hot rolled stainless steel capacity, and 2 million tpy of carbon hot rolled capacity.	MB 14-Oct-08
Baosteel Group Xinjiang Bayi Iron & Steel Co Ltd					S		
Urumqi, Xingjiang autonomous region	8000	(6000) BF (6500) LD (1500) EF CC (billet) CC (slab) (2000) STR (1750) WR (650) Plate (3000) Hot (600) Cold (150) HGL (100) Ptg (400) Rolling (100) SAW	2000 (2000) Steelmkg (600) STR (50) SAW	(Firm)	2010(STR, SAW), 2012	China's Xinjiang Bayi Steel, part of Baosteel Group, is the major steel producer in the Xinjiang Autonomous Region in the northwest of China, and in 2009 commissioned a 2,500 cu metre blast furnace which will raise pig iron capacity to 6 million tpy. Bayi Steel has a market share of up to 70% in Xinjiang, and mainly produces long products. It has a longer-term goal of becoming a 10 million tpy capacity steelmaker by 2012 and started construction of No.3 2,500 cu metre blast furnace in February 2010. Currently Bayi has 8 million tpy of crude steel capacity. Bayi Steel commissioned a 600,000 t/y new wire rod mill and a 650,000 t/y plate mill in 2009. Furthermore, the company launched hot testing on a 600,000 t/y new bar mill in March 2010.	MB 24-Mar-09 SBB 26-Mar-10 SBB 21-Jan-10 SBB 30-Dec-09 SBB 03-Mar-09 HP 26-Feb-10

Country: **CHINA (8)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Baosteel-NSC/Arcelor Automotive Sheets Co Ltd							
Shanghai				(Firm)	2010	Baosteel-NSC/Arcelor Automotive Steel Sheets (BNA) has started operating its third hot-dip galvanizing line ahead of schedule to take advantage of Chinese demand. The new line will take the company's total installed capacity to 1.25m tonnes/year, Nippon Steel announced on 9 February 2010. Shanghai-based BNA, held 50% by Baosteel, 38% by Nippon Steel and 12% by ArcelorMittal, has 1.76m t/y of cold rolling capacity. It also has respective capacities of 450,000 t/y and 350,000 t/y for its No.1 and No.2 continuous galvanizing lines (CGL), supplying high quality auto sheet. The new No.3 CGL is similar to No.1 with a capacity of 450,000 t/y, producing sheet of 1,700mm wide and 0.5-3mm thick.	SBB 11-Feb-10 HP
	(1760)	Cold	(450)	HGL			
	(800)	HGL x 2					
Baotou Iron & Steel Co					S		
Baotou City, Inner Mongolia province	10100			(Possible)	2011	Major Chinese seamless pipe maker, Baotou Iron & Steel (Baotou), has started building a new 159mm seamless pipe mill in northern China's Inner Mongolia autonomous region. A ground breaking ceremony was held on 17 March 2010 in Baotou city. The mill has a designed capacity of 400,000 tonnes/year of high-end small-sized seamless pipes. The mill is scheduled to begin hot testing in July 2011. Baotou is currently operating three pipe rolling mills, including one 400mm, one 180mm and one 120mm, which was commissioned in late 2008. These mills have a total capacity of about 900,000 t/y.	SBB 22-Mar-10
	(9550)	BF x 6	(400)	SMLS			
	(10100)	LD					
		CC (billet)					
	(2000)	STR x 3					
	(2700)	Hot x 2					
	(650)	WR					
	(900)	SMLS x 3					
		CC (tsc)					
	(1400)	Cold					
	(400)	HGL					

Country: **CHINA (9)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Baotou Steel - General Steel Special Steel Pipe Joint Venture Co Ltd (General Steel Holdings owns 80%)							
Baotou				(Unlikely)	2009	A pipe joint venture between Baotou Steel and General Steel Holdings Inc (GSHI) has started its first stage of production by commissioning a welded pipe mill with an initial capacity of 100,000 tonnes/year in Baotou City, Inner Mongolia. The JV is expected to achieve a capacity of 600,000 t/y by 2009, and will diversify into special seamless pipe as it expands. The mill currently makes double spiral welded pipe of 219-1,420mm diameter in thicknesses of 6-13mm. GSHI, which claims to be China's first US-listed steel company, has a majority 51% stake in the joint venture through its wholly-owned Tianjin-based subsidiary, Tianjin Daqiuzhuang Metal Sheet Co (DQ). DQ is a reroller of HRC and silicon sheet, with a capacity of over 400,000 t/y. In May 2007 GSHI also tied up with Longmen Steel, Shaanxi's largest steel mill, to set up a steel JV focusing on long products. This will have an initial capacity of about 3m t/y, drawing on Longmen's iron and steelmaking facilities.	SBB 01-Aug-07 MB 04-May-07 HP
	(100)	SAW	(500)	SAW			

Country: **CHINA (10)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Beijing Shougang Co Ltd (Shougang Group)					S		
Shijingshan, Beijing	4000					Shougang has already shut 4m t/y of crude steel capacity at its Beijing works, and will close the remaining 4m t/y completely by 2010 when it moves to Caofeidian Island in Hebei where it is building a new integrated works in a 51-49% venture with Tangshan Steel Group. This new complex, known as Shougang Jingtang Iron & Steel, will have a crude steel capacity of 9.7m t/y.	SBB 10-Jul-08
	(4000)	BF x 2					
	(4000)	LD x 3					
		CC					
		BLM					
		STR					
		WR					
		ERW					
		Hot					
		Cold					
		CC (billet)					
Shunyi, Beijing							
	(1500)	Cold					
	(700)	HGL x 2					

Country: **CHINA (11)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Beitai Iron & Steel (Group) Co Ltd (Beigang)					S		
Beiying Iron & Steel, Benxi, Liaoning	9000					The Liaoning provincial government announced on 8 June 2010 that the merger of Benxi Iron & Steel (Bengang) and Beitai Iron & Steel has officially begun. The provincial government also announced that the new entity will be named Benxi Iron & Steel Group, and will unify the management on the two companies' capital, purchase, sales, investment, research and human resources. Insiders say if everything goes smoothly, the merger could be completed by the end of this year or early next year. Meanwhile, Anshan Iron & Steel is also in the process of taking over Panzhihua Iron & Steel (Pangang). And the new Anshan Benxi Group after incorporating Beitai I&S and Pangang, will have a total crude steel capacity of 55m t/y, which will make the group the largest steel company in China.	SBB 10-Jun-10
	(8500)	BF x 13					
	(3500)	WR x 4					
	(1500)	STR x 2					
	(9000)	LD x 7					
	(5000)	Hot x 2					
		CC (slab) x 4					
		CC (billet) x 4					
		CC (bloom)					
Benxi Iron & Steel Co. (Anben Steel Group)					S		
Benxi city, Liaoning province	11800		(2800)	(Unlikely)	2012	Anshan Iron & Steel and Benxi Iron & Steel began their merger process in 2005, but have made no substantial achievements since then, and so far they have only combined their finances and production. Meanwhile, the Liaoning provincial government announced in June 2010 that the merger of Benxi Iron & Steel and Beitai Iron & Steel has officially begun. Benxi Steel also aims to increase crude steelmaking capacity to 14.6 million tpy by 2012.	HP SBB 28-Jun-10 SBB 10-Jun-10
		(special steel)		(special steel)			
	(10000)	BF	(2800)	Steelmkg			
	(10800)	LD					
	(1000)	EF					
		CC (slab)					
		BLM					
	(11000)	Hot					
	(1300)	Cold					
	(800)	HGL					
		LF					
		WR					
		STR					

Country: **CHINA (12)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
BX Steel POSCO Cold Rolled Sheet Co Ltd							
	(1900)	Cold					
	(800)	HGL					
Stainless Steel Cold Rolling Dandong Co				(Firm)	2011(1st phase)	Benxi Steel Plates Co (BSP), the Shenzhen-listed arm of China's Benxi Iron & Steel, has established a subsidiary to manage its 190,000 tonnes/year stainless cold rolling mill project. Located in Dandong city in northeast Liaoning province, Stainless Steel Cold Rolling Dandong Co, will require a total investment of RMB 2.39bn (USD 350m). The project will produce 300- and 400-series stainless CR products of 0.2-3mm thick and 970-1,320mm wide. Ground was broken on the project in July 2009 and its first coil should be produced in April 2011. The project is expected to reach 70% of its capacity in its first year of operation, before reaching 85% in the second year and finally 100% in the third year. Local media reported in July that the first phase of the project involves 100,000 t/y and will begin production in 2011.	SBB 30-Sep-09
				(stainless steel)			
			(100)	Cold (stn)			
BlueScope Steel China					P		
Suzhou							MB 18-Oct-06
	(250)	HGL					
	(150)	Ptg					
Bohai NKK Drillpipe Co Ltd					S/P		
Gangzhou							
	(16)	SMLS					

Country: **CHINA (13)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Changchun Cold Rolled Steel Co Ltd							
Changchun, Jilin province							
		ERW					
	(100)	STR					
	(300)	CC					
	(300)	Hot					
Changchun Iron & Steel Co					S		
Changchun city, Jilin province	200					The Changchun city government in northeast China's Jilin province has decided to close Changchun Iron & Steel by July 1st 2005 and to move the steel plant out of the city for environmental protection. Changchun Iron & Steel, a small-scale city-owned construction steel maker co-run by Fujian Changle Iron & Steel, operates three 20-tonne electric arc furnaces. The new plant location is Mishazi Township, Dehui city, within 100km from the current plant site and the relocation is expected to take two years. Outdated facilities will not be allowed to be relocated to the new site, while the plant's capacity will be expanded after the relocation. Some Chinese media suggested it will be expanded to 500,000 tpy.	
	(200)	EF x 3					
	(200)	BTM					
	(200)	STR					
Changzhou Wujin NatSteel					P		
Wujin, Jiangsu	270						
	(270)	EF x 2					
	(270)	CC (billet)					
	(270)	WR					
		LF					

Country: **CHINA (14)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Changzhou Zhongtian Iron & Steel Co Ltd (Zenith Steel)					P		
Changzhou, Jiangsu province	5500		4500	(Possible)	-2011	Changzhou Zhongtian Iron & Steel has placed orders with Austrian equipment supplier Siemens VAI to supply two sets of rod outlets, according to a Siemens release. Each line can produce at 150 tonnes/hour, which is equivalent to an annual capacity of over 1m tonnes. The first line will be delivered around the middle of 2010 and the second in the third quarter of 2010. In August 2009, Zhongtian started building a new steelworks close to the mill's current base, which will double its capacity to 10m t/y by 2011. SBB believes that these two rod lines are the major parts of the first phase of construction with approximately 2m t/y capacity, similar to the combined capacity of the new wire rod lines. The whole expansion project is estimated to cost about RMB 12bn (USD 1.8bn).	SBB 04-Nov-09
		(special steel)					
		EF	(4500)	Steelmkg			
		CC (billet)	(2000)	WR x 2			
	(800)	WR	(1800)	Plate			
	(1900)	STR x 2					
	(4000)	BF x 5					
		LD					
	(600)	Hot					
Chengde Iron & Steel Group Co Ltd (Hebei Steel Group)					S		
Chengde, Hebei province	8000					Chengde Iron & Steel (Chenggang), a subsidiary of Hebei Iron & Steel Group, says it will shut four smaller blast furnaces by 2010. Located in Chengde city in northern China's Hebei province, Chenggang says it will invest RMB 3.6bn (USD 527m) to upgrade its production facilities in 2009 and 2010. The upgrades include the closure of its four BFs with inner volumes below 450 cubic metres. Once these are scrapped all Chenggang BFs will be above 1,000 cu m and its converters above 100t. Chenggang currently operates two 2,500 cu m BFs that were commissioned in 2006 and 2008 respectively. In August 2009, it commissioned a new 2,500 cu m BF that supported its 3m tonnes/year expansion project and boosted Chenggang's steel capacity to 8m t/y.	SBB 22-Sep-09
		BF					
	(8000)	LD					
		CC x 4					
	(4000)	Hot x 2					
	(2400)	STR					
		ERW					
	(1000)	WR					

Country: **CHINA (15)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Chengdu Iron & Steel Co Ltd (Panzhihua Iron & Steel Group)					S		
Sichuan province	2000						SBB 02-Nov-09
	(1500)	BF					
	(1500)	LD					
	(500)	EF					
		CC					
	(1000)	SMLS					
	(500)	WR					
		STR					
	(450)	HGL					
	(100)	Ptg					
China Steel's CR plant project							
				(Unlikely)		According to the news source, Chinese Taipei's China Steel Corp. is aiming to build a new 120,000 tpy cold rolling mill for electrical steel sheet in mainland China.	CMN
			(120)	Cold			
Chinese Taipei's Formosa Plastics Group galvanising project (Hua Ye Steel Company)					P		
Ningbo				(Unlikely)	2006	A plan promoted by Chinese Taipei's Formosa Plastics Group for a 400,000 tpy-capacity galvanizing and colour-coating facility in China has been given the nod by the Chinese central government. A new company named Hua Ye Steel Company will be set and run the galvanizing and colour-coating plant in Ningbo. The plant will have 250,000 tpy of hot dipped galvanizing capacity and 150,000 tpy of colour coating capacity and the initial investment is envisaged to be USD 18 million.	
			(250)	HGL			
			(150)	Ptg			

Country: **CHINA (16)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Chongqing Donghua Special Steel Co Ltd (formerly Chongqing Special Steel (Group) Co Ltd)					S		
Shuangbei, Chongqing province	360						
		BF x 2					
	(360)	EF x 10					
		BLM x 3					
		STR x 3					
		Plate x 2					
		Hot					
		Cold					
	(180)	CC (billet)					
Chongqing Iron & Steel (Group) Ltd (Chonggang)					S		
Chongqing	3500		3000	(Firm)	2010	Chongqing Iron & Steel (Chonggang) will commission its 3m tonnes/year hot strip mill in Chongqing's Changshou Chemical Zone by the end of June 2010, and thus the company will have a total steelmaking capacity of 6.5m t/y. Chonggang has recently put its second plate mill into full operation. This new 1.5m tonnes/year plate mill was commissioned in late September 2009. Currently the company is relocating from city area of Dadukou in order to improve the city's physical environment.	SBB 20-May-10 SBB 01-Apr-10
	(3000)	BF		BF			
	(3500)	LD		LD			
	(2500)	Plate x 2	(3000)	Hot			
	(650)	STR					
		CC					
	(200)	BLM					
	(250)	HGL					
	(400)	Cold					
	(30)	SMLS					
		Silicon					
Dalian Posco-CFM Coated Steel Co Ltd					S/P		
Dalian							
	(150)	Ptg					
	(150)	HGL					

Country: **CHINA (17)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Datong Coal Mine Group							
Datong, Shanxi	1200					Shanxi based Datong Coal Mine Group was announced that it has signed steel strategic cooperation intent agreement with Datong government and Fosun Group, indicating that Fosun took part in Shanxi province steel restructurings and the private owned steel enterprises would become the major roles in the tide of regroupings. According to the agreement, the three sides would jointly start restructurings for the company, and provide relative coal and iron ore resources for the development of steel industry. Fosun Group owns 60% of Nanjing Iron & Steel United Co Ltd and 26.7% of Jianlong Group.	GURU 23-Jun-10 HP NET
	(1000)	BF					
	(1200)	LD					
	(1200)	CC (billet)					
Dazhou Iron & Steel Group Co Ltd							
Dazhou city, Sichuan province	2800		700	(Firm)	2010	Dazhou Iron & Steel Group, a major rebar and wire rod maker in southwestern China's Sichuan province, started operating a new bar mill in late May 2010, with a capacity of 1.1m tonnes/year. A new 120-tonne converter to feed the bar mill was put into service in late April, and the commissioning of these new facilities have boosted the company's crude steel and finished steel capacities to about 3.5m t/y each.	SBB 18-Jun-10
	(2000)	BF x 3		BF			
	(2800)	LD x 3		LD			
		STR		STR			
		WR					
		CC (billet)					
Delong Iron & Steel Co Ltd (Delong Holdings Limited)					P		
Xingtai city, Hebei province	3000			(Unlikely)			
	(3000)	BF x 3	(500)	Cold			
	(3000)	LD x 2					
		CC					
	(3000)	Hot x 2					

Country: **CHINA (18)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Dongbei Special Steel Group Co Ltd					S		
Beiman Special Steel Co Ltd (Qiqihar, Heilongjiang)	900 (special steel) (900)	EF, LF, BLM, STR, CC, SMLS				Dongbei Special Steel Group is China's largest special steels company formed in 2004 by the merger of three special steel plants, Beiman Special Steel, Dalian Steel and Fushun Special Steel in northeast China.	
Dalian Jinniu Co Ltd (Dalian, Liaoning province)	580 (special steel) (580)	EF, WR, STR	620 (Firm) (special steel) (620) (300)	EF, STR, WR	2009-2010	North-eastern China's Dalian Jinniu, a subsidiary of Dongbei Special Steel Group, plans to inaugurate its first rolling mill to make wire rod by September 2009 at a new manufacturing base in Dalian City, Liaoning province. The new mill will produce spring and stainless wire rods, with a capacity of 300,000 tonnes/year. An electric arc furnace to feed the rod mill could be put into operation by end-July. Jinniu started to build the new base in March 2007; its other products will include special bars and forgings. When fully completed in 2010, the works will produce 1.2m t/y of crude steel and 1.1m t/y of finished steel. Once the new facilities have been commissioned, Jinniu will relocate from its current base in Dalian's Ganjingzi district. The existing operation has a capacity of 500,000 t/y of stainless, bearing and spring steel long products.	SBB 01-Jun-09
Fushun Special Steel Co Ltd (Fushun , Liaoning province)	850 (special steel) (850)	EF, CC (billet), BLM, STR, SMLS					

Country: **CHINA (19)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Echeng Iron & Steel Co Ltd (Wuhan Iron & Steel Group)							
Hubei province	3000		1700	(Firm)	2009-2010	Echeng Iron & Steel, based in China's Hebei province, became part of Wuhan Iron & Steel in January 2005. Echeng is targeting 4.4 million tpy of pig iron, 4.7 million tpy of crude steel and 5 million tpy of finished steel capacity by 2010.	NET
		(special steel)					
	(2500)	BF x 4	(1900)	BF			
	(2500)	LD x 3	(1700)	LD			
	(500)	EF					
		CC (billet)					
	(500)	CC (bloom)					
	(1220)	STR x 6					
	(450)	WR x 2					
	(1200)	Plate					
	(500)	Hot					
	(600)	Cold					
	(250)	HGL					
	(100)	ERW					
Fangda Special Steel Technology (formerly Nanchang Changli Iron & Steel)							
Jiangxi province	3000			(Firm)	2010	Fangda Special Steel Technology (previously known as Nanchang Changli Iron & Steel) started to build a new 600,000 tonnes/year mill for spring steel flats and round bars. The company, from eastern China's Jiangxi province, expects to put the new mill into operation by end of October 2010. Fangda Special Steel was renamed following Liaoning Fangda Group's acquisition of about 58% of its direct holding company, Nanchang Iron & Steel.	SBB 22-Jan-10 SBB 12-Oct-09
	(2500)	BF x 4	(600)	STR			
		LD					
		EF					
		CC					
		BTM					
		STR					
		Hot					
		Cold					

Country: **CHINA (20)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Fujian Fuxin Special Steel Co							
Zhangzhou, Fujian			720	(Possible) (stainless)	2010	Taipei's Formosa Plastics Group has received approval from the Taipei's Government for its stainless project with Fujian Sangang Group Co in China's southeastern Fujian province, said a Formosa Plastics spokesman. The 720,000 tpy project is a 50:50 joint venture with Sangang. The approval paves the way for the petrochemical giant's first foray into the steel industry. Formosa Plastics has remained low key with the project while awaiting approval from Taipei's authorities despite construction having reportedly started in Zhangzhou.	NET MB 18-Feb-08
			(720)	Steelmkg Hot			
Fujian Kaijing Steel Development Co					P		
Longhai City, Fujian province							HP NET
	(500)	Cold					
	(450)	HGL x 2					
	(150)	Ptg					
Fujian Maweizhong Steelworks							
	300						
	(300)	EF					

Country: **CHINA (21)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Fujian Sansteel (Group) Co Ltd					S		
Sansteel MinGuang Co Ltd	4000			(Possible)	2010	Sansteel MinGuang plans to expand the plate mill's capacity to 1.2m t/y by adding another roughing stand. Construction for this project is expected to begin in 2009 and finish by early 2010.	SBB 25-Jan-08
	(3650)	BF x 5	(400)	Plate			
	(4000)	LD x 5					
		CC (billet) x 4					
		CC (slab)					
	(800)	Plate					
	(1000)	STR					
	(1100)	WR x 2					
Fujian Sino-Japan Metal Corp					P		
Fuzhou, Fujian							
	(150)	Tin Plate					

Country: **CHINA (22)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Guangdong Steel (Baosteel owns 80% shares)					S		
Zhanjiang greenfield steel project			5000	(Possible)	2011-2012 (1st)	South China's Guangdong province announced on 10 May 2010 its replacement closure plan for the construction of Baosteel's new greenfield Zhanjiang integrated steelworks project which will begin construction soon. The province says it will shut down another 5m t/y of old steelmaking capacity in three years, including all 3.5m t/y of the existing plants of Guangzhou Iron & Steel, and another 1.5m t/y steel capacity from Shaoguan Iron & Steel. Baosteel will soon start phase one of its Zhanjiang project, which will give Baosteel another 5m t/y of crude steel capacity. Phase one of the project should be finished in late 2011 or early 2012. The Zhanjiang project is planned to be finished in 2015 with a final crude steel capacity of 20m t/y. In 2008, it was announced that Baosteel Group, Guangdong province's State-owned Assets Supervision and Administration Commission (Sasac), and Guangzhou City's Sasac have drawn up a plan to co-invest in a new entity to be called Guangdong Iron & Steel Group. According to the plan, the new group will be registered in Guangzhou. Baosteel will take an 80% stake in the new group. For the remainder, Guangdong Sasac and Guangzhou Sasac will introduce Shaoguan Iron & Steel Group and Guangzhou Iron & Steel Group into the new entity to secure them the remaining 20%.	SBB 29-Jun-10 SBB 13-May-10 SBB 28-Apr-10 SBB 24-Jun-08
			(5000)	Steelmkg			

Country: **CHINA (23)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Guangxi Iron & Steel Group (Wuhan I&S Group owns 80% shares)					S		
Fangchenggang project			9180	(Possible)	2011-2013 (1st)	Wuhan Iron & Steel (Wugang) plans to expand its crude steel capacity to 60m tonnes/year by the end of 2015 from around 40m t/y currently. The central Chinese steel producer outlined its output target in its 2011-2015 development plan which it recently presented to the central government, according to local media. The extra 20m t/y will mainly be produced at Wugang's Fangchenggang steelworks, indicating that this project will likely commission before the end of 2015. Approval from Beijing to begin work at Fangchenggang has not yet been received because of the government's concern about overcapacity in China's steel industry. Guangxi Iron & Steel Group, the vehicle facilitating the integration of central China's Wuhan Iron & Steel and Liuzhou Iron & Steel (Liugang) in southern China's Guangxi province, was formally registered in 2008. The Shanghai-listed Liugang said Liuzhou Iron & Steel Group – its mother company – was transferred from Guangxi provincial State-owned Assets Supervision and Administration Commission (SASAC) to the newly registered group. The disclosure was significant because it means one more hurdle was crossed towards the establishment of the 10m t/y (first phase) steelworks at Fangchenggang that will give Wuhan Steel its first production base in southern China. Its preparation work has already started. According to Liugang's announcement, the registered capital of Guangxi Iron & Steel Group is RMB 46.837bn. Wuhan Steel paid RMB 37.47bn for 80% of the group's share. The Guangxi provincial SASAC introduced Liugang into the new entity to secure the remaining 20%.	SBB 02-Jun-10 SBB 31-Dec-08 SBB 25-Nov-08 MB 19-Jan-09
			(8540)	BF x 2			
			(9180)	LD x 4			
			(9180)	CC (slab) x 4			
				Plate			
				Hot x 2			
				Cold x 3			

Country: **CHINA (24)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Guangzhou Iron & Steel Enterprises Group Co Ltd (Guangdong Iron & Steel Group)					S		
Guangzhou Iron & Steel	1400					South China's Guangdong province announced on 10 May 2010 its replacement closure plan for the construction of Baosteel's new greenfield Zhanjiang integrated steelworks project which will begin construction soon. The province says it will shut down another 5m t/y of old steelmaking capacity in three years, including all 3.5m t/y of the existing plants of Guangzhou Iron & Steel, and another 1.5m t/y steel capacity from Shaoguan Iron & Steel.	SBB 13-May-10
	(750)	BF					
	(400)	LD					
	(1000)	EF					
	(1000)	CC (billet)					
	(850)	STR					
	(20)	SMLS					
	(330)	WR					
Guangzhou Zhujiang Steel	2000						
	(2000)	EF x 2					
	(2000)	CC (tsc) x 2					
	(2000)	Hot x 2					
	(800)	Cold					
	(200)	HGL					
Guangzhou JFE Steel Sheet Company Ltd					S/P		
Nansha Development Zone				(Possible)	2011	Guangzhou JFE Steel Sheet, the 50:50 joint venture between Japan's JFE Steel and Guangzhou Iron & Steel, will start construction of its first cold strip mill on 1 April 2009. The new mill will have a capacity of 1.8m tonnes/year and is scheduled to be commissioned in May 2011. After commissioning, 410,000 t of its annual production will feed Guangzhou JFE's existing hot-dip galvanized (HDG) line, which was commissioned in April 2006. Around 350,000 t will feed the second HDG line and the remaining 1.05m t will be cold rolled coil (CRC) products. The second HDG line will be built at a later date and will also be commissioned in 2011	SBB 18-Mar-09 HP
	(400)	HGL	(1800)	Cold			
			(400)	HGL			

Country: **CHINA (25)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Guangzhou Lianzhong Stainless Steel Corp					P		
Guangzhou province	800					Guangzhou Lianzhong Stainless Steel Corp is a subsidiary of Chinese Taipei's Yieh United Steel Corp(Yusco).	
		(stainless)					
	(800)	EF					
	(800)	Hot					
	(500)	Cold (stn)					
Guangzhou Pacific Tinplate (Patin)							
	(120)	Tin Plate					
Guiyang Special Steel Co Ltd					S		
Guiyang city, Guizhou province	600						
		(special steel)					
	(600)	EF x 8					
		BLM					
		STR					
		SMLS					
	(200)	CC (billet) x 2					
Hainan Haiwoo Tinplate Industry Co.					P		
Hainan Island							
	(350)	Tin plate x 2					

Country: **CHINA (26)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Handan Iron & Steel (Hebei Iron & Steel Group)					S		
Hanbao Iron & Steel	5000			(Firm)	2010	Hebei Iron & Steel plans to raise up to RMB 16 billion (USD 2.3 billion) through a share issue to acquire Hanbao Steel. Hanbao Steel is 100% owned by Handan Iron and Steel, which in 2009 started integrating into Hebei Steel, China's biggest steelmaker. Hanbao Steel will put its 2,180mm cold strip mill and two hot-dipped galvanized lines on hot run trials within June 2010. Commercial production should be start in July or August. The new CR mill has a capacity of 2.15m tonnes/year and is capable of producing CRC up to 2,080mm wide. Meanwhile, downstream of the new CR mill is a new No.1 HDG line that has a capacity of 450,000 t/y and the No.2 HDG line with a capacity of 350,000 t/y. Hanbao Steel houses two 3,200 cubic metre blast furnaces, two 200-t converters and a 4.5m t/y hot strip mill.	MB 09-Jun-10 SBB 04-Jun-09
		BF x 2	(1700)	Cold			
	(5000)	LD x 2	(800)	HGL x 2			
		LF					
	(5000)	CC (slab) x 2					
	(4500)	Hot					

Country: **CHINA (27)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
	Hebei	4800						Hebei Steel comprises several steel companies including Tangshan Steel, Xuanhua Steel and Chengde Steel (components of the original Tangshan Steel Group), Handan Steel, Wuyang Steel, Hengshui Steel Sheet (under Handan Steel Group). Tangshan Iron & Steel Co will buy up the listed arms of Handan Iron & Steel and Chengde Iron & Steel Group, and the latter two units will be delisted. This move completes the consolidation of the three key steelmakers under the umbrella of the Hebei Steel Group. In response to a government clampdown on inefficient facilities, Handan Steel promised the Chinese government that it will eliminate 1.71m t/y of iron steel capacity and 2.14m t/y crude steel capacity by 2010, when it applied to build the new 5m t/y integrated flat mill. Hangang started closing down the blast furnaces on 11 May 2009. Three are 300 cubic metres in inner volume with the other 380 cu m. Meanwhile, Hangang continues to operate a 900 cu m blast furnace at its old complex which will be closed by 2010.	SBB 15-May-09 SBB 13-May-09
		(4000)	BF x 3						
		(3000)	LD x 3						
		(1800)	EF x 2						
			CC (billet)						
			CC (slab)						
		(2500)	CC (tsc) x 2						
		(2500)	Hot x 2						
		(800)	Plate						
		(1300)	Cold						
		(650)	HGL x 2						
		(120)	EGL						
		(120)	Ptg						
			STR						

Country: **CHINA (28)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Hengshui Strip Rolling Co Ltd				(Firm)	2010	Hengshui Strip Rolling Co (Hengshui), a Hebei Iron & Steel Group subsidiary located in northern China's Hengshui City in Hebei Province, has begun constructing a 200,000 tonnes/year tinning line that it plans to put into test production in October 2010. Together with a 50,000 t/y 1250mm precision cold rolled sheet mill, the new tinplate facility is the focal point of Hengshui's new 250,000 t/y cold rolled products project that is expected to cost RMB 1bn (USD 146m). Hengshui says a second phase expansion is planned but no details have been decided. Hengshui is presently operating a 150,000 t/y tinplate mill that it commissioned in 2008. An existing 230,000 t/y cold rolling mill at Hengshui is providing black plate feeds. As a re-roller, Hengshui has a steel processing capacity of 600,000 t/y.	SBB 22-Oct-09
	(400)	Hot	(50)	Cold			
	(230)	Cold	(200)	Tin plate			
	(150)	Tin plate					
Hangzhou Iron & Steel Group Co Ltd (Hanggang)					S		
Hangzhou City, Zhejiang	3000					Hangzhou Iron & Steel owns 43.8% of Ningbo Iron & Steel, a flat steel producer with a crude steel capacity of 4m tonnes/year.	
		(special steel)					
	(2800)	BF x 3					
	(2800)	LD x 4					
	(800)	EF					
		CC x 4					
	(800)	CC (billet)					
	(700)	Hot					
	(2230)	STR x 3					
	(700)	WR					

Country: **CHINA (29)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Hebei Jingye Group Co Ltd					P		
Hebei province	5500			(Firm)	2010	Hebei Jingye Group (Jingye), a privately-owned steel mill in northern China's Hebei province, is scheduled to start hot trials on its new rebar and wire rod mills on 8 February 2010. The capacities for the rebar and rod mills are around 1-1.2m tonnes/year and 600-800,000 t/y respectively. The projects were started in May 2009, with a total investment of about RMB 520m (USD 76m).	SBB 08-Feb-10 SBB 17-Apr-09
	(5300)	BF x 7	(1000)	STR			
	(5500)	LD x 5	(600)	WR			
		CC (slab)					
		CC (billet) x 3					
	(2000)	STR					
	(2000)	Plate					
Hebei Jinxi Iron and Steel (China Oriental Group)					P		
Qianxi county, Hebei province	4700					Hong Kong-listed China Oriental Group Company Limited said in its annual report the company plans to boost its crude steel capacity to more than 10m tonnes/year by end of this year through mergers and acquisitions. The company's steel capacity reached 7m t/y in 2009, mostly from its main operation in northern China's Hebei province, Jinxi Iron & Steel.	SBB 25-Mar-10
	(4700)	BF					
	(4700)	LD					
		CC					
	(1800)	Hot x 2					
	(2700)	STR x 2					
Hebei Luanhe Industrial Group Co Ltd					P		
Tangshan Hangu I&S	900						
	(850)	BF x 3					
	(900)	LD x 4					
	(900)	CC (billet) x 2					
	(600)	Plate					
Tangshan Hongda Hot Rolling	900						
	(850)	BF x 3					
	(900)	LD x 4					
	(900)	CC (billet) x 2					
	(600)	Hot x 2					
	(300)	ERW x 2					

Country: **CHINA (30)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Hebei Puyang Iron & Steel							
Wuan, Hebei	6000					Hebei Puyang Iron & Steel commissioned two 1,260 cu metre blast furnaces and two 120-tonne converters at the end of March 2008, which boosted its iron and steelmaking capacities to 6 million tpy from 3.5 million tpy.	MB 27-May-08
	(6000)	BF x 8					
	(6000)	LD x 6					
		LF					
		CC					
	(3520)	Hot x 2					
	(1500)	Plate					
	(600)	WR					
	(180)	SAW					
Hebei Zongheng Iron & Steel Group					P		
Cangzhou	2000		4000 (Firm)		2009-2010	Handan Zongheng Iron & Steel commissioned a 2 million tpy integrated hot rolled coil plant in September 2008 and will put another 4 million tpy HR mill on stream in 2009-2010. The two mills are located in Zongheng's brand new Cangzhou 6 million tpy steel complex near a sea port in Bohai coastal area. Output from these two mills will mainly be used in re-rolling and construction. For upstream facilities, the new complex has three 2500 cu metre blast furnaces and three 180t converters.	NET 30-Oct-08 SBB 22-Aug-08
		BF		BF x 2			
		LD		LD x 2			
		CC (slab)		CC (slab)			
		Hot		Hot			
Handan	3000						
		BF x 4					
		LD x 2					
		LF x 2					
		CC (slab) x 3					
		Hot x 2					

Country: **CHINA (31)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Henan Jiyuan Iron & Steel (Group) Co Ltd					P		
Jiyuan city, Henan province	4000			(Possible)	2011	China's Henan Jiyuan Iron & Steel Group has commissioned Siemens VAI to supply a wire rod mill, according to Siemens. The new mill will have capacity to produce 600,000 tpy of wire rod in sizes ranging from 5mm to 25mm and production is scheduled to start by late 2011.	MB 21-May-10
	(3500)	BF x 5	(600)	WR			
	(4000)	LD x 4					
	(4000)	CC (billet) x 4					
		WR x 2					
		STR x 2					
Hengshui Jinghua Steel Pipe (Jinghua Innovation Group)					P		
Hengshui, Hebei province							
	(300)	Cold					
	(1000)	ERW					
	(150)	SAW					
Hengyang Valin Steel Tube Co (Hunan Valin Iron & Steel Group)							
Hengyang, Hunan province	1300		700	(Firm)	2011	Hengyang Valin Steel Tube (Henggang), a major seamless pipe producer based in central China's Hunan province, began construction of a new 500,000 tonnes/year mill to produce high-value seamless pipes with diameters of 114-180mm on 28 December 2010. The new plant will be Henggang's sixth pipe plant and boost Henggang's annual capacity to 2m t/y. The No.6 mill will be installed at Henggang's wholly-owned subsidiary, Hengyang Valin MPM Co, as SBB has reported. With a total investment of RMB 1.68bn (USD 245m), the project is estimated to start test production in December 2011. The main facility, a 180mm premium quality finishing (PQF) rolling line, will be supplied by SMS Meer of Germany.	SBB 31-Dec-09 SBB 05-May-09
	(825)	BF	(700)	Steelmkg			
	(1300)	EF x 3	(500)	SMLS			
		LF					
		CC (billet)					
	(1500)	SMLS x 5					

Country: **CHINA (32)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Huadi Steel Group Co Ltd					P		
Taizhou Huadi Industrial	200						
		(stainless steel)					
	(200)	EF					
		AOD					
	(200)	Rolling					
Wenzhou City, Zhejiang							
		(stainless steel)					
		EF					
		AOD					
	(35)	STR					
	(25)	SMLS					
Huaye Special Steel Co							
Inner Mongolia Autonomous Region	600		400	(Firm)	2010	Inner Mongolia Huaye Special Steel operates a 600,000 tpy integrated stainless steel flat and tube plant and plans to boost production to 1 million tpy by 2010.	MB 07-Nov-06 MB 03-Aug-07 NET
		(stainless steel)		(stainless steel)			
	(600)	EF	(400)	EF			
	(600)	CC	(400)	CC			
	(600)	Hot		Plate			
	(100)	Cold (stn)		Cold (stn)			
	(120)	ERW					

Country: **CHINA (33)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Hubei Xinyegang Steel Co Ltd (CITIC Pacific Group)							
Huangshi, Hubei province (incl. Daye Special Steel)	2200 (special steel)	(1500) BF (2200) EF CC (billet) (1600) STR (1100) SMLS	1000 (Firm)	(1400) BF (1000) LD	2010	Hubei Xinyegang Steel (Xinyegang), a subsidiary of one of China's largest specialty steel makers, CITIC Pacific, officially launched two new specialty seamless pipe plants on 11 December 2009. This boosts Xinyegang's seamless pipe capacity to 1.1m tonnes/year. Located in Huangshi city in central China's Hubei province, the two new plants are one 460mm medium- and thick-walled Assel mill with a design capacity of 300,000 t/y and one 273mm Assel mill with a design capacity of 230,000 t/y. With the commissioning of the two new plants, Xinyegang now has five mills with a total capacity of 1.1m t/y and products with diameters of 51-508mm and thickness of 8-100mm. The company is operating another three mills which produce pipes in sizes of 76mm, 100mm and 170mm respectively. Apart from pipes, Xinyegang mainly produces special steel for bearings, gears, springs and dies. It produced 1.82m t of special steel in 2008 and plans to further expand its upstream capacity. It is starting an RMB 4bn (USD 586m) upgrade project to boost its iron and steel making capacity to 2.9m t/y and 3.2m t/y respectively, which will lead to a special steel capacity to 3m t/y in the future.	SBB 15-Dec-09 NET
Huhehot Iron & Steel					S		
Huhehot		BF LD BTM STR					

Country: **CHINA (34)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Huludao City Steel Pipe Industrial Co					P		
Huludao, Liaoning							
	(500)	ERW					
Jiangbei Steel Processing & Logistics (Wuhan Iron & Steel Group)					S		
Hankou Roll-forming Steel Plant							SBB 18-Feb-09
	(350)	ERW					
Jiangsu Shagang Group Co Ltd					P		
Zhangjiagang City, Jiangsu	20000			(Possible)		Eastern China's Shagang commissioned a new 5,800 cubic metre blast furnace on 21 October 2009, thus adding another 5m tonnes/year of iron making capacity to the company. This new blast furnace, together with its downstream converters, will feed Shagang's newly-commissioned 3m t/y hot strip mill and 2m t/y plate mill. In addition, Shagang has began building No.3 plate mill which has a capacity of 1.5m tonnes/year for plate 3,500mm wide.	SBB 26-Oct-09 SBB 22-Oct-09
	(17000)	BF x 9	(1500)	Plate			
	(14000)	LD x 6					
	(6000)	EF x 5					
		CC (slab)					
		CC (billet)					
	(7500)	Hot x 2					
	(4000)	Plate x 2					
	(4500)	STR x 6					
	(4000)	WR x 5					
Jiangsu Shagang Group Huaigang Special Steel Co Ltd							
Huaian, Jiangsu	3000			(Unlikely)		The new seamless pipe mill will produce OCTG up to 460mm and have a capacity of about 700,000 tonnes/year. Huaigang also plans to install a 150,000 t/y mill for longitudinal submerged arc welded pipes and a 300,000 t/y ERW pipe mill.	SBB 30-Jul-08
		(special steel)					
		BF	(700)	SMLS			
		LD	(300)	ERW			
		EF	(150)	SAW			
		CC (billet)					
	(2200)	STR					

Country: **CHINA (35)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Jiangsu Shagang Group Xinrui Special Steel Co Ltd							
Changzhou city, Jiangsu	1600						
	(1600)	BF x 3					
		LD x 4					
		EF x 2					
		LD x 2					
		CC x 5					
		Hot x 7					
		STR x 3					
Jiangsu Suzhou Steel Group Co Ltd					S		
Xushuguan, Jiangsu	1200						
		(special steel)					
	(700)	BF					
	(200)	LD x 2					
	(1000)	EF					
		CC (bloom)					
	(600)	STR					
	(600)	WR					
Jiangsu Ton Yi Tinplate					P		
Wuxi City, Jiangsu							
	(150)	Tin Plate					

Country: **CHINA (36)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Jiangsu Xigang Group (Hunan Valin Group)							
Xingu, Jiangxi	650			(Possible)	2010	Hunan Valin Group's Xigang has started constructing its 258mm seamless pipe mill in Jiangyin city, Jiangsu province, eastern China. The capacity of the new mill is 500,000 tonnes/year. Xigang expects to commence hot testing the new mill in last quarter of 2010, a company source says. Being supplied by Germany's SMS Meer, the mill will be able to produce oil country tubular goods, line pipe and high pressure boiler pipe. Xigang has its current base in Jiangsu province's Wuxi city, with 750,000 t/y of finished steel including bar, wire rod and pipes. Some outdated facilities will be demolished or dismantled and relocated to Jiangyin by 2011, however. At the new location, construction started in early June on a special bar mill with a capacity of 700,000 t/y. Commissioning of this mill is expected to start by 2010.	SBB 30-Oct-08 SBB 27-Jul-09
	(650)	EF CC (bloom) STR (250) SMLS	(700) (500)	STR SMLS			
Jiangsu Xixing Group							
Wuxi city, Jiangsu	1600					Shagang Group, China's largest privately-owned steel company officially acquired Jiangsu Xixing Group on 24 January 2010. The company has been renamed Jiangsu Shagang Xixing Special Steel. The two companies, both based in eastern China's Jiangsu province, signed a merger agreement last December. Since 2006, Shagang has been aggressively acquiring stakes in neighbouring mills. It currently holds a 64% stake in Jiangsu Huaigang Special Steel (Huaigang), 25% in Jiangsu Yonggang Group, 80% in Henan Yongxing Steel and 51% in Xinrui Special Steel.	SBB 26-Jan-10 SBB 14-Jan-10
	(1100)	BF x 2 LD EF x 2 CC (billet) x 3 Hot					

Country: **CHINA (37)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Jiangsu Yonggang Group Co Ltd					P		
Zhangjiagang city, Jiangsu	5000					Jiangsu Shagang, China's largest private steel mill, has a 25 percent stake in Yonggang.	SBB 16-Jun-09 SBB 06-Apr-09 SBB 27-Feb-09
	(100)	DR					
	(5000)	BF					
	(5000)	LD					
		CC (billet)					
	(2500)	STR					
	(2600)	WR					
Jiangsu Yulong Steel Pipe Co Ltd							
Wuxi, Jiangsu				(Possible)	2011	Eastern China's major welded line pipe maker Jiangsu Yulong Steel Pipe (Yulong) is set to build a greenfield project with a capacity of 300,000 tonnes/year in western China's Xinjiang Uygur Autonomous Region. The company plans to invest RMB 646m (USD 95m) to build three new mills including one 100,000 t/y longitudinal submerged arc welded (LSAW) mill and two spiral submerged arc welded (SSAW) mills with a total capacity of 200,000 t/y. Yulong started construction on the plants in late November 2009. The new project is scheduled to be commissioned within 18 months.	SBB 10-Dec-09
	(700)	SAW	(300)	SAW			
	(200)	ERW					

Country: **CHINA (38)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Jiangyin Xingcheng Special Steel Co Ltd (CITIC Pacific Group)							
Jiangyin City, Jiangsu province	6000	(special steel)		(Firm)	2011	China's largest special steel manufacturer, CITIC Pacific Special Steel (CPSS) Holdings, aims to expand its capacity to 9 million tpy in two years. CITIC Pacific is in discussions to sell its 65% interest in Shijiazhuang Special Steel which has capacity of 2.6 million tpy. CPSS would then expand the capacities of its two other special steel subsidiaries, Jiangyin Xingcheng Special Steel and Xinyegang Special Steel. The expansion is estimated to cost about RMB 19bn (USD 2.8bn). In 2009, Xingcheng Steel completed the construction of the iron and steel making part of two special plate lines, which have a total annual steel production capacity of 3 million tpy. The rolling part of the two lines is now being constructed, with the 3,500mm wide line scheduled for completion in the first half of 2010 and the 4,300mm wide line scheduled for completion in the first half of 2011.	HP SBB 11-Mar-10 SBB 18-Aug-09
	(6200)	BF	(2800)	Plate x 2			
		LD					
		EF					
		CC (billet)					
		CC (bloom)					
	(6000)	CC (slab)					
		STR					
		WR					
Jianlong Iron & Steel Group					P		
Chengde Jianlong (Chengde, Hebei Province)	1000		(1000)	(Unlikely)	2010	Chengde Jianlong Iron & Steel, a subsidiary of the Jianlong Steel Group based in northern China's Hebei province, is due to start building its second special bar line in October 2007. The line's capacity would match that of an existing special bar line, at 1m tonnes/year. To feed the new line, the company will set up a new 1250 cu meter blast furnace and two 70t converters. One of the new converters will be used to refine vanadium and titanium products, however. The company's iron and steel capacity will be doubled to 2m t/y when it completes the expansions.	SBB 10-Aug-07 NET
	(1000)	BF	(1000)	BF			
	(1000)	LD	(1000)	LD			
	(1000)	CC (billet)	(1000)	CC			
	(800)	STR	(1000)	STR			

Country: **CHINA (39)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Fushun New Steel	3000						
	(2400)	BF x 5					
	(2600)	LD x 5					
	(400)	EF x 2					
	(2900)	CC x 6					
	(2050)	STR					
	(550)	WR					
Heilongjiang Jianlong (Heilongjiang province)	2000			(Possible)	2010	Heilongjiang Jianlong Steel, one of subsidiaries of Jianlong Group is set to kick off the 2nd phase of the seamless steel pipe project in May 2009 which the steelmaker is to reach a new capacity of 1 million tonnes per year seamless steel pipe after the project finished by 2010.	SBB 16-Apr-09 NET
	(2000)	BF x 3	(800)	SMLS			
	(2000)	LD x 2					
	(2000)	CC (billet)					
	(1000)	STR					
	(200)	SMLS					
Tangshan Jianlong	2000						
	(2000)	BF x 3					
	(2000)	LD x 2					
		CC (billet)					
		CC (slab)					
		Hot x 2					
	(500)	Cold					
Jiaozuo Iron & Steel Co Ltd							
Jiaozuo city, Henan province	510						
	(510)	EF					
	(510)	CC					
	(530)	STR					

Country: **CHINA (40)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Jinan Iron & Steel Group Co (Shandong Iron & Steel Group)					S		
Jinan Iron & Steel	8300		1800	(Firm)	2009-2010	Jinan Iron & Steel is constructing its third plate mill, together with new upstream facilities including a 3,200 cubic metre blast furnace and a 210-tonne converter. The plate mill with a width of 4,300mm and a capacity of 1.8 million tpy will be commissioned in 2010. Furthermore, Jinan Steel will phase out 350 cubic metres blast furnaces, converters with sizes of 40-tonne and below, as well as a mill located near the downtown area of Jinan city by 2010. Meanwhile, Jinan Steel and Laiwu Steel merged in late 2006 to create Shandong Steel, which also acquired 67% of Rizhao Steel in 2009, but little progress was seen until November 2009 when the shares of both mills were suspended on the Shanghai Stock Exchange. Delisting is in sight for Shanghai-listed Jinan Steel or Laiwu Steel as Shandong Steel Group picks up the pace of the merger.	SBB 16-Apr-10 SBB 10-Dec-08 SBB 25-Jan-07 MB 19-Jan-10
	(7540)	BF x 9		BF			
	(8300)	LD x 7		LD			
	(1600)	CC (billet) x 2	(1800)	Plate			
	(6500)	CC (slab) x 6					
	(3600)	Plate x 2					
	(2500)	Hot					
	(1100)	Cold					
	(1200)	STR					

Country: **CHINA (41)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Jincheng Fusheng Steel Ltd					P		
Jincheng, Shanxi	2400		2600	(Firm)	2009-2010	Privately-owned Jincheng Fusheng Iron & Steel in northern China's Shanxi province has recently started building a new blast furnace. The new furnace will have a working volume of 1,380 cu metres and is designed with a 1.3m tonnes/year hot metal capacity. Fusheng plans to start hot trials of the furnace in the first quarter of 2010. After this furnace is put into operation, Fusheng will build another of the same size to start by the end of 2010. Two new 85-t converters will be served by the blast furnaces. The furnaces will be the largest that Fusheng has commissioned to date. Currently, it operates two 680 cu m and two 530 cu m blast furnaces. One of the 680 cu m units was only commissioned on 6 June 2009. These furnaces feed two 80t and two 50t converters respectively. Fusheng says in a statement that it aims to be China's leading construction steel production base. Currently, it has 1.8-2m t/y of rebar capacity and 600,000 t/y of wire rod capacity. A new 800,000 t/y H-beam mill and a new 2m t/y plate mill now under construction should start production later this year, subject to market conditions.	SBB 17-Jun-09 NET
		BF x 4	(2600)	BF x 2			
		LD x 4		LD x 2			
		CC	(800)	STR			
	(1800)	STR x 2	(2000)	Plate			
	(600)	WR					
Jining Iron & Steel Works (Jining Mining Industry Group)							
Jining, Shandong							
		EF					
	(500)	STR					
Jinxi Steel Pipe Co Ltd							
Huludao, Liaoning							
	(150)	ERW					

Country: **CHINA (42)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Jiuquan Iron & Steel Co (JISCO)					S		
Jiayuguan City, Gansu	6100			(Firm)	2010 (Cold, HGL)	Gansu Province-based Chinese steel producer Jiuquan Iron and Steel Group has announced that its No.1 cold rolling galvanized production line has finally been put into production. In 2007 Jiuquan Steel launched its cold rolling project, including the construction of two cold rolling galvanized production lines. Due to the economic crisis in late 2008, the project was suspended for a period of three months. Meanwhile, trial operations are currently being carried out on the second cold rolling galvanized line.	SO 22-Jun-10 SBB 20-Nov-08
	(4600)	BF	(1450)	BF			
	(6100)	LD	(1500)	Cold x 2			
		CC (billet) x 3	(750)	HGL x 2			
		CC (slab) x 2					
	(2000)	CC (tsc) x 2					
	(2000)	Hot					
	(1000)	Plate					
	(1500)	WR					
Stainless steel mill	600			(Possible)	2012		NET
		(stainless steel)					
	(600)	EF	(500)	Cold (stn)			
	(600)	CC (slab)					
	(900)	Hot					
	(180)	Cold (stn) x 2					
Yizheng Iron & Steel	1500						
	(1000)	BF x 2					
	(1500)	LD x 2					
	(1500)	CC (billet) x 2					
	(1500)	STR x 2					
Yuzhong Iron & Steel	1000		1200	(Possible)	2012	Jiuquan Iron & Steel Group (Jiugang), a major steel supplier in north-western China, plans to add 1.2m tonnes/year of new longs capacity at its subsidiary Yuzhong Iron & Steel in Lanzhou city, Gansu province. This will include a 600,000 t/y light H-beam mill, a 600,000 t/y bar mill, a 2,800 cubic metre blast furnace, and a 120 t converter. The source says the project is at a preliminary stage and construction may only start in late 2009.	SBB 23-Mar-09 NET
	(800)	BF x 2	(2200)	BF			
	(1000)	LD x 2	(1200)	LD			
	(1000)	CC (billet) x 2	(1200)	STR x 2			
	(500)	STR					
	(500)	WR					

Country: **CHINA (43)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Joint venture between Glencore International and Nanjing No.2 Steel Works								
Nanjing, Jiangsu province								
	(240)	BF x 2						
Julong Steel Pipe Co Ltd								
Qing Country, Hebei								
	(150)	SAW						
Kunming Iron & Steel (Wuhan Iron & Steel Group)					S			
Anning, Yunnan province	3600		(3050)	(Unlikely)		2012	Southern China's Kunming Iron & Steel (Kungang), a subsidiary of Wuhan Steel, received approval on 11 July 2008 from the National Development & Reform Commission to build an integrated steelworks in Kunming City chiefly to produce flat products. The new complex will have a finished steel capacity of 3.05m tonnes/year, and is expected to be fully commissioned by 2012, boosting Kungang's total crude steel capacity to 10m t/y.	SBB 17-Jul-08
	(3400)	BF	(2900)	BF				
		LD	(3050)	LD				
		EF		CC (slab)				
		CC (billet)	(2990)	Hot				
		CC (slab)	(1150)	Cold				
	(1700)	STR	(500)	Silicon				
	(1000)	WR	(350)	HGL				
	(1000)	Hot						
	(600)	Cold						
	(150)	HGL						
	(100)	Ptg						
Honghe Iron & Steel	2000							
	(2000)	BF						
	(2000)	LD						
		CC						
	(800)	STR						
	(400)	WR						
Qiaogang								
	(250)	STR						

Country: **CHINA (44)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Yunnan Kungang Pipe							
	(350)	ERW					
	(50)	SAW					
Yuxi Xinxing Iron & Steel	1500						
	(1000)	BF					
	(1500)	LD					
		CC					
		Hot					
		STR					
Laiwu Iron & Steel Group Co (Shandong Iron & Steel Group)					S		
Laiwu city, Shandong	13000			(Firm)	2009-2010	Yinshan Sections Co, a Laiwu Iron & Steel Group subsidiary based at Laiwu city in eastern China's Shandong province, has recently started building a new blast furnace. The new furnace is designed with an inner volume of 3,200 cubic metres and will produce 3m t/y of iron once commissioned. Construction began on 16 July 2008 and should be completed within one year.	SBB 23-Jul-08 NET
		BF	(3000)	BF			
		LD					
		EF					
		CC					
	(5700)	STR					
	(3000)	Hot					
	(1800)	Plate					
	(400)	Cold					
Yantai Steel Pipe Plant							
	(270)	SMLS x 2					
Lanzhou Iron & Steel Group Co (Langang)							
	440						
	(300)	LD					
	(140)	EF x 6					
	(166)	CC x 3					
	(170)	BTM					
	(240)	STR					

Country: **CHINA (45)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Lianyuan Iron & Steel Group Co (Hunan Valin Iron & Steel Group)							
Loudi, Hunan	6500					Lianyuan Iron & Steel, a subsidiary of Valin Group based in central China's Hunan province commissioned a new 4.4m tonnes/ year hot strip mill, a new blast furnace and a 210-tonne converter shop in 2009. Once it reaches full capacity, it will replace some of the mill's smaller blast furnaces. The mill has one 450 cu metre, two 380 cu metre, two 323 cu metre and one 2,200 cu metre blast furnaces. China's central government plans to close all blast furnaces below 400 cu metres by the end of 2011.	SBB 09-Sep-09 SBB 05-Aug-09 NET
		BF					
	(6500)	LD					
		CC (billet)					
		CC (tsc)					
		STR					
	(6400)	Hot					
	(1500)	Cold					
Lianzhong Stainless Steel Corp (Yieh United Corp's project)					P		
Huangpu in Guangdong province	800						
		(stainless steel)					
	(800)	EF					
	(800)	CC (slab)					
	(800)	Hot					
	(450)	Cold (stn)					
Liaoyang Seamless Oil Pipe Co Ltd (WSP Holdings)							
Liaoning province						Liaoyang Seamless Oil Pipe is 70% owned by New York-listed WSP Holdings Ltd with local welded pipe maker, Liaoning Daxing Steel Pipe, owning the balance. Wuxi Seamless Oil Pipe is also a subsidiary of WSP Holdings based in eastern China's Jiangsu province.	SBB 11-Feb-09
	(300)	SMLS					
Liaoyang Steel Co Ltd					P		
Liaoyang City, Liaoning	800						
	(800)	BF					
	(800)	LD					
	(500)	WR					

Country: **CHINA (46)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Lingyuan Iron & Steel Co					S		
Lingyuan, Liaoning	3500			(Possible)	2010	Lingyuan Iron & Steel (Linggang), a Shanghai-listed company located in north China's Liaoning province, is expanding its welded pipe capacity with a new 300,000 tonnes/year plant. The project started in July 2009, costing about RMB 99m (USD 14.5m), and is estimated to finish in May 2010. There will be four new pipe mills, including two electric resistance welded (ERW) pipe mills (one 114mm and one 325mm), and two spiral submerged arc-welded (SSAW) pipe mills (one 630mm and one 1,420mm). In addition, Linggang plans to install its first wire rod mill, the company announced on 19 November 2009. The rolling mill has a capacity of 500,000 tonnes/year, and construction will be completed by September 2010. Investment for the project is estimated at around RMB 280m (USD 41m).	SBB 20-Nov-09 SBB 04-Aug-09
		BF x 4		CC (billet)			
	(3500)	LD x 4	(500)	WR			
		CC		ERW x 2			
	(1200)	Hot		SAW x 2			
	(200)	Cold					
	(2200)	STR x 3					
	(250)	ERW x 4					
Liuzhou Iron & Steel (Wuhan Iron & Steel Group)					S		
Liuzhou, Guangxi	10000			(Firm)	2010	Guangxi Iron & Steel Group, the vehicle facilitating the integration of central China's Wuhan Iron & Steel and Liuzhou Iron & Steel (Liugang) in southern China's Guangxi province, has been formally registered. In a disclosure to the Shanghai stock exchange on 30 December 2008, the Shanghai-listed Liugang said Liuzhou Iron & Steel Group – its mother company – has been transferred from Guangxi provincial State-owned Assets Supervision and Administration Commission (SASAC) to the newly registered group. Liugang's crude steel capacity reached 10m tonnes/year since three new 150-t converters, with a combined capacity of about 4.5m t/y, were commissioned in 2008. Its new hot strip mill, wire rod mill and bar mill will commission in 2010.	HP SBB 01-Jun-10 SBB 15-Feb-10 SBB 20-Jan-10 SBB 25-Sep-09 SBB 31-Dec-08 MB 08-Jul-08
	(10000)	BF	(3500)	Hot			
	(10000)	LD	(600)	STR			
		CC (billet)	(600)	WR			
		CC (slab)					
	(1600)	Plate					
	(3500)	Hot					
	(1000)	Cold					
	(2800)	STR					
	(700)	WR					

Country: **CHINA (47)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Maanshan Iron & Steel Co Ltd (Magang Group)					S		
Maanshan, Anhui	14800		3000	(Possible)	2011	Magang Group Holding is carrying out relocation and upgrading project in Maanshan Iron & Steel and Magang (Hefei) Iron & Steel. Maanshan Steel will have a new 5,000 cu metre blast furnace, a 300-tonne converter, and a 1,580mm hot strip mill. Hefei Steel will have a new 1,550mm cold strip mill and a galvanising mill. The project will produce 3 million tpy of flat steel. The construction is expected to be completed in early 2011.	SBB 13-Apr-10 SBB 30-Mar-10 SBB 20-Aug-08 SBB 02-May-08
	(14700)	BF x 13		BF			
	(14800)	LD x 13		LD			
		CC (billet)		CC			
		CC (bloom)	(3000)	Hot			
		CC (slab)					
	(1100)	Plate					
	(7500)	Hot x 2					
	(3600)	Cold x 2					
	(400)	Silicon					
	(1150)	HGL x 3					
	(400)	Ptg x 2					
	(4180)	STR x 6					
	(1200)	WR x 2					
	(300)	Rolling x 3					
Magang (Hefei) Iron & Steel	1400			(Possible)	2011		SBB 13-Apr-10 SBB 30-Mar-10 SBB 20-Aug-08 SBB 02-May-08
	(1200)	BF x 4	(1500)	Cold			
	(1400)	LD x 3		HGL			
		CC (billet) x 3					
		STR x 4					
		Hot					
		SMLS					
Maruichi Metal Product (Foshan) Co Ltd					P		
Foshan in Guangdong province							
	(100)	ERW					

Country: **CHINA (48)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Minmetals Yingkou Medium Plate Co Ltd							
Liaoning province	2700			(Firm)	2009-2010	Minmetals Yingkou Medium Plate recently put its new wide plate mill on hot trial, with commissioning expected within the next one to two months. The new plate mill has a width of 4,800mm and a designed capacity of 1.5m tonnes/year. Currently, Yingkou Medium Plate has one existing 1.5m t/y plate mill with a width of 2,700mm, and output from the new mill is planned to widen the product range.	SBB 16-Nov-09
	(2600)	BF x 4	(1500)	Plate			
	(2700)	LD x 2					
		CC (slab) x 2					
	(1500)	Plate					
Nanjing Iron & Steel Co Ltd					S/P		
Jinxin Steel Rolling Co						Nanjing Iron & Steel's Jinxin Steel Rolling Co is scheduled to start trialing its newly-completed section mill on 8 June 2009. The new line is based in Suyu Industrial Park, in the northern part of Jiangsu province in eastern China. It has a capacity of 400,000 tonnes/year and is capable of making bulb flats and angles for ship building or use in electricity pylons.	SBB 03-Jun-09 NET
	(400)	STR					
Nanjing, Jiangsu	6500		(4000)	(Unlikely)		Nanjing Iron & Steel is preparing to build a 4m t/y greenfield steel complex at Jiangsu province's Lianyungang port. It has decided that this new steel complex will house a 5 metre-wide plate mill with 1.5m t/y capacity, but it does not yet know what the remaining 2.5m t/y capacity will consist of. An official with Nanjing Steel says the company is still waiting for approval from the provincial National Development & Reform Commission (NDRC).	SBB 05-Jun-09 MB 28-Jul-08 NET
	(5700)	BF	(4000)	Steelmkg			
		LD					
		EF					
		CC					
	(3600)	Plate					
	(500)	Hot					
	(1500)	STR					
	(600)	WR					

Country: **CHINA (49)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Nantong Baosteel Iron & Steel Co Ltd (Baosteel Group)					S		
Nantong, Jiangsu	1000					Established in September 2006, Nantong Baosteel Iron & Steel Co Ltd is jointly invested by Baosteel Group Corporation (92.5% shares) and Nantong Investment Management Center (7.5% shares) with the total assets of RMB 1,385 million. Its predecessor is Nantong Steel Works (established in 1987), which joined Baosteel Group in 1992 and was incorporated into the joint venture-Nantong Baosteel Nippon Steel Co Ltd (of which Baosteel Group Corporation has 67.5% shares, Japan's Nippon Steel Corporation has 25% shares, Nantong Investment Management Center has 7.5% shares and Japan's Mitsui & Co has 5% shares). The Japanese shareholders withdrew from the joint venture in 2006 and their shares were all bought by Baosteel Group Corporation to constitute the current shareholding structure. In October 2007, Baoshan Iron & Steel Co Ltd bought the 92.5% shares held by Baosteel Group Corporation and Nantong Baosteel Iron & Steel Co Ltd becomes a subsidiary controlled by the listed company.	HP
	(450)	BF (mini)					
	(1000)	EF x 3					
		CC (billet)					
	(1000)	STR					
NatSteel (Xiamen) Ltd					P		
Xiamen							
	(270)	WR					
	(350)	STR					

Country: **CHINA (50)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Ningbo Baoxin Stainless Steel Co Ltd					S/P		
Ningbo, Zhejiang						Ningbo Baoxin Stainless Steel Co Ltd is a cold rolled stainless steel sheet manufacturer established jointly by Baoshan Iron & Steel Co Ltd, Zheyong Iron & Steel Investment (Ningbo) Co Ltd, Nisshin Steel Co Ltd (Japan), Mitsui & Co Ltd (Japan), and Hanwa Co Ltd (Japan) in March 1996.	HP
	(600)	Cold (stn) x 7					
	(10)	ERW					
Ningbo Iron & Steel Co Ltd (Baosteel Group)					S		
Ningbo, Zhejiang	4000			(Possible)	2010	Shanghai-based Baosteel Group signed a share acquisition agreement with Hangzhou Iron & Steel on 1 March 2009 to take a 56% stake in Hanggang subsidiary Ningbo Iron & Steel (Ninggang) by paying Hanggang RMB 2.02bn (USD 297m). In 2009 Ninggang resumed construction of its first plate mill, which has a width of 4,300mm and a capacity of 1.8m tonnes/year. The company halted construction in December 2008, a time when many Chinese mills were coping with a collapsing market. The new plate mill is expected to be commissioned in early 2010.	SBB 22-Apr-09 SBB 03-Mar-09
	(4000)	BF x 2	(1800)	Plate			
	(4000)	LD x 2					
	(4000)	CC (slab)					
	(4000)	Hot					
Others							
	168850		13355	(Firm)			

Country: **CHINA (51)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Pangang Group Sichuan Changcheng Special Steel Co Ltd							
Jiangyou City, Sichuan province	650						
		(special steel)					
	(650)	EF					
		CC					
		Hot					
	(10)	Cold					
	(600)	STR					
		ERW					
	(20)	SMLS					
Pangang Group Xichang New Steel Enterprise Co Ltd							
Xichang, Sichuan	1000		3600	(Possible)	2011	Southeast China's Panzhihua Iron & Steel (Pangang) has almost finished site preparation work for constructing its 3.5m tonnes/year greenfield integrated steelworks in Sichuan province's Liangshan autonomous region. Pangang says construction could be launched very soon, and the new complex could be commissioned by the end of 2011. This works will have 4m t/y iron making capacity, 3.6m t/y crude steel capacity and about 3.5m t/y hot rolled coil capacity.	SBB 19-Jun-09 NET
	(1000)	BF	(4000)	BF			
	(1000)	LD	(3600)	LD			
	(1000)	CC		CC			
	(600)	Hot	(3500)	Hot			
	(500)	STR					
Panyu Chu Kong Steel Pipe Co Ltd					P		
Guangzhou, Guangdong							
	(900)	SAW x 3					
	(150)	ERW					

Country: **CHINA (52)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Panzhihua Iron & Steel Co Ltd (Pangang Group)					S		
Panzhihua, Sichuan	6000					Anshan Steel has completed merger negotiations with Panzhihua Steel as part of its plan to form the next 50 million tpy mega-mill in China. However, the final decisions on such things as manpower allocation and tax flows at the regional level will come from Beijing as Anshan Steel is state-owned, said the Anshan Steel official. Anshan Steel, based in Liaoning, was ordered to acquire Panzhihua Steel and Dong Bei Special Steel Group as part of Bejing-directed consolidation in the Steel Industry Reform and Revitalization Plan released by the state cabinet office on 20 March 2009. To this end, Anshan Steel has acquired around 10% of Panzhihua Steel and Vanadium, a listed unit of Panzhihua Steel Group, or around 19% of circulating shares.	MB 08-Feb-10
	(6000)	BF x 5					
	(6000)	LD x 5					
	(3000)	Hot					
	(1200)	Cold					
	(1200)	HGL x 3					
	(2100)	STR x 2					
Pingxiang Iron & Steel Co Ltd (Pinggang)					P		
Pingxiang city, Jiangxi province	8000			(Firm)	2009-2010	Jiujiang Steel, a subsidiary of Pingxiang Iron & Steel started its technical modernization project in October 2007 that should be completed in about two years. The project includes the addition of a 1.2m t/y wire rod mill to produce 5.5-14mm drawing-quality rods, and a 3,500mm 1.8m t/y plate mill for which a new quay is being constructed. The whole project is expected to cost RMB 7.5bn (USD 1bn). In September 2009 the company commissioned its new blast furnace and converter shop.	SBB 06-Jan-09 HP SBB 17-Aug-07 MB 04-Nov-08
		BF	(1200)	WR			
		LD	(1800)	Plate			
		CC (billet)					
		STR					
		WR					

Country: **CHINA (53)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Qingdao Iron & Steel Group Co (Qinggang)					S		
Qingdao, Shandong	3300			(Unlikely)		Qingdao Iron & Steel, based in Shandong province, has delayed construction of its first plate mill because it has yet to secure the necessary land. When it is eventually completed the 4,800mm wide plate mill will have a capacity of 2m tonnes/year.	SBB 17-Jun-08
	(3600)	BF x 6	(2000)	Plate			
	(3300)	LD x 5					
	(3300)	CC (billet) x 5					
		WR x 3					
		STR x 2					
Qingdao Pohang Stainless Steel Co					P		
Qingdao city, Shandong province				(Possible)	2009-2010	China's Qingdao Pohang Stainless Steel Co (QPSS), a subsidiary of South Korea's Posco, will double stainless cold rolling capacity from 180,000 tonnes/year to 360,000 t/y at its Qingdao works.	SBB 27-Jun-08 MB 24-Jun-08
		(stainless steel)					
	(180)	Cold (stn)	(180)	Cold (stn)			
Qinghai Kunlun Steel (Xiwang Group)							
Dulan, Qinghai							
	(200)	BF					

Country: **CHINA (54)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Shaanxi Hanzhong Hanjiang Iron & Steel							
New expansion project			2600	(Possible)	2010 (1st phase)	Northwest China's Shaanxi Hanzhong Hanjiang Iron & Steel was formally founded on 28 June 2009 through a combination of Hanzhong Iron & Steel Group (Hangang), Lueyang Iron & Steel Group (Luegang), and Hanzhong Jialing Mining. On the same day, the newly established company held a groundbreaking ceremony for a 5m tonnes/year expansion project. Hanzhong city plans to initially consolidate its local steel mills and other affiliated assets before creating a larger steel group by merging them with Longmen Iron & Steel Group. The Shaanxi government also wants to build new facilities in the province and replace Hangang and Luegang's backward ones. A local government official tells SBB the first phase will be completed by the end of 2010, with the whole project due to finish in 2015.	SBB 30-Jun-09 NET
			(2000)	BF x 2			
			(2100)	LD x 2			
			(500)	EF			
				CC x 4			
			(1800)	STR x 2			
Shaanxi Hanzhong Iron & Steel (Tangshan Baoye Group)					P		
Hanzhong, Shaanxi	2000			(Firm)	2009	Shaanxi Hanzhong Iron & Steel, in north-western China's Shaanxi province, has started constructing its first wire rod mill and expects to start operating it by the end of 2009. A ground-breaking ceremony was held on 26 December. According to company sources, the new mill has a capacity of about 600,000 tonnes/year, and will produce commercial grades for construction use.	SBB 07-Jan-09
	(1500)	BF x 3	(600)	STR			
	(2000)	LD x 2					
	(2000)	CC (billet) x 2					
	(800)	Hot					

Country: **CHINA (55)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Shaanxi Longmen Iron & Steel (Group) Co Ltd					P		
Shaanxi Longmen Iron & Steel	4000		3000	(Firm)	2010	Shaanxi Longmen Iron & Steel will expand its crude steel capacity to about 7m tonnes/year by the end of this year. The company currently has about 4m t/y crude steel capacity. Shaanxi Longmen is building two 1280 cu metre blast furnaces and two 120 t converters. According to a company release, the new facilities will add about 2.9m t/y of pig iron capacity and 3m t/y of crude steel capacity. Construction of the two blast furnaces will be completed in August and September 2010 respectively. The first converter should be ready in May and the other in June. Shaanxi Longmen has also started constructing downstream facilities, including rebar and wire rod mills with a combined capacity of about 2.4m t/y. The downstream facilities are planned to be relocated from its affiliated company, Maoming Hengda Steel Group, in southern China's Guangdong province. China's General Steel Holding, owner of the other 60% stake in Shaanxi Longmen Steel Co. acquired 99% of Hengda in 2008. Furthermore, Shaanxi Longmen is looking to boost its crude steel capacity to 10m tonnes/year by end of its twelfth five year plan (2011-2015), to meet large potential demand in northwestern China.	SBB 21-Apr-10 SBB 19-Jan-10
	(4000)	BF	(2900)	BF x 2			
	(4000)	LD	(3000)	LD x 2			
		CC		STR			
		WR		WR			
		Hot					
Shaanxi Lueyang Iron & Steel							
Hanzhong, Shaanxi	1000						
	(800)	BF					
	(1000)	LD					
	(800)	STR					

Country: **CHINA (56)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Shandong Fulun Iron & Steel					P		
Laiwu, Shandong	3000		1400	(Firm)	2010-2011	Shandong Fulun Iron & Steel, the steelmaking arm of Shandong Jiuyang Group in eastern China's Shandong province, will be making its first foray into wire rod production. Two wire rod lines, each with a capacity of 700,000 tonnes/year, have been ordered with German's SMS Meer. These two new lines are scheduled to start operation in the middle of 2011. Upstream facilities to feed the wire rod lines are expected to start-up before the end of 2010. These consist mainly of one 1,650 cubic metre blast furnace and one 140t converter and are currently under construction. Currently Fulun operates one 800,000 t/y bar mill and one 1.5m t/y strip mill, commissioned around May of 2009. Its annual crude steel output totals about 2.6m t.	SBB 08-Jun-10
	(2800)	BF x 3		BF			
	(3000)	LD x 2		LD			
	(1500)	CC (billet)	(1400)	WR x 2			
	(1500)	CC (slab)					
	(800)	STR					
	(1500)	Hot					
Shandong Iron & Steel Group Rizhao Co Ltd					S		
Rizhao, Shandong	7500		10000	(Possible)	2011	Shandong Iron & Steel Group (Shangang) and Rizhao Iron & Steel (Rigang) signed a consolidation agreement in September 2009 to set up a joint venture, Shandong Steel Group Rizhao Co. Under the agreement, Rigang will control a 33% stake in the JV through injection of its steel assets, while Shangang will pay cash for the remaining 67% stake. On its list of key tasks the company wants to focus on in 2010 are the integration of Shandong Group's operations and making a breakthrough in its 20m tonnes/year integrated flat steel mill project at Rizhao. The project has been planned for about two years, but construction has still not begun. Shangang has planned to complete building the first phase of the 10m t/y mill by 2011.	SBB 08-Apr-10 SBB 29-Jan-10 SBB 08-Sep-09 MB 07-Sep-09
	(7800)	BF	(10000)	Steelmkg			
	(7500)	LD					
	(7500)	CC					
	(2500)	Hot					
	(2500)	STR x 2					
	(3000)	WR x 3					

Country: **CHINA (57)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Shandong Taishan Iron & Steel Co Ltd							
Laiwu city, Shandong province	3000						
		(stainless steel)					
		BF					
		LD					
		EF					
		CC					
	(2400)	Hot					
	(1000)	Cold					
Shanghai Baomin Iron & Steel Group Co Ltd					P		
Jiangsu							
	(1200)	Plate					
Shanghai Ergang Co Ltd (Baosteel Group)					S		
Shanghai							
	(540)	WR					
Shanghai Just-Huahai Metal Products Co Ltd							
Pudong, Shanghai							
		(stainless steel)					
	(50)	ERW					
Shanghai Krupp Stainless Steel Co Ltd							
Pudong New Area, Shanghai						Shanghai Krupp Stainless, a joint venture between ThyssenKrupp Stainless and Baosteel Group, has not yet determined a new timetable for its plan to add a melting shop and hot rolling mill. The melt shop was previously scheduled for completion by the end of 2006. But the project was postponed because the location originally chosen for the integrated plant fell within the area of the World Expo 2010.	SBB 11-Dec-06
	(166)	Cold (stn)					

Country: **CHINA (58)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Shanghai Meishan Iron & Steel Co Ltd (Baosteel Group)					S		
Nanjing city, Jiangsu province	3500		3500	(Firm)	2012	Shanghai Meishan Iron & Steel (Meigang), a core subsidiary of Baosteel, will start construction of a new hot strip mill in the second quarter of 2010. Construction of the hot strip mill's upstream facilities of a converter and a 4,070 cubic metre blast furnace was already started earlier this year. This new hot strip mill with a width of 1,780mm will have a capacity of around 3m tonnes/year, and it is expected to be commissioned in May 2012. Currently, Meigang has a crude steel capacity of 3.5m t/y. After the commissioning of the new hot strip mill, together with its BF and converter, its crude steel capacity will be boosted to 7m t/y.	SBB 14-May-09 SBB 04-Jul-07 NET
		BF		BF			
	(3500)	LD		LD			
		CC (slab)		CC (tsc)			
		CC (tsc)	(3000)	Hot			
	(3000)	Hot					
	(1000)	Cold					
	(200)	Tin plate					
	(200)	HGL					
	(250)	ZnAl					
Shanghai Stal Precision Stainless Steel Co Ltd					S/P		
Shanghai						Shanghai STAL Precision Stainless Steel is a joint venture between the United States' Allegheny Ludlum (60%) and Baoshan Iron & Steel Co (40%).	HP NET
		(stainless steel)		(stainless steel)			
	(56)	Cold (stn)					

Country: **CHINA (59)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Shanxi Haixin Iron & Steel Group Co Ltd					P		
Wenxi county, Shanxi province	6000			(Unlikely)		Shanxi Haixin Iron & Steel has commissioned a seven-strand billet caster with a capacity of 1.2m tonnes/year. The company plans to sell most of the billets directly into domestic markets. The company, based in northern China's Shanxi province, has a total finished steel capacity of about 2.6m t/y, divided almost evenly between rebar and wire rod. It previously had to source billets because of limited casting capacity. Haixin has a casting capacity of about 2.6m t/y for slabs, which the mill sells to companies such as Linfen Iron & Steel, a subsidiary of Taiyuan Iron & Steel, also based in Shanxi province. The slab casters will eventually serve a 2.2m t/y hot strip mill, which has been delayed because of a lack of funds and the impact of the financial crisis.	SBB 01-Jul-09
	(5600)	BF	(2200)	Hot			
	(6000)	LD					
	(2600)	CC (slab)					
		CC (billet)					
		STR					
		WR					
Shanxi Huanhai Stainless Steel Co					P		
Huguan county, Shanxi province	200			(Possible)			MB 01-Sep-06
							MB 08-Jun-06
	(200)	EF x 3		Cold (stn)			SBB 11-Sep-06
		CC (slab)					NET

Country: **CHINA (60)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Shanxi Meijin Iron & Steel Co Ltd					P		
Taiyuan city, Shanxi province	1200	(special steel) BF LD CC STR WR				New York-listed General Steel Holdings has signed a framework agreement to acquire a 55% stake in long products maker Shanxi Meijin Iron & Steel Co. It is currently owned by a coking coal producer, Shanxi Meijin Energy Group, in northern China's Shanxi province. Meijin Iron & Steel has a crude steel capacity of about 1.2m tonnes/year, which feeds a 600,000 t/y wire rod mill. A 900,000 t/y mill for rebar and round bar has been installed, but is waiting to be commissioned.	SBB 18-May-10 MB 20-Apr-09 MB 09-Oct-07 NET
	(1000) (1200) (900) (600)						
Shanxi Wenshui Haiwei Iron & Steel					P		
Luliang, Shanxi	3000	BF LD STR WR Hot				Shanxi Zhongyang Iron & Steel and Shanxi Wenshui Haiwei Iron & Steel, two privately-owned longs producers in Luliang city in northern China's Shanxi province, signed a merger framework agreement on 24 June 2010. The merger will create a new group to be named Luliang Iron & Steel Group. A source from Luliang city's Economic and Trade Commission says details including shareholding of the consolidated company are yet to be decided though the deal would probably be finalized in 2011. The two companies have a combined crude steel capacity of about 6.6m tonnes/year, with Zhongyang hosting 3.6m t/y and Haiwei the remainder. The merged entity will see its crude steel capacity climb to 15m t/y by end of 2015 through the acquisition of other smaller mills.	SBB 28-Jun-10
Shanxi Yangquan Iron & Steel					S		
Yangquan, Shanxi	(100)	BF EF					

Country: **CHINA (61)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Shanxi Zhongyang Iron & Steel Co Ltd					P		
Lvliang, Shanxi	3600					Shanxi Zhongyang Iron & Steel and Shanxi Wenshui Haiwei Iron & Steel, two privately-owned longs producers in Luliang city in northern China's Shanxi province, signed a merger framework agreement on 24 June 2010. The merger will create a new group to be named Luliang Iron & Steel Group. A source from Luliang city's Economic and Trade Commission says details including shareholding of the consolidated company are yet to be decided though the deal would probably be finalized in 2011. The two companies have a combined crude steel capacity of about 6.6m tonnes/year, with Zhongyang hosting 3.6m t/y and Haiwei the remainder. The merged entity will see its crude steel capacity climb to 15m t/y by end of 2015 through the acquisition of other smaller mills.	SBB 28-Jun-10
	(3600)	BF					
	(3600)	LD					
		CC (billet)					
		CC (slab)					
	(1800)	WR					
	(400)	STR					
	(1600)	Hot					
Shanxi Zhongyu Iron & Steel Co Ltd					P		
Linfen, Shanxi	3000						
	(2000)	BF					
	(3000)	LD					
	(2000)	WR					

Country: **CHINA (62)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Shaoguan Iron & Steel Group Co Ltd (Guangdong Iron & Steel Group)					S		
Qujiang, Guangdong province	5000		(3000)	(Unlikely)		South China's Guangdong province announced on 10 May 2010 its replacement closure plan for the construction of Baosteel's new greenfield Zhanjiang integrated steelworks project which will begun construction soon. The province says it will shut down another 5m t/y of old steelmaking capacity in three years, including all 3.5m t/y of the existing plants of Guangzhou Iron & Steel, and another 1.5m t/y steel capacity from Shaoguan Iron & Steel. Meanwhile, Shaoguan Steel will expand its steelmaking capacity to 8 million tpy, around 3 million tpy more than today, once outdated facilities are replaced. The 5 million tpy mill, based in Guangdong province, is planning to do away with three coke batteries, two sintering plants, one converter, two rolling mills, and some smaller blast furnaces.	SBB 13-May-10 MB 13-May-08 NET
	(6000)	BF	(3000)	Steelmkg			
		LD					
		EF					
		CC					
	(2000)	Plate					
	(1500)	STR					
	(1200)	WR					
Shashi Steel Pipe Works					S		
Hubei province						Shashi Steel Pipe Works had been under the administration of the China National Petroleum Corporation (CNPC) and has been transferred to China Petrochemical Group Corporation (SINOPEC) since the assets reshuffle to CNPC and SINOPEC by the State Council in 2000.	
	(450)	SAW					
Shenyang Toyo Steel Co Ltd					S/P		
Liaoning province	500						
	(500)	EF					
	(500)	CC					
	(500)	STR					

Country: **CHINA (63)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Shenzhen Sino Master Steel Co Ltd (Guangdong Sino Master Group)					P		
Shenzhen, Guangdong province							
	(650)	STR					
Shenzhen Sino Master Steel Sheet Co Ltd (Guangdong Sino Master Group)					P		
Shenzhen, Guangdong province							
	(250)	Cold					
	(280)	HGL					
	(120)	Ptg					
Shijiazhuang Iron & Steel Co Ltd							
Shijiazhuang, Hebei province	2600	(special steel) BF x 4 LD x 2 EF CC (billet) x 3				CITIC Pacific has announced that it signed a framework agreement on 19 March 2010 with Hebei Iron & Steel Group (Hegang) to sell its 65% stake in Shijiazhuang Iron & Steel (Shigang). The stake will be sold for about RMB 1.58bn (USD 231m). Meanwhile, CITIC Pacific will also act as an agent to sell Hebei Zhongfu Investment Limited's 15% stake in Shigang to Hegang. Some Shigang management and employees are among the latter's shareholders. In total, Hegang will pay RMB 1.9bn (USD 278m) to acquire an 80% stake in Shigang. The other 20% will be left with the Hebei Province State-owned Assets Hold & Operation Co. (HPSA). Hegang and the HPSA are both Hebei-based and owned by the Hebei State-owned Assets Supervision & Administration Commission.	SBB 23-Mar-10
	(2200)	STR x 3					

Country: **CHINA (64)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Shougang Changzhi Iron & Steel Co Ltd					S		
Changzhi, Shanxi	3000		600	(Firm)	2011	Shougang Changzhi Iron & Steel, a subsidiary of Shougang in north China's Shanxi province, started a new expansion on 31 March 2010 to boost its crude steel and finished steel capacities each by about 1m tonnes/year to a combined 3.6m tonnes/year. These projects are set to be completed in a year. One 80 t converter will be set up to feed a 1m t/y bar mill. Changzhi was taken over by Shougang in 2009. Changzhi mainly produces longs, including rebar, wire rod and H-beams. In 2009, the company produced 2.07m t of crude steel, and this year it aims to produce 2.8m t of crude output. By the end of Changzhi's twelfth five-year plan (2011-2015), the mill aims to further double its capacity to 6m t/y.	SBB 06-Apr-10 SBB 16-Nov-09 SBB 11-Aug-09
	(2700)	BF	(600)	LD			
	(3000)	LD	(1000)	STR			
		CC					
		STR					
		SMLS					
		WR					
Shougang Flourish Colour Coating Corp					S/P		
Beijing						Shougang Flourish Colour Coating Corp is a joint venture founded by Shougang Corp subsidiary Shougang Holdings (Hong Kong) Limited and Hong Kong's Van Shung Chong Holdings.	
	(400)	HGL					
	(170)	Ptg					

Country: **CHINA (65)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Shougang Guizhou coke & steel project							
Panshui in Guizhou province			(5500)	(Unlikely)		Shougang, northern China's major steel producer, started construction of a coke project, part of an integrated steel project, in Panshui county in southern China's Guizhou province on 27 February 2009. Shougang says the coke project is aimed at making greater use of the rich coal resources in Guizhou. A Shougang official says the company will initially build two coking batteries with 900,000 tonnes/year of coking capacity each. A 4m t/y washing coal plant is planned to feed the coke project. The projects are expected to come on stream by the end of February 2011, and are estimated to cost about RMB 3.2bn (USD 468m). A portion of the coke from the project will supply Shuicheng Iron & Steel, a Shougang subsidiary in Guizhou. The integrated project will have a 6m tonnes/year coking capacity and 5.5m t/y steel capacity, producing high quality flat steel products. An official could not forecast when the project will be finished. On 19 January Shougang set up a joint venture, called Guizhou Shouqian Resources Development Co, to operate the project. Partners include Guizhou Panjiang Refined Coal Co, Guizhou Qiangui Power Co, and Shuicheng Iron & Steel Group Co. Shougang has taken a 51% stake with the other three parties taking stakes of 25%, 15% and 9% respectively.	SBB 05-Mar-09 MB 10-Dec-08
			(5500)	Steelmkg			

Country: **CHINA (66)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Shougang Jingtang United Iron & Steel					S		
Caofeidian, Hebei	4850		4850	(Firm)	2010	Shougang Jingtang United Iron & Steel, a 51:49 joint venture between Shougang and Tangshan Steel, began its 4.85m-tpy Caofeidian first-phase commissioning in May 2009. Shougang Jingtang will boast annual production capacity of 8.98 million tonnes of pig iron, 9.7 million tonnes of steel, and 9.13 million tonnes of finished products after all projects complete. The company plans to commission its second blast furnace and four converters during the second half of 2010.	HP NET MB 16-Sep-09 MB 13-Feb-09 SBB 11-May-10
	(4490)	BF	(4490)	BF			
	(4850)	LD x 2	(4850)	LD			
		CC (slab) x 2		CC (slab)			
	(5500)	Hot		Hot			
	(1600)	Cold		Cold			
	(800)	HGL x 2		HGL			
	(170)	Ptg					
Shougang Qianan Iron & Steel Co Ltd (Shougang Group)					S		
Qianan, Hebei	4500						
	(4200)	BF x 2					
	(4500)	LD x 3					
	(4500)	CC (slab) x 2					
	(4000)	Hot					
Shougang Shuicheng Iron & Steel (Group) Co Ltd (Shougang Group)					S		
Liupanshui City, Guizhou Province	3000		2000	(Firm)	2010-	Shougang Shuicheng Iron & Steel Group (Shuigang), a subsidiary of Shougang in Guizhou province, has kicked off new expansions to boost its crude steel and finished steel capacity to 5m tonnes/year each from approximately 3m t/y each at present. According to a company release, installation of a new 2,000 cu metre blast furnace was started in March 2010, which will add about 2m t/y of iron capacity; and this could be shortly followed by construction of a new converter. One bar mill and one wire rod mill will be installed as the main rolling items included in the project, but there are no plans for diversifying into flats production at this stage.	SBB 11-Mar-10 SBB 01-Jun-09
	(2800)	BF x 3	(2000)	BF			
	(3000)	LD x 5		LD			
		CC (billet) x 5		STR			
	(2000)	STR x 2		WR			
	(1300)	WR x 2					

Country: **CHINA (67)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Shougang Special Steel (Shougang Group)					S		
Shijingshan							
		EF					
		CC					
		BLM					
		STR					
		Cold					
Shougang Yili Iron & Steel (Shougang Group)							
Yili city, Xinjiang Uygur autonomous region	600		1400	(Firm)	2011	Shougang Yili Iron & Steel plans to expand to 2 million tpy by the end of 2011. The Shougang subsidiary, which currently produces billet and strip, will be able to produce welded and seamless pipe and rebar with the new facility. Construction had started on the project, part of a larger RMB 20 billion (USD 3 billion) expansion towards 5 million tpy by 2013 or 2014. The long steel project will be built in Yili city of the Xinjiang Uygur autonomous region. Shougang Yili Steel produced 111,200 tonnes of billet and 95,400 tonnes of strip in 2009.	MB 12-Jul-10
		BF		BF			
		LD		LD			
		Hot		CC			
Shunde POSCO Coated Steel Co Ltd					S/P		
Shunde, Guangdong				(Firm)	2010	Posco‘s expansion of capacity in China for making non-grain-oriented electrical sheets is expected to be completed by the second half of 2010 or earlier. Shunde POSCO Coated Steel (SPCS) is currently replacing the continuous galvanizing line with new annealing and coating facilities to lift its electrical sheets capacity to 280,000 tonnes/year, an increase of 180,000 t/y.	SBB 17-Dec-09
	(100)	Silicon	(180)	Silicon			
	(100)	HGL					
	(50)	Ptg					

Country: **CHINA (68)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Sichuan Chuanwei Group Co Ltd					P		
Sichuan province	3000						
	(2900)	BF x 4					
	(3000)	LD x 5					
	(3000)	CC					
	(1000)	Hot					
	(600)	Cold					
		Silicon					
	(900)	STR					
	(500)	WR					
Sichuan Southwest Stainless							
Leshan city, Sichuan	600			(Possible)	2010	Sichuan Southwest Stainless started production at its existing meltshop in March 2006. Its main products are 200 and 300 series stainless slabs. The company, based in Leshan city in southwestern China, was established in 2004 by Sichuan Jinguang Industry Group. Other minority shareholders include Leshan Tianhang Investment Co, Changshu Dongfeng Gear Company and Luoyang No.1 Tractor Co.	MB 10-Dec-07 NET
		(stainless steel)					
	(600)	EF		Cold (stn)			
	(600)	CC (slab)					
	(1800)	Hot					
Tai Feng Qiao Metal Products Co Ltd							
Jieyang, Guangdong							
	(120)	ERW					
Taiyuan Iron & Steel (Group) Co Ltd (Tisco)					S		
Shanxi New Linfen Iron & Steel	2000						
		(stainless steel)					
	(2000)	BF					
	(2000)	LD					
		CC					
	(1800)	Plate					

Country: **CHINA (69)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Shanxi Taigang Stainless Steel	9700			(Firm)	2010	Taiyuan Iron & Steel, the largest stainless producer in China, has started construction of its 20,000 tpy cold rolled precision stainless strip project in Shanxi province. It will produce cold rolled precision strip 0.03-0.3mm thick and 10-610mm wide. The project, which represents a RMB 1.02 billion (USD 140 million) investment, will involve building two precision strip mills, two pickling lines, a skin pass mill, a tension leveler an d two slitting and sharing lines. The company raised stainless output by 82 percent year-on-year to 2.02 million tonnes in 2007 following the launch of its 1.5 million tpy integrated stainless plant.	MB 08-Jan-08
		(stainless steel)		(stainless steel)			
	(6400)	BF x 3		(20) Cold (stn)			
	(7050)	LD x 5					
	(2650)	EF x 5					
	(6400)	CC (slab) x 6					
	(320)	CC (billet)					
	(500)	CC					
	(730)	Plate x 2					
	(6650)	Hot x 2					
	(400)	Cold x 3					
	(1350)	Cold (stn) x 3					
	(370)	Silicon					
	(1000)	STR					
	(200)	WR					
	(50)	SMLS					
Tangshan Changcheng Iron & Steel Group Jiujiang Wire Co Ltd					P		
Qianan, Hebei	5000						SBB 20-Mar-09
							NET
	(5200)	BF x 7					
	(5000)	LD x 6					
		CC					
	(4000)	WR x 9					

Country: **CHINA (70)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Tangshan Changcheng Iron & Steel Group Songting Iron & Steel Co Ltd					P		
Qianan, Hebei				(Firm)	2010	Tangshan Songting Iron & Steel (Songting), in northern China's Tangshan city, Hebei province expects to start its first wire rod mill in mid-January 2010. Construction of the unit only began in August, 2009. The mill has a capacity of about 450,000 tonnes/year and will produce 6.5-10mm diameter wire rods for construction use. In tandem with the commissioning, a second rod mill with same capacity could follow and start operation in mid-March 2010. This means Songting will boast a combined wire rod capacity of 900,000 t/y in 2010.	SBB 24-Dec-09
		BF x 4	(900)	WR x 2			
	(3200)	LD x 2					
		CC					
	(800)	Hot					
Tangshan Changcheng Iron & Steel Group Xinda Iron & Steel Co Ltd					P		
Qianan, Hebei	2200						
	(2100)	BF x 4					
	(2200)	LD x 2					
	(2200)	CC					
		STR					

Country: **CHINA (71)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Tangshan Changcheng Iron & Steel Group Yanshan Iron & Steel					P		
Qianan, Hebei	3600		2600	(Firm)	2010	Yanshan Iron & Steel, a privately-owned steel mill in northern China's Hebei province, has begun an upstream expansion that will add about 2m tonnes/year. Commissioning is expected to commence from early 2010. The main facilities to be installed include two 1,080 cubic metre blast furnaces, one 150 tonne converter, and one 8-strand bloom/round billet caster. The caster will be capable of producing blooms 200-300mm thick and 200-500mm wide, and round billets to 200-450mm diameter. Though Yanshan already has a crude steel capacity of about 3.6m t/y, currently this is only feeding a 1.5m t/y hot strip mill. The surplus semis – consisting mostly of billets – are sold in domestic markets.	SBB 30-Apr-09 NET
	(3600)	BF	(2600)	BF x 2			
	(3600)	LD	(2600)	LD			
		CC		CC (billet)			
	(1500)	Hot					
Tangshan Ganglu Iron & Steel					P		
Zunhua, Hebei	3000		(3000)	(Unlikely)		Ganglu Iron & Steel, a privately-owned steelmaker located in Zunhua city in northern China's Hebei province, commissioned a new blast furnace on 15 May 2009. The new blast furnace has a working volume of 1,160 cubic metres. It is designed with 1.2m tonnes/year of hot metal capacity. Ganglu commissioned a similar sized blast furnace in May last year. It therefore now operates four blast furnaces including two smaller ones of 550 cu metres, and has a combined iron capacity of around 3m t/y. Ganglu mainly produces slabs and hot rolled coil. It plans to double its existing 3m tonnes/year crude steel capacity to 6m t/y.	SBB 19-May-09
		BF	(3000)	Steelmkg			
	(3000)	LD					
		CC					
		Hot					

Country: **CHINA (72)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Tangshan Guofeng Iron & Steel							
Tangshan in Hebei province	7550						
	(7140)	BF x 12					
	(7550)	LD x 7					
		CC (slab)					
		CC (billet)					
	(5000)	Hot x 5					
	(700)	STR					
	(100)	ERW					
Tangshan Iron & Steel Co Ltd (Hebei Iron & Steel Group)					S		
Tangshan, Hebei province	12400					Tangshan Iron & Steel (Tanggang) shut down one 400 cu metres BF and two 450 cu metres BFs in 2008. The company says they are ahead of the central government's target of closing all small BFs before 2010.	SBB 20-Feb-09
	(11640)	BF x 6					
	(12400)	LD x 10					
		CC (billet)					
		CC (slab)					
	(2450)	STR x 3					
	(1000)	WR x 2					
	(2700)	Plate x 2					
	(5000)	Hot x 2					
	(2000)	Cold x 2					
	(1250)	HGL x 3					
	(150)	Ptg					
Tangshan Ruifeng Iron & Steel					P		
Fengnan district, Tangshan, Hebei	3000						
		BF x 4					
	(3000)	LD x 3					
		CC					
	(3000)	Hot x 3					

Country: **CHINA (73)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Tangshan Shougang Baoye Iron & Steel (Shougang Group)							
Tangshan, Hebei			4200	(Possible)	2009-2010	Tangshan Shougang Baoye Iron & Steel, a subsidiary of China's Shougang Group, plans to commission two plate mills in 2010, adding 3.8 million tpy of capacity. Shougang Baoye expects to begin commissioning a 5m heavy plate mill in the middle of 2010 with 2.2 million tpy of designed capacity, said a spokeswoman of Siemens VAI Metals Technologies, which is supplying the mill. The steelmaker is also to build a 3.5m medium plate rolling mill, with around 1.6 million tpy of capacity, to be commissioned by the beginning of 2010. Meanwhile, Shougang Baoye has also ordered three new continuous slab casters from Siemens VAI Metals Technologies as part of its expansion plan to feed its plate mills. Each caster has 1.4 million tpy of capacity and can produce slab that is 250-400mm thick and 1,600-2,400mm wide, 220-300mm thick and 1,600-2,500mm wide, and 230-250mm thick and 1,600-2,150mm wide. The company, based in Tangshan city, Hebei province, is 65% owned by Shougang and 35% by major private mill Tangshan Baoye Group.	MB 26-Aug-08 MB 22-Jun-07
				BF			
				LD			
			(4200)	CC (slab) x 3			
			(3800)	Plate x 2			

Country: **CHINA (74)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Tangshan Stainless Steel Co Ltd (Hebei Iron & Steel Group)					S		
Tangshan, Hebei province	3000					China's Tangshan Stainless Steel Co has recently started trial production of various stainless hot rolled grades including the 201, 304, 430 and 410. Tangshan Stainless has a 600,000 t/y stainless upstream facility that consists of a 110-t AOD converter, 110-t VOD furnace and 110-t ladle refining furnace supplied by Siemens VAI. But the melting facilities are still mainly sitting idle pending the start of stainless HR production. Despite its name Tangshan Stainless currently produces only carbon slab and HR strip. For its stainless HR trials, the company is buying slabs from the market.	NET SBB 13-Nov-09
		(stainless steel)					
	(2650)	BF					
	(3000)	LD					
		AOD					
		CC (slab)					
		Hot					
	(300)	Cold (stn)					
Tangyin Iron & Steel					S/P		
Tangshan, Hebei	2600					Tangyin Steel is a 51:49 joint venture between Tangshan Iron & Steel Group and Yinshui Iron & Steel.	
	(2600)	BF x 3					
	(2600)	LD x 2					
	(1050)	STR					
	(650)	WR					
	(900)	Hot					

Country: **CHINA (75)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Tianjin Angang Tiantie Cold Rolled Sheets (Anshan I&S, Tianjin Tiantie JV)							
Tianjin City				(Firm)	2010	Anshan Iron & Steel (Angang) on 25 September 2008 announced plans to increase its investment in Tiantie Steel Sheet by a further RMB 1.89 billion (USD 278m), thereby securing a 50% shareholding in the sheet company. Tianjin Tiantie Metallurgical Group, once the parent company of Tiantie Steel Sheet, will own the remaining 50%. Angang says the move is aimed at tightening the relationship with Tiantie and becoming more competitive. In May 2008, Tiantie Steel Sheet, based in Tianjin municipality, commissioned its first CRC mill with a capacity of 1.5m tonnes/year. Meanwhile, Tiantie Steel Sheet has just started constructing a 300,000 t/y electro-galvanising line, a 150,000 t/y colour-coating line, and an 800,000 t/y continuous annealing line. These are scheduled to start operating in August 2010.	SBB 29-Sep-08
	(1500)	Cold	(300)	EGL			
	(300)	HGL	(150)	Ptg			
	(150)	Ptg					
Tianjin Metallurgy Group Co Ltd							
	5000					A new steel group, Tianjin Bohai Iron & Steel Group, was formally launched on 13 July 2010 in Tianjin. The group is the result of the consolidation of four major state-owned steel makers and was backed by the local government. The crude steel capacity of the new group following the integration will total approximately 22m tonnes/year. But as members, such as Tianjin Metallurgy Group, are still working on new expansions, the total capacity could see further growth. Other members of the new group are Tianjin Pipe Corporation Group (TPCO), Tiantie Metallurgical Group and Tianjin Iron & Steel. The group's products include flats, longs, pipes and steel strands.	SBB 15-Jul-10
	(5000)	BF					
	(5000)	LD					
		CC					
		Hot					
		Cold					
		HGL					
		STR					
		SMLS					

Country: **CHINA (76)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Tianjin Pipe (Group) Corp							
Tianjin City	3000					China's leading seamless pipe producer, Tianjin Pipe Group Corp (TPCO), issued short-term notes worth RMB 500m (USD 74m) on 9 July 2010. According to TPCO's prospectus, RMB 200m raised from the notes will be used to replenish the working capital of its new steel-making facilities, while the remaining RMB 300m will be used to pay back bank loans. TPCO says the RMB 200m will be used on its 800,000 tonnes/year steel-making plant which costs about RMB 250m/month to operate. The plant is equipped with a 100-tonne electric arc furnace, which is replacing outdated facilities and is scheduled to be commissioned in September 2010.	SBB 13-Jul-10 SBB 17-Mar-09
		(stainless steel)					
	(300)	DR					
	(800)	BF					
	(3000)	EF					
		LF					
		CC (round)					
	(3000)	SMLS					
	(160)	Cold (stn)					

Country: **CHINA (77)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Tianjin Tiangang Group Co Ltd (Tianjin Iron & Steel)							
Tianjin City	6250					Tianjin Iron & Steel (Tiangang), in northern China's Tianjin municipality, has launched hot testing on its two new 110-tonne electric arc furnaces. The two EAFs are designed with a combined capacity of 2.25m tonnes/year. The company currently has a crude steel capacity of about 4m t/y at its new base in Tianjin's Dongli district. A company source suggests Tiangang's new raw steel output could feed the company's rolling mills for making long products. Tiangang currently operates a 1.5m t/y bar line and has commissioned an 800,000 t/y wire rod line in March, 2009. The company is also installing an old wire rod mill which has been relocated from its old operations in Hedong District. The old line has a capacity of about 650,000 t/y and is scheduled to come on-stream in the second quarter of 2010. Originally, the project was planned for commissioning this year, but it has been progressing slower than expected. Apart from long products, the company also has a plate capacity of about 2.4m t/y.	SBB 28-Dec-09 NET
		BF					
	(4000)	LD					
	(2250)	EF					
		CC (billet)					
		CC (slab)					
	(2400)	Plate					
	(1500)	STR					
	(1450)	WR					

Country: **CHINA (78)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Tianjin Tianguan Taiguang Welded Pipe							
Tianjin Binhai Industrial Zone				(Possible)	2011	China's leading seamless pipe producer, Tianjin Pipe Group Corp (TPCO) based in Tianjin Municipality, started construction of its first welded pipe project which has a total capacity of 450,000 tonnes/year on 15 December 2009. TPCO has set up a RMB 600m (USD 88m) joint venture company, Tianjin Tianguan Taiguang Welded Pipe, with Taiyuan Iron & Steel's listed arm Taigang Stainless, with each committing RMB 300m (USD 44m) to the project. The greenfield project has an estimated total investment of RMB 1.5bn (USD 220m), and is located in the Tianjin Binhai Industrial Zone. It is scheduled to be commissioned in 2011. The new project includes one 300,000 t/y 660mm and one 150,000 t/y 355mm electric resistance welded (ERW) pipe mill.	SBB 23-Dec-09
			(450)	ERW x 2			
Tianjin Tiantie Metallurgical Group Co Ltd							
Hebei province	8000					A new steel group, Tianjin Bohai Iron & Steel Group, was formally launched on 13 July 2010 in Tianjin. The group is the result of the consolidation of four major state-owned steel makers and was backed by the local government. The crude steel capacity of the new group following the integration will total approximately 22m tonnes/year. But as members, such as Tianjin Metallurgy Group, are still working on new expansions, the total capacity could see further growth. Other members of the new group are Tianjin Pipe Corporation Group (TPCO), Tiantie Metallurgical Group and Tianjin Iron & Steel. The group's products include flats, longs, pipes and steel strands.	SBB 15-Jul-10 SBB 26-Jun-09
		(8000)	BF				
		(8000)	LD				
			CC				
		(3800)	Hot				
			STR				
		(600)	WR				

Country: **CHINA (79)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Tonghua Iron & Steel Group Co					S		
Jilin Iron & Steel	1100		2000	(Possible)	2009-2010	In April 2008, Jilin Iron & Steel Co, subsidiary of Jilin Province-based Tonghua Iron & Steel (Group) Ltd, commenced the construction of its 1,450 mm hot rolling mill project.	SO 10-Apr-08 MB 11-Apr-08 SBB 16-Aug-07 HP
	(1100)	BF	(2500)	BF			
	(1100)	LD	(2000)	LD			
	(1100)	CC	(2000)	CC			
	(1000)	Hot	(2000)	Hot			
	(200)	Cold					
Panshi Seamless Steel Tube							
	(316)	SMLS					
Siping Steel Strip				(Possible)			HP
	(150)	Cold	(100)	Cold			
Tonghua Iron & Steel	6000			(Firm)	2010	Shougang Group has taken over Tonghua Iron & Steel, a 6 million tpy steelmaker in Jilin province, reportedly beating off competition from Angang Group and Hunan Valin Steel Co. China's seventh largest steelmaker has acquired a 77.59% stake in Tonghua Steel for RMB 2.5 billion (USD 368 million), said a Shougang official. Shougang bought the stake from the Jilin branch of the state-owned assets supervision and administration commission (Sasac), which is now left with a 10% stake in Tonghua Steel. The other major shareholder is China Huarong Asset Management Corp with 10.33%. Tonghua Steel produces hot and cold rolled coil and strip, rebar, wire, wire strand, sections and billet, and hopes to expand to 7.5 million tpy by end 2013, said a Sasac report.	MB 16-Jul-10 SBB 15-Jun-10
	(6000)	BF	(1100)	Cold			
	(6000)	LD	(200)	HGL			
	(6000)	CC					
	(2120)	STR					
	(2700)	Hot					
	(400)	Silicon					

Country: **CHINA (80)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Valin ArcelorMittal Automotive Sheet Co					S/P		
Loudi city, Hunan				(Possible)	2010-	China's Hunan Valin Steel announced on 31 July that it has agreed with partner ArcelorMittal to reduce the investment in their auto sheet joint venture by RMB 500m (USD 74m) because of the current economic situation. According to the announcement, the total investment in the new venture in Hunan province's Loudi city named Valin ArcelorMittal Automotive Sheet Co., will be reduced to RMB 4.5bn from RMB 5bn. The equity split between Valin and ArcelorMittal will not change. The Shenzhen-listed Valin Steel Tube & Wire is taking 34% while Valin Group and ArcelorMittal each own 33%. The new joint venture will host a 1.2m tonnes/year cold strip mill, chiefly to supply the automobile sector.	SBB 04-Aug-09
			(1200)	Cold			
Valin ArcelorMittal Electrical Steels					S/P		
Loudi city, Hunan				(Possible)	2012	Valin Group's and ArcelorMittal's joint venture to produce electrical steels in China is to be supervised and commissioned by the latter's Brazilian stainless and silicon steel subsidiary, ArcelorMittal Inox Brasil. The project is called Valin ArcelorMittal Electrical Steels (VAME). A first stage to be commissioned by 2012 comprises a grain-oriented production line with 100,000 tonnes/year capacity, and a line for non-oriented sheet with 200,000 t/y. Thereafter, capacity will be doubled for both lines by 2014.	SBB 28-Jan-10
			(300)	Silicon			
Vallourec & Mannesmann Changzhou Co Ltd					P		
Changzhou city, Jiangsu province							
		(20)		SMLS			

Country: **CHINA (81)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Wuhan Iron & Steel Co Ltd (Wuhan Iron & Steel Group)					S		
Wuhan, Hubei	16330			(Firm)	2010	Wuhan Iron & Steel (Wugang) has recently put a new hot-dip galvanising line on stream. The new HDG line is located downstream of Wugang's No.3 cold strip mill and has a capacity of 350,000 tonnes/year. The No.3 cold strip mill, which was commissioned in December 2009, is currently running at its full capacity of 1.1m t/y.	SBB 01-Jul-10 SBB 17-Dec-09 HP NET
	(15000)	BF	(350)	HGL			
	(16330)	LD	(300)	EGL			
		CC (billet)					
		CC (slab)					
		CC (tsc)					
	(1350)	STR					
	(700)	WR					
	(750)	Plate					
	(14000)	Hot					
	(5100)	Cold					
	(1400)	Silicon					
	(100)	Tin plate					
	(1300)	HGL					
	(200)	Ptg					

Country: **CHINA (82)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Wuxi Seamless Oil Pipe Co Ltd (WSP Holdings)							
Chaoyang Seamless Oil Steel Casting pipes	300					Wuxi-based WSP Holdings has established a new joint venture to make billets for seamless pipe making in north-eastern China's Liaoning province, the company announced on 2 June. The new company, named Chaoyang Seamless Oil Steel Casting Pipes Co, was founded through WSP Holdings' subsidiary Wuxi Seamless Oil Pipes Co (WSP China). WSP China takes a 51% stake in the JV, with two private individuals holding the remaining shares. The two individuals are from a local company called Chaoyang Yude Sponge Iron, but are investing in the new JV independently. With a registered capital of RMB 10m (USD 1.5m), the JV will have sponge iron capacity of 50,000 tonnes/year and 300,000 t/y of billet capacity by acquiring assets from Yude. The purchase is still being finalised and the company would not provide a timetable.	SBB 04-Jun-09 HP 02-Jun-09
	(50)	DR					
	(300)	EF					
	(300)	CC (billet)					
Jiangsu province				(Possible)	2009	Wuxi Seamless Oil Pipe, a subsidiary of New York-listed WSP Holdings Ltd based in eastern China's Jiangsu province, has begun building a new plant for oil country tubular goods in northwest China's Korla Economic Technical Development Area in the Bayangol Mongol Autonomous Prefecture (Bazhou). Construction on the 500,000 tonnes/year OCTG project began on 18 October 2008, according to an official with Korla Economic Technical Development Area, and is expected to be completed in the latter part of 2009. Wuxi Seamless has a design capacity of 650,000 t/y for rolling OCTG and a finishing capacity of 580,000 t/y. It is adding another 300,000 t/y rolling mill in Liaoning province's Liaoyang to commission in the second half of 2009.	SBB 23-Oct-08
	(650)	SMLS	(500)	SMLS			

Country: **CHINA (83)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Wuyang Iron & Steel Co Ltd (Hebei Iron & Steel Group)					S		
Ding Tu Shan city, Henan province	5000		(1000)	(Unlikely)		Wuyan Iron & Steel intends to boost the annual production capacity to 6 million tonnes of crude steel and 5 million tonnes of steel plate.	HP NET
	(5000)	EF CC		BF EF CC			
	(3000)	Plate		Plate			
Xiangtan Iron & Steel (Hunan Valin Iron & Steel Group)							
Stainless steel mill project				(Possible) (stainless)	2012	Major Chinese plate producer Xiangtan Iron & Steel plans to commission a 700,000 tpy stainless mill in Xiangtan county, Hunan province in 2012. The proposed new mill is to be capable of producing cold rolled and hot rolled products, as well as welded pipe, according to a Xiangtan newspaper.	MB 23-Sep-08
			(700)	Hot Cold (stn) ERW			
Xiangtan City, Hunan province	8000			(Firm)	2010	Xiangtan Steel, a subsidiary of Hunan Valin Steel Group, is increasing its crude steel capacity by more than 33% to 8 million tpy from 6 million tpy, and plans commission a 5-metre heavy and wide plate mill. The new plate mill is expected to be commissioned in 2010. The company has already commissioned a 3 million tpy slab plant in 2009.	MB 11-Sep-08 SBB 24-Oct-08 NET
		BF CC (billet) CC (slab)	(1500)	Plate			
	(8000)	LD					
	(3000)	Plate x 2					
	(2250)	WR x 4					
	(700)	STR x 2					

Country: **CHINA (84)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Yangchun New Iron & Steel (Guangdong province)	550		1850	(Firm)	2010-2011	Xiangtan Iron & Steel subsidiary, Yangchun New Iron & Steel in Guangdong province, commissioned a new 120 t converter in February 2010, with a crude steel capacity of about 1.2m tonnes/year. The new unit is set up to feed an 800,000 t/y bar mill inaugurated at the end of January. These new facilities are both located at the company's new manufacturing base in Yangchun Nanshan Industrial Park in Yangchun city. The company already started a second phase expansion at the same site, which will double the company‘ s capacity to about 2.4m t/y each of pig iron and crude steel within this year. Yangchun will also make its first foray into wire rod production through the expansion. The steelmaker has signed a contract with a domestic construction company to build a 1.2m t/y wire rod mill, which is set to start operation in late October 2010. As Yangchun has started its facilities at its new plant, the company's old capacities in the centre of Yangchun city may face closure soon, a company source says. These capacities include 500,000 t/y of iron, 550,000 t/y of steel and 600,000 t/y of rebar.	SBB 10-Feb-10 SBB 18-Jan-10
	(500)	BF	(1800)	BF			
	(550)	LD	(1850)	LD			
		CC		CC			
	(600)	STR	(200)	STR			
			(1200)	WR			
Xilin Iron & Steel Group							
Acheng Iron & Steel	800		(1200)	(Unlikely)		Acheng Iron & Steel plans to increase its steelmaking capacity to 2 million tpy.	SBB 20-May-10 NET
	(450)	BF	(1200)	Steelmkg			
	(800)	EF					
	(500)	STR					

Country: **CHINA (85)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Xilin Iron & Steel	3000		1000	(Firm)	2010-2011	Xilin Iron & Steel plans to double its steel capacity to 4m t/y by the end of 2010. To achieve this, the mill recently commissioned a 1,080 cubic metres blast furnace with a designed 1m t/y hot metal capacity. It will replace two small blast furnaces of 130 cubic metres each once the new furnace reaches full capacity. The company also started building a mill to produce construction steel with a designed capacity of about 700,000 tonnes/year. Xilin Iron & Steel and its subsidiary Acheng Iron & Steel aim to achieve a 6m t/y crude steel and finished steel capacity in the near future.	SBB 20-May-10 SBB 12-Mar-09
		BF	(1000)	Steelmkg			
		LD	(700)	STR			
		EF					
		CC					
		STR					
		WR					
Xingtai Iron & Steel Co Ltd							
Xingtai, Hebei	3200		350	(Firm)	2010	Xingtai Iron & Steel (Xingtai), one of China's largest wire rod producers based in northern China's Hebei province, is entering the stainless market by launching a 350,000 tonnes/year stainless project. The company is building the first phase of the project with investment of RMB 600m (USD 88m). Key facilities of the stainless steel plant include a 70-t melting furnace, a 60-t AOD furnace, a 60-t ladle furnace, and a continuous caster with Siemens providing much of the new facilities. The project has been designed to cast around 350,000 t/y of billets in stainless and special steel grades to feed its wire rod mill. The new plant is planned to be commissioned in October 2010.	SBB 25-Nov-09
				(stainless steel)			
		BF x 5		EF			
	(3200)	LD x 3		AOD			
		CC (billet) x 5		LF			
	(3100)	WR x 5	(350)	CC			

Country: **CHINA (86)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Xining Special Steel Group Co Ltd							
Xining, Qinghai	1200	(special steel)					
	(1000)	BF x 2					
		EF x 4					
		LD					
		LF x 6					
		CC (billet) x 3					
		CC x 2					
		STR					
		SMLS x 2					
Xinxing Ductile Iron Pipes Group Co Ltd					S		
Xinjiang Jinte Iron & Steel	1000					A new wire rod mill with 700,000 tonnes/year of capacity has begun production at Jinte Iron & Steel, a subsidiary of Xinxing Ductile Pipe Group in north-western China's Xinjiang Autonomous Region. The commissioning will help Jinte toward a finished steel capacity of about 1m t/y. It currently produces about 250,000 t/y of rebar and wire rod. The new mill can produce wire rods 6.5-10mm in diameter, which will be targeted at north-western and south-western China's construction markets. Two 40t converters have been started up to feed the existing and new rolling mills. An old 15t converter, which should be eliminated under the guidelines of the central government, has already shut down.	SBB 24-Apr-08
	(1000)	BF					
	(1000)	LD					
		CC					
	(1200)	STR					
Xinxing Ductile Iron Pipes	3500			(Firm)	2010	Xinxing Ductile Iron Pipes, which is reputedly China's largest maker of ductile iron pipes, with a capacity of 1.2m t/y, has recently commenced trial production at its first wire rod mill. The mill has a design capacity of around 700,000 tonnes/year and is capable of producing wire rods of 5-22mm in diameter.	SBB 19-Mar-10
		BF	(700)	WR			
	(3500)	LD					
		CC					
	(2600)	STR					

Country: **CHINA (87)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Xinyu Iron & Steel Co Ltd					S		
Xinyu, Jiangxi province	10000			(Possible)	2010	Xinyu Iron & Steel (Xingang), located in eastern China's Jiangxi province, commissioned a 3m t/y 1,580mm wide hot strip mill and a 210-t converter during February-March 2009. In November, it blew-in a 2,500 cu metre blast furnace that boosted Xingang's steel capacity to 10m t/y. In addition, the company began to build its first cold rolled coil mill on 18 December 2008. Installation should be completed in 15 months. The mill has a 1.2m tonnes/year capacity and will produce CRC 0.35-2.0mm thick and up to 1,500mm wide targeting the construction, automotive and home appliance industries. Besides the cold mill, the project also includes a 700,000 t/y annealing line as the new mill's intermediate processing facility. Blueprints also allow for the installation of a 300,000 t/y hot-dip galvanising line as the CRC mill's downstream facility.	SBB 04-Jan-10 SBB 24-Dec-08
	(9000)	BF	(1200)	Cold			
	(10000)	LD	(400)	Silicon x 2			
		CC (billet)	(300)	HGL			
		CC (slab)					
	(2500)	Plate					
	(3000)	Hot					
		STR					
		WR					
		SMLS					
Xinyuan Stainless Steel Corp					P		
Gaoyao, Guangdong	200					Xinyuan Stainless Steel Corp commissioned its 240,000 tpy stainless hot rolling mill in January 2008.	MB 25-Jan-08
		(stainless steel)					
	(200)	IF					
	(240)	Hot					

Country: **CHINA (88)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Xiyang Group					S		
Changjiang county, Hainan province			1920	(Possible) (stainless steel) (1920) Steelmkg (1920) Hot	2011	China's Xiyang Group plans to build a 1.92m tonnes/year carbon and stainless hot rolled strip project in Changjiang county in southern Hainan province. The RMB 7bn (USD 1bn) project will produce 1.42m t/y of carbon and low alloy hot rolled strips and 500,000 t/y of stainless HR strips. Construction should start in the second half of this year and the mill is expected to commission a year-and-a-half later, reported Hainan Ribao, citing Zeng Xuemeng, head of Changjiang county's Ministry of Industry and Information Technology. Xiyang Group, headquartered in northeast Liaoning province, is a state-owned conglomerate with businesses in refractory products, fertiliser, steel, coal chemicals and trading.	SBB 11-Feb-09
Xuanhua Iron & Steel Group (Hebei Iron & Steel Group)					S		
Zhangjiakou, Hebei	6000 (6500) (6000) (1580)	BF x 8 LD x 6 CC x 6 STR x 4 WR x 3 Hot x 2 ERW x 4	3400	(Firm) BF (3400) LD x 2 CC (billet) x 2 STR x 2 WR x 2	2010	Xuanhua Iron & Steel (Xuangang), a subsidiary of Hebei Iron & Steel Group (Hegang), is preparing to start construction on two new bar projects. One of the bar mills, with a capacity of about 900,000 tonnes/year, will produce construction steel; the other with a capacity of about 700,000 t/y, is designed to make bars for machinery manufacturing. The new mill will replace old bar and strip capacity with a combined capacity of 1.6m t/y. Meanwhile, two new wire rod mills are suggested to be approximately 1.1m t/y of capacity and the mills are also supposed to replace a 1.1m t/y strip mill according to the company's environmental evaluation report. In addition, Xuangang's 3m t/y upstream expansion to feed longs production is already under construction. Two 150-t converters will be set up by August 2010, adding about 3.4m t/y of crude steel.	SBB 12-Apr-10 SBB 23-Nov-09

Country: **CHINA (89)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Yieh Phui (China) Technomaterial Co Ltd					P		
Changshu, Jiangsu province							
	(900)	CAPL					
	(600)	Cold x 2					
	(900)	HGL x 3					
	(360)	Ptg x 2					
Yunnan Metallurgical Corp							
Kunming							
	(50)	HGL					
Yunnan Yuxi Xianfu Iron & Steel (Group) Co Ltd					P		
Yuxi, Yunnan	550		(950)	(Unlikely)	2010	Yunnan Yuxi Xianfu Iron & Steel, a private bar and wire rod steel producer in Yunnan, intends to expand its steelmaking capacity to 1.5 million tpy from 550,000 tpy by 2010.	HP NET
	(600)	BF x 3	(950)	BF			
	(550)	LD x 2	(950)	Steelmkg			
	(500)	WR	(700)	Rolling			

Country: **CHINA (90)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Zhangdian Iron & Steel Works (Shandong Iron & Steel Group)					S		
Zibo, Shandong	1200		1200	(Possible)	2011	Zhangdian Iron & Steel Works, part of the Shandong Iron & Steel Group (Shangang) in eastern China's Shandong province, could start building two new wire rod mills at the end of June 2010. If construction starts as expected, these two mills could be put into service around October of 2011. Each mill will have a capacity of about 600,000 tonnes/year. In March 2010, the steelmaker started construction of a new 120-t converter, to feed the new capacity it will be bringing on stream. The converter will begin operation by end of this year. For now, Zhangdian produces rebar and round bar from an existing mill with a capacity of about 1m t/y, fed by its first 120-t converter and a 1,350 cubic metre blast furnace. All these facilities are located at the company's new site in Huantai county, Zibo city, about 10km north of its old plant in the urban area of the same city. After closing the last blast furnace operated at its old site in March, the company has completed its relocation, which was ordered by the local government in an effort to reduce pollution in the urban area. Before the new site was commissioned Zhangdian mainly produced pig iron and had a capacity of nearly 1m t/y.	SBB 10-Jun-10 SBB 06-May-09
	(1200)	BF		LD			
	(1200)	LD	(1200)	WR x 2			
	(1200)	CC (billet)					
	(1000)	STR					
	(100)	Hot					
Zhangjiagang Pohang Stainless Steel Co Ltd (ZPSS)							
Zhangjiagang, Jiangsu	600					Posco holds 82.5% of ZPSS and the Shagang Group 17.5%.	
		(stainless steel)					
	(600)	EF					
	(600)	CC (slab)					
	(600)	Hot					
	(400)	Cold (stn)					

Country: **CHINA (91)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Zhengzhou No.2 Steelworks							
Zhengzhou, Henan							
	(380)	STR					
	(220)	WR					
	(40)	Cold x 2					
Zhengzhou Top Rolling Technology Co Ltd							
Shanghai Top Precision Strip Steel							
	(300)	Cold					
Tianjin Top Precision Strip Steel							
	(350)	Cold					
Zhengzhou Top Precision Strip Steel				(Possible)			HP
	(300)	Cold	(2000)	Cold			
Zhumadian Southern Steel-Making Plant Co Ltd							
Zhumadian, Henan	1200						
		BF					
	(1200)	LD					
		CC					
		STR					
		WR					

Economy: **CHINESE TAIPEI**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Alchemy Steel Inc							
Yilan							
	(300)	STR					
An Feng Steel Co Ltd					P		
Kaohsiung						The fate of An Feng Steel is in the hands of its creditors after a final auction for the company's assets failed to attract any bidders. An Feng's creditor banks have not applied to the Court to hold another auction after the third and final auction for An Feng, which took place in the first week of December 2005, again failed to find any bidders. The reserve price of the auction was at TWD 5.3 billion, which is half of the TWD 10.6 billion set at the first auction in December 2003. The company is thought to owe a total of TWD 5.1 billion to a consortium of creditor banks and is now earning processing fees by toll rolling slabs into hot rolled coils.	
	(2000)	Hot					
Asia Pacific Lon Kang Steel Co Ltd							
	70						
		(special steel)					
	(70)	EF					
		Rolling					
Chia Far Industrial Factory Co Ltd							
Tao Yuan Shien							
		(stainless steel)					
	(120)	Cold (stn)					

Economy: **CHINESE TAIPEI (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Chia San Iron & Steel Industries Co Ltd							
Tao Yuan							
	(78)	STR					
Chien Shing Stainless Co Ltd							
Tainan							
		(stainless steel)					
	(150)	Cold (stn)					
Chien Shun Steel Co Ltd							
Miaoli Hsien	400						
	(400)	EF x 2 CC x 2 STR					
Chih Lien Industrial Co Ltd							
Tao Yuan Hsien							
	(126)	STR					
Chin Ho Fa Steel & Iron Co Ltd							
Kaohsiung							
	(72)	STR					
Chin Ling Steel Co Ltd							
Tao Yuan							
	(500)	STR					

Economy: **CHINESE TAIPEI (3)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Chin Tai Steel Enterprise Co Ltd								
		35						
		(35)	EF					
		(35)	STR					
			LD					
			CC (billet)					
China Steel Corp						S/P		
	Kaohsiung	11460			(Firm)	2010-2012	The board of directors of China Steel Corp (CSC) has given approval for management to proceed with a revamp of the steelmaker's No.1 blast furnace and No.1 hot strip mill at Kaohsiung. These two projects will see CSC's finished steel output rise from the existing 10.2m tonnes/year to 10.95m t/y in 2012. CSC has begun preparatory work on the No.1 blast furnace to increase its capacity from 1.97m t/y to 2.33m t/y by June 2011. An incremental rise in crude steel production of 400,000 t/y will be reached by adding more scrap to the BOF. The project to upgrade the No.1 hot strip mill will commence in April and is due for completion by June 2012. Furthermore, CSC will commission a new 1.5m t/y tandem CR mill and a new 400,000 t/y HDG line by 2011.	SBB 03-Jun-10 SBB 07-Apr-08 MB 07-Apr-08 HP NET
		(10000)	BF x 4	(360)	BF			
		(11460)	LD x 6	(300)	WR			
			LF	(230)	Hot			
			CC (bloom) x 3	(1500)	Cold			
			CC (slab) x 6	(400)	HGL			
		(1670)	BTM					
		(956)	STR x 2					
		(670)	WR					
		(1100)	Plate					
		(7800)	Hot x 2					
		(2700)	Cold x 2					
		(650)	Silicon					
		(550)	HGL x 2					
		(325)	EGL					
Ching Fu Steel Enterprise						P		
	Kaohsiung							
		(40)	STR					

Economy: **CHINESE TAIPEI (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Ching Sang Iron Works					P		
Taipei	85						
	(85)	EF x 3 STR CC					
Chung Hung Steel (CSC Group, formerly Yieh Loong Enterprise)							
Kaohsiung Hsien							
	(2600)	Hot					
	(480)	Cold					
	(72)	ERW					
Dah Yung Steel Mfg					P		
Kaohsiung	160						
	(160)	EF x 2 CC WR STR					
Dragon Steel Corp (formerly Kuei Yi Industrial Corp)							
Taichung Hsien	900		5000	(Firm)	2010(1st), 2012(2nd)	Chinese Taipei's Dragon Steel Corp blew in its new 2.5m tonnes/year blast furnace on 26 February 2010 at its Taichung works in central Chinese Taipei, says parent company, China Steel Corp (CSC), in a stock exchange filing. A 3-3.5m t/y hot rolling mill is expected to be commissioned later in May. The second phase will see another blast furnace built and 2.5m t/y of raw steel capacity added in 2012. Construction on a third phase expansion, which is likely to include facilities for carbon plate and high alloy steel of 1m t/y each, could start in 2012 at the earliest.	SBB 02-Mar-10 SBB 25-Feb-10
	(900) (920) (600)	EF (DC) CC (billet) STR	(5000) (5000) (5000) (3000)	BF LD CC (slab) Hot			

Economy: **CHINESE TAIPEI (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
E-Sheng Steel Co Ltd							
Tainan Hsien	360						
	(360)	EF					
	(360)	CC (billet)					
		STR					
Ever Steel Enterprise Co Ltd							
Kaohsiung Hsien							
	(443)	STR					
Feng An Metal Industries (An Feng Steel Group)					P		
Kaohsiung							
	(500)	STR					
Feng Hsin Iron & Steel Co Ltd							
Taichung Hsien	1580						
	(1580)	EF x 2					
	(1580)	CC (billet) x 3					
	(1220)	STR x 3					
	(460)	WR					
Formosa Plastics Group							
Integrated steel mill project (Yunlin)			(7500)	(Unlikely)		Formosa Plastics Group's proposed 7.5 million tpy integrated steel project in Chinese Taipei has been delayed for at least another two years after it failed to pass a review by the Environmental Protection Administration (EPA). The company now needs to go through another review process, which it refers to as the second-stage review and is a harder process by which to gain approval, said a company official.	MB 28-Jan-08 MB 04-Oct-07 MB 26-Feb-07
			(7500)	BF x 2			
			(7500)	LD			
			(7500)	CC			
			(7500)	Hot			

Economy: **CHINESE TAIPEI (6)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Froch Enterprise Co Ltd									
	Tou-Liu								
			(stainless steel)						
		(120)	ERW						
Fu Sheng Steel Industrial Corp									
	Kaohsiung								
		(360)	STR						
Gloria Material Technology Corp (formerly Gloria Heavy Industrial Corp)									
	Hsin Ying, Tainan	100							
			(special steel)						
		(100)	EF						
			LF						
		(100)	STR						
Hai Kwang Enterprise						P			
	Chiahsing								
		(550)	STR						
	Kaohsiung	600							
		(600)	EF x 2						
			LF						
		(600)	CC (billet)						
		(250)	STR						
Han Tai Steel & Iron Works Co Ltd.									
		(613)	STR						

Economy: **CHINESE TAIPEI (7)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Jenn An Steel Co Ltd (Chung Hung Steel)							
Kaohsiung						Chung Hung Steel is likely to restart Jenn An Steel's long-idled 300,000 tonnes/year hot-dip galvanising line within 2009. This follows Chung Hung's successful bid for the assets of the cold roller and galvaniser for TWD 4.59bn (USD 140m). Chung Hung had acquired the bad debts of Jenn An in 2007 which allowed the China Steel Corp affiliate to proceed with the acquisition of Jenn An's assets. Jenn An Steel is an affiliate of An Feng Steel whose facilities were also put up for sale by bank creditors after the latter ran into financial trouble. It is located in Kaohsiung city's Hsiao Kang area – near China Steel's works – around 35 km south of Chung Hung's Ciaotou and Gangshan facilities.	SBB 27-Jul-09
	(1200)	Cold					
	(300)	HGL					
Jih Chia Industrial Co Ltd							
Yong-an, Kaohsiung	2						
	(2)	EF					
Kai Ching Industry Co Ltd							
Kaohsiung							
	(90)	Ptg					
Kao Hsing Chang Iron & Steel					P		
Kaohsiung and Pintung							
	(600)	Cold					
	(120)	SAW					

Economy: **CHINESE TAIPEI (8)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Kuei Hung Industrial Co							
Changhua	840						
	(840)	EF x 2					
	(500)	STR x 5					
		ERW					
Li-Chong Steel & Iron Works					P		
Chia-Yi Hsien	70						
	(70)	EF					
	(80)	CC (billet)					
	(100)	STR					
		WR					
LoToun Steel (Lo Tung Steel & Iron)							
Yilan country			700	(Firm)	2010	LoToun Steel will start test runs on a new 80t EAF in the first quarter of 2010. As a second phase, the company plans to install a rolling mill.	NET
		STR	(700)	EF			
				CC			
				STR			
Lung Ching Steel Enterprise					P		
Kaohsiung	450						
	(450)	EF					
	(350)	WR					

Economy: **CHINESE TAIPEI (9)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Nan Lung Steel & Iron Corp							
Kaohsiung	12						
	(12)	EF					
	(12)	LF					
	(30)	STR					
	(60)	Plate					
Ornatube Enterprise					P		
Kaohsiung Hsien							
	(480)	Cold x 2					
	(240)	HGL					
		ERW					
Others							
	657						
Quintain Steel Co Ltd					P		
Tainan							
	(400)	WR					
San Wu Steel Industrial Co Ltd							
Shen-Kang Shiang							
	(60)	STR					

Economy: **CHINESE TAIPEI (10)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Shang Shing Steel Industrial Co Ltd							
Kaohsiung							
		Hot					
		Cold					
		HGL					
	(300)	Ptg					
Sheng Yu Steel (SYSCO)					P		
Kaohsiung							
	(650)	CAPL					
	(650)	Cold x 2					
	(500)	HGL x 2					
	(210)	Ptg x 2					
Shyeh Sheng Fuat Steel & Iron Works					P		
Kaohsiung	720						
	(720)	EF					
	(720)	CC (billet)					
	(660)	STR					
Suanchin Steel Industry Co.					P		
Taipei	100						
	(100)	EF					
		CC					
		STR					
Ta Chen Stainless Pipe Co Ltd							
Jeng-The, Tainan							
		(stainless steel)					
	(45)	ERW					

Economy: **CHINESE TAIPEI (11)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Tai Lung Steel Manufacturing Co Ltd.							
Taipei							
		EF x 2					
		STR x 2					
Tang Eng Iron Works Co Ltd							
Stainless Steel Plant, Kaohsiung	320					Chinese Taipei's Fair Trade Commission (FTC) rejected the merger application on Tang Eng Iron Works Co by Yieh United Steel Corp (Yusco) on 13 May 2009. As Yusco's proposal is to take over 34 percent shares in Tang Eng, FTC said, if the merger succeeds, the combined company would take at least 50 percent of the market in Chinese Taipei, which would undermine market competition. Yusco and Tang Eng are the top two producers of stainless steel in Chinese Taipei and the two companies are competitors. The former is the largest integrated stainless steel mill in Southeast Asia, while the latter is the oldest steel company in Chinese Taipei, also a state-owned enterprise under the Ministry of Economic Affairs until July 2006.	NET 14-May-09
		(stainless steel)					
	(320)	EF x 2					
		AOD					
	(60)	CC (billet)					
	(260)	CC (slab)					
	(340)	Hot					
	(257)	Cold (stn) x 3					
Ton Yi Industrial Corp					P		
Yung Kang City, Tainan Hsien							
	(1000)	Cold					
	(300)	Tin Plate					
Tong Shen Steel & Iron					P		
Taipei	180						
	(180)	EF					
		CC					

Economy: **CHINESE TAIPEI (12)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Tung Gen Steel Mfg Co Ltd							
Tao Yuan							
	(120)	STR					
Tung Ho Steel Enterprise					P		
Kaohsiung							
	(730)	STR x 2					
Miao-Li	1200						
	(1200)	EF					
	(1200)	CC					
	(960)	STR					
Taoyuan	500		500	(Firm)	2010	Trial production is continuing at Tung Ho Steel's new Guanyin steelworks in Taoyuan county. Its rolling mill is likely to commission in June 2010. The works houses an EAF-based melting and casting shop capable of producing 1m t/y of billets. It also hosts 800,000 t/y rolling capacity for rebars and other long products. The Guanyin works will replace Tung Ho's Bade plant – located about 20 km southeast of Guanyin – which has the capacity to produce around 500,000 t/y of billet and 600,000 t/y of rebars. The Bade works is currently still in operation and is expected halt production in August or September 2010.	SBB 09-Jun-10 SBB 06-May-10 SBB 04-Mar-10 SBB 28-Jul-09
	(500)	EF x 2	(1000)	EF			
	(500)	CC (billet)	(1000)	CC			
	(600)	STR x 2	(800)	STR			
Tung Mung Development Co Ltd					P		
Tainan Hsien							
	(150)	Cold (stn) x 2					

Economy: **CHINESE TAIPEI (13)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Walsin Lihwa Corp					P		
Hsin Chuang plant							
	(16)	STR					
Yen Shui plant	350		50	(Firm)	2011	Chinese Taipei's Walsin Lihwa Corp will start building a 400,000 tonnes/year pickling facility for stainless hot rolled coil in west-central Taichung by the end of this year with a view to completing construction by 2013. Walsin has 350,000 tonnes/year melting capacity at its Yen Shui works in southern Chinese Taipei, which is now undergoing a revamp to further boost capacity to 400,000 t/y by 2011.	SBB 10-Jun-10 SBB 04-May-10 SBB 16-Dec-09 SBB 25-Nov-09 SBB 21-Oct-09
		(stainless steel)					
	(350)	EF	(50)	EF			
	(350)	CC (billet)	(400)	Cold (stn)			
	(140)	WR					
	(12)	STR					
Wei Chih Steel Industrial Co Ltd							
Tainan	700						
	(700)	EF					
	(700)	CC (billet)					
		STR					
Yieh Hsing Enterprise (E United Group)					P		
Chiao Tou Hsiang, Kaohsiung Hsien							
		(stainless steel)					
	(200)	WR					

Economy: **CHINESE TAIPEI (14)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Pingnan			(600)	(Unlikely)		Chinese Taipei's Yieh Hsing Enterprise commissioned its 300,000 tonnes/year wire rod and rebar plant in Pingnan in southern Pingtung county in April 2010. After being stopped in mid-2001 when the company ran into financial difficulties, the Pingnan plant was restarted in September 2009 with commissioning planned for the second quarter of 2010. Meanwhile, there has been little progress with the company's plans to build a meltshop in Pingnan to produce billets as feed for its wire rod mills. Yieh Hsing has had a Danieli meltshop on order but the project is at a standstill because of prolonged talks with local environmental authorities.	SBB 15-Feb-10 SBB 11-Sep-09
	(300)	WR	(600) (600)	EF CC (billet)			
Yieh Phui Enterprise Co Ltd (E United Group)					P		
Kaohsiung works and Pintung works				(Possible)	2009	Chinese Taipei's Yieh Phui Enterprise Co is building a 120,000 t/y colour-coating line at its Kaohsiung works in southern Chinese Taipei. The colour-coating facility is expected to be completed in the fourth quarter of 2009, raising Yieh Phui's colour-coating capacity to 470,000 t/y.	SBB 03-Jul-08
	(1010) (1020) (1000) (350)	CAPL x 2 Cold x 4 HGL x 4 Ptg x 3	(120)	Ptg			

Economy: **CHINESE TAIPEI (15)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Yieh United Steel Corp -Yusco- (E United Group)					P		
Kaohsiung	1000	(stainless steel) (1000) EF x 2 AOD x 2 (1000) CC x 2 (950) Hot (550) Cold (stn) x 3				Chinese Taipei's Fair Trade Commission (FTC) rejected the merger application on Tang Eng Iron Works Co by Yieh United Steel Corp (Yusco) on 13 May 2009. As Yusco's proposal is to take over 34 percent shares in Tang Eng, FTC said, if the merger succeeds, the combined company would take at least 50 percent of the market in Chinese Taipei, which would undermine market competition. Yusco and Tang Eng are the top two producers of stainless steel in Chinese Taipei and the two companies are competitors. The former is the largest integrated stainless steel mill in Southeast Asia, while the latter is the oldest steel company in Chinese Taipei, also a state-owned enterprise under the Ministry of Economic Affairs until July 2006.	NET 14-May-09
Yuan Long Stainless Steel Corp					P		
Kaohsiung		(stainless steel) (130) Cold (stn) x 2 CAPL					

Country: **INDIA**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Aaress Iron & Steel Ltd (MSPL group)					P		
Koppal, Karnataka			1200	(Possible) BF LD CC (billet) WR	2010	Aaress Iron & Steel Ltd (AISL), under iron ore miner MSPL, is setting up a 5 million tpy steel plant in Koppal, Karnataka state, northern India. Construction has begun on the first phase of 1.2 million tpy, to be completed by December 2010, launching the production of alloy steel grade billet and wire rod. The company will use the BF-BOF route for steelmaking. The company plans two additional phases to take capacity to 5 million tpy by 2013. AISL will buy its iron ore from parent company MSPL, one of the largest private iron ore miners in India. Southern India-based MSPL produces around 6 million tpy of iron ore, most of which is exported.	MB 08-Oct-08 SBB 13-Oct-08
Adhunik Group					P		
Adhunik Corporation (Durgapur, West Bengal)	200	DR EF WR					SBB 10-Dec-09
Adhunik Metaliks Ltd (Rourkela, Orissa)	450 (150) (180) (450) (450)	(special steel) DR BF EF CC (billet) STR WR	(150)	(Possible) DR	2009-10		NET

Country: **INDIA (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Integrated steel mill project in Karnataka			(2200) (2200)	(Unlikely) Steelmkg	-2015	Adhunik Metaliks signed a memorandum of understanding with the government of Karnataka to set up a green field steel plant at Deosugur village in Raichur district. The plant will have a total capacity to produce 2.2 million tonnes of steel per annum and will be providing employment to about 5,000 persons directly and indirectly. It also plans to set up a 220 MW power plant for captive purpose. The company plans to invest INR 55.68 billion in this project. Adhunik Metaliks expects the steel plant to be operational within five years. This will be Adhunik Metaliks second steel plant in the country.	GURU 05-Jun-10
Integrated steel mill project in West Bengal			(1100) (1100) (1100)	(Unlikely) DR EF CC (billet) CC (slab)	2012 (1st phase)	India's Adhunik Corp is planning a 1.1m tonnes/year integrated steel plant in the Purulia district of the eastern state of West Bengal. First phase commissioning is scheduled for the first quarter of 2012. Under the project's first stage, the Kolkata-headquartered company will set up a 500,000 t/y coal-based DRI plant. The DRI will be fed into an electric arc furnace, with the resultant crude steel cast into square and round billets in a three-strand billet caster. The billets would be used internally for downstream production of Thermo Mechanically Treated rebars, rounds and wire rods for domestic and export sale. In a second phase, Adhunik hopes to add a further 600,000 t/y of DRI capacity, another electric arc furnace and more casters for billets as well as slabs for hot rolled coil and sheet production to increase finished steel capacity to 1.1m t/y. It will need another 931 hectares for the entire 1.1m t/y capacity.	SBB 10-Dec-09
Akay Rolling Mills Pvt Ltd New Delhi		(42)		Rolling	P		

Country: **INDIA (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Ambica Steels Ltd							
Ghaziabad district	80	(stainless steel)					
	(80)	EF					
	(80)	AOD					
		LF					
		CC (billet)					
		STR x 2					
AML Steel Ltd					P		
Integrated steel mill project in Jharkhand			(2000)	(Unlikely)		AML Steel proposes to set up an integrated steel plant at Jharkhand. When all the proposed three phases are completed, the plant will have a capacity of 2 million tpy. A memorandum of understanding was signed with State of Jharkhand wherein Government will allocate iron ore mines as well as coal mines.	GURU 12-Feb-06
			(2000)	Steelmkg			NET
							HP
Karaikal plant	28						
	(28)	IF					
Pondicherry plant	45						
	(45)	IF					
Aparant Iron and Steel Pvt Ltd (Dempo group)					P		
Panaji, Goa							
	(160)	BF					

Country: **INDIA (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Apeejay-Surrendra Group					S/P		
Durgapur	500						
	(150)	BF (mini)					
	(500)	LD					
	(500)	CC					
	(300)	WR					
Apex Tubes Pvt Ltd							
District Alwar, Rajasthan							
		ERW					
ArcelorMittal steel mill projects					P		
Jharkhand			(3000)	(Unlikely)	2014 (1st phase)	ArcelorMittal is delaying by two years its 12 million tpy each steel projects in India's Orissa and Jharkhand states, according to local reports. The first phase of each project has been halved to 3 million tpy with first production pushed back two years to 2014, ArcelorMittal India CEO told press in New Delhi. This was due to slowing global demand, and delays in getting land and ore leases. The company has not managed to acquire any land for its project in Orissa and only about 1,000 acres of the 10,000 acres needed for the project in Jharkhand. Other than some iron ore concessions in Jharkhand, it has also not seen much progress in its applications for iron ore mining leases.	MB 17-Apr-09 MB 27-Sep-07
				BF LD			

Country: **INDIA (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Karnataka			(6000)	(Unlikely)		ArcelorMittal's lack of progress since 2005 with the two 12 million tpy mills that it proposes to build in Orissa and Jharkhand has made the company keen to look for other opportunities in India. ArcelorMittal signed a Memorandum of Understanding (MoU) with the government of the south Indian state of Karnataka on 3 June 2010 to build a 6m tonnes/year integrated steel mill in the iron ore rich region of Bellary in the state. The plant will entail an investment of nearly INR 300bn (USD 6.4bn).	SBB 04-Jun-10 SBB 04-Feb-10 SBB 07-Jan-10 MB 17-May-10 MB 24-Nov-09
			(6000)	Steelmkg			
Orissa			(3000)	(Unlikely)	2014 (1st phase)		MB 17-Apr-09 MB 27-Sep-07
				BF LD			
Arvind Pipes & Fittings Industries Pvt Ltd							
Baroda, Gujarat							
		ERW SMLS					
Atlas Steel Tube Industries					P		
Bawal, District Rewari, Haryana							
	(50)	ERW x 2 Cold					
AV Alloys Ltd							
Medak district, Andhra Pradesh	1						
	(1) (1)	IF STR					

Country: **INDIA (6)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
AVN Tubes Ltd							
Bhind District							
	(150)	ERW x 3					
Bhandari Foils & Tubes Ltd							
Dewas, Madhya Pradesh							
		(stainless steel)					
	(20)	Cold x 4					
	(18)	SMLS x 12					
Bhansali Bright Bars Pvt Ltd					P		
Bhansali Stainless							
	(5)	WR					
Bharat Heavy Electricals Ltd					S		
Tiruchirapalli							
	(56)	SMLS x 3					
Bhartia Bright & Seamless Steels Ltd							
Calcutta							
		(stainless steel)					
		SMLS					
Bhiwadi Metal Rollwell Pvt Ltd					P		
Alwar, Rajasthan							
	(36)	Cold (stn)					

Country: **INDIA (7)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Bhushan Power & Steel Ltd (BPSL)							
Chandigarh	300						
		Steelmkg					
		LF					
		CC					
		STR					
	(200)	WR					
		Cold					
Cold rolling mill project in western India				(Unlikely)		Bhushan Steel & Power (BPSL) is planning to build a 500,000 tpy automotive grade cold rolling mill on India's west coast. The plant will have an initial capacity of 300,000 tpy, rising to 500,000 tpy following upgrades and further development at an estimated cost of around USD 445 million, Sharma said. Two sites for the mill have been shortlisted: one in Gujarat state and one in Maharashtra state, both in western India. The cold rolling mill's site will be finalised at the end of April, with completion expected within 18 months after building work begins.	MB 30-Mar-10 SBB 29-Mar-10
			(500)	Cold			

Country: **INDIA (8)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
	Jharkhand project			(3000)	(Unlikely) BF Steelmkg Plate Hot STR			Bhushan Power & Steel Ltd (BPSL) is working to acquire land for its proposed 3m tonnes/year integrated steelworks near Jamshedpur in the eastern state of Jharkhand. BPSL intends this works to produce hot rolled coils and plates, as SBB reported in September 2008. The firm requires a minimum of 607 hectares for the project but, faced with local resistance and delays, has been able to acquire only 162 hectares so far. However, anticipating that the remaining land will be quickly secured, BPSL has begun negotiations with plantmaker Paul Wurth for a 1,700 cubic metre blast furnace. The steelmaker also expects to place an order shortly for a 500,000 t/y rolling mill that will produce 60-250mm diameter bars.	SBB 05-Apr-10 SBB 16-Sep-08
	Kolkata		Cold HGL ERW	(3000)					

Country: **INDIA (9)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
	Orissa	1500		1500	(Firm)		2010-12	Bhushan Power & Steel Ltd (BPSL) expects to triple hot rolled coil production capacity to 2.4m tonnes/year by June 2010 at its integrated steelworks in the eastern state of Orissa. At Sambalpur near Jharsuguda BPSL currently operates a 1.2m t/y compact strip process (CSP) facility with one caster and five rolling stands, supplied by SMS Siemag. It is producing only 800,000 t/y HRC but SMS engineers are now installing a second casting strand and adding a sixth rolling stand to lift output. These modifications are scheduled for completion by June and will increase the plant's HRC capacity to 2.4m t/y, company officials tell Steel Business Briefing. The works has two 100-t electric arc furnaces and a caster that produces 400,000 t/y of billets for wire rods and bars. Two more EAFs will be commissioned by June and a fifth EAF by December 2010. A 700,000 t/y cold rolling and coil-coating complex, supplied by Belgian equipment manufacturer CMI, will be commissioned in two stages – one in June and another in December. This includes facilities for cold rolling, galvanizing, galvalume, colour-coating and tube production. A 500,000 t/y wire rod and bar-in-coil mill, supplied by Italy's Danieli, is being erected and will also be commissioned by December, SBB is told. It will produce 16-80mm bars and 5-22mm rods. By early 2011, the Sambalpur works is expected to attain a final capacity of 2.8-3m t/y, producing about 2.2m t/y of HRC and 800,000 t/y of long products. BPSL has also placed an order with Paul Wurth for a 1.3m t/y blast furnace with a working volume of 1,494 cubic metres, which will be commissioned by March 2012.	SBB 21-Apr-10 SBB 01-Feb-10 SBB 12-Mar-09 SBB 28-Mar-09 SBB 27-Mar-09
		(680)	DR		DR				
		(700)	BF	(1300)	BF				
		(1500)	EF	(1500)	EF				
			CC (billet)		CC (billet)				
		(1200)	CC (tsc)	(1200)	CC (tsc)				
		(1200)	Hot	(1200)	Hot				
				(700)	Cold				
					HGL				
				(500)	WR				

Country: **INDIA (10)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Bhushan Steel Ltd (formerly Bhushan Steel & Strips)					P		
Jharkhand project			(3000)	(Unlikely)		Land acquisitions for Bhushan Steel's proposed 3m t/y integrated plant in Jharkhand are still some way off, with the land being finalized with the government.	SBB 20-Nov-08
			(3000)	Steelmkg			
Karnataka project			(6000)	(Unlikely)		Bhushan Steel Ltd (BSL) has announced its plans for building an integrated steelworks in the southern state of Karnataka. With the support of the Karnataka government, BSL hopes to complete land acquisition within 8-10 months for its proposed 6m t/y steelworks at Bellary.	SBB 18-May-10 SBB 12-Mar-10
			(6000)	Steelmkg			
Khopoli plant, Munbai							
	(425)	Cold					
	(240)	HGL					
	(80)	Ptg					

Country: **INDIA (11)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Maramandali plant, Dhenkanal, Orissa	3000		3000	(Possible)	2012	India's Bhushan Steel Ltd (BSL) commissioned the first phase of its first integrated steel works in Orissa, with the commissioning of a hot strip mill on 24 March 2010. The hot strip mill is designed to produce 5m tonnes/year of hot rolled coils up to 1,700mm wide and 1.2-25.4mm thick. The mill will eventually produce 1m t/y of auto-grade sheets using technology from Sumitomo Metal Industries. In November 2009, BSL commissioned a 1,680 cubic metre blast furnace, a 2.5m t/y twin-shell _Conarc' furnace supplied, and a single-strand caster. The blast furnace has the capacity to produce 2.5m t/y of hot metal and was first commissioned without burden in November though it did not commence operations immediately and underwent a series of tests before being formally lit on 3 May 2010. This is fed to the electric furnace along with sponge iron from BSL's existing 300,000 t/y DRI plant at Dhenkanal. The company is also installing a second blast furnace at the site as part of the second 3m t/y stage of the venture. Supplied by Paul Wurth, the blast furnace has a capacity of 3,800 cu m. BSL is developing its Orissa project in two 3m t/y stages. The first phase was completed in late March while the second phase is scheduled for commissioning by mid-2012.	SBB 12-May-10 SBB 29-Mar-10 SBB 01-Dec-09 HP
	(680)	DR x 4		Steelmkg			
	(1250)	BF					
		EF x 2					
		IF x 6					
		LF x 4					
	(2500)	CC (slab) x 2					
	(500)	CC (billet) x 2					
	(2500)	Hot					
Sahibabad plant, Delhi							
	(475)	Cold					
	(225)	HGL					

Country: **INDIA (12)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
West Bengal project			(6000)	(Unlikely)		India's Bhushan Steel Ltd (BSL) is planning a new 500,000 tonnes/year cold rolling mill in Kolkata in the eastern state of West Bengal to commission by 2012. The facility will also host an annealing and pickling line as well as a 350,000 t/y hot-dip galvanizing line. BSL will invest a total of INR 8bn (USD 172m) in the plant. In addition, BSL is planning a 6m t/y greenfield integrated steel mill in Asansol – also in West Bengal – to produce auto grade steel. It is currently in talks with Japan's Sumitomo Metal Industries about taking a financial stake in the project.	SBB 16-Dec-09
			(6000)	Steelmkg			
			(500)	Cold			
			(350)	HGL			
Bihar Sponge Iron Ltd							
Chandil, Bihar							
	(150)	DR (SLRN)					
BP Steel Industries Pvt Ltd							
Maharashtra							
		(stainless steel)					
	(10)	STR					
Brahmani Industries Ltd (GJR Group)							
Andhra Pradesh			(2500)	(Unlikely)		India's JSW Steel is examining an offer to take over Brahmani Industries' delayed steel plant project at Kadapa in the southern state of Andhra Pradesh. Brahmani announced plans to build a 2.5m tonnes/year steelworks at Kadapa in early 2007. About 50% of the construction of the first 1.25m t/y phase has been completed, the JSW official told SBB without divulging further details.	SBB 20-Apr-10 MB 22-Jul-08
			(2500)	Steelmkg			

Country: **INDIA (13)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Karnataka			(1900)	(Unlikely)		Brahmani Industries will invest around INR 360 billion (USD 7.645 billion) for the construction of new steel plant with a capacity of 6 million tpy. The plant will come up in two phases at the Vijayanagar Development Authority in Bellary, Hospet and Sandur taluks. In the first phase, they hope to set up a 68 MW captive power plant and a 1.9 million tpy capacity steel plant. This is the second integrated steel plant planned by the Reddys after their INR 25,000 crore Kadapa plant in Andhra Pradesh with a capacity of 4.3 million tpy to be scaled up to 10 million tpy by 2017. Once commissioned, the two plants together in their full capacity could generate 16 million tpy.	GURU NET 07-Jun-10
			(1900)	Steelmkg			
Bright Bar Manufacturing Co							
Gujarat							
		(stainless steel)					
		STR					
British Super Alloys Ltd (Kanoi Group)							
Mehsana, Gujarat							
		(stainless steel)					
		IF					
		AOD					
		CC (billet)					
		STR x 2					
Caparo Tubes India (formerly Steel Tubes of India Ltd)					P		
Dewas, Madhya Pradesh							
	(28)	ERW					

Country: **INDIA (14)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Chandan Steel Ltd							
Umbergaon, Gujarat	90	(stainless steel) (90) IF AOD LF (90) CC (billet) (40) SLM x 2 (57) STR x 2				Indian special steels producer Chandan Steel is postponing the launch of a new 50,000 tonnes per annum steelmaking equipment, initially planned for November or December 2008 for another 6 to 12 month. The equipment has been supplied by a European plant maker. A company official said that installation of the equipment has been now complete at 90%, but due to adverse market conditions the company has decided to put off the start up of the new facility. The expansion project of Chandan Steel envisages commissioning of the second 25 tonnes induction furnace and billet conticaster. Their start up will allow increasing steelmaking capacity from about 40,000 to 90,000 tonnes per annum. Also, the new conticaster will enlarge the maximum size of square billet, produced by Chandan Steel, to 300mm.	GURU 25-Oct-08
Charminar Steels Ltd							
Secunderabad	10	(10) IF (30) STR					
China's Sinosteel's steel mill project							
Jharkhand			(5000)	(Unlikely) (5000) Steelmkg	2015	Chinese trading house Sinosteel's 5 million tpy greenfield steel project in Jharkhand, India, has been delayed as the government has not allocated the land needed, said a source close to the company. Sinosteel had initially expected to finalise the integrated steel plant's location in 2007. Sinosteel had envisaged a first-stage capacity of 1.8 million tpy, expanding to 5 million tpy in eight years.	MB 23-Jan-09 MB 09-May-07

Country: **INDIA (15)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
West Bengal JV			(1000)	(Unlikely)	2011	Chinese trading house Sinosteel plans to commission a 1 million tpy steel plant in India's West Bengal state by 2011 in a 50:50 joint venture with an Indian party. The plant is to produce long products first and later on, flat products, with Sinosteel supplying the plant machinery and technology, and marketing the output.	MB 20-Feb-09
			(1000)	Steelmkg			
Chitrakoot Speciality Tubes Ltd							
Ardak Dist, Andhra Pradesh							
		(stainless steel)					
	(3)	ERW x 3					
Choksi Tube Co Ltd							
Gujarat							
		(stainless steel)					
		SMLS x 4					
Chowgule and Company Private Limited							
Goa				(Unlikely)		Kobe Steel of Japan is in discussions with India's Chowgule Group with an eye to concluding its first contract for a commercial-scale plant employing its ITmk3 iron-making process.	SBB 26-Oct-09
				DR			SBB 24-May-07

Country: **INDIA (16)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Corporate Ispat Alloys Ltd (formerly Rajinder Steel)					P		
Chhattisgarh	400					Indian special and alloy steel longs producer Jayaswal Neco Industries Ltd (JNIL) became an integrated steel producer on 24 November 2009 when its board approved the merger of the various units that it was operating on lease. The board approved the consolidation of the sintering, steel melting and rolling facilities of Inertia Iron & Steel Pvt Ltd (IISPL), retrospectively effective from 31 March 2008. It also approved the merger of a 130,000 tonnes/year DRI unit belonging to Abhijeet Infrastructure Ltd and a plant from Corporate Ispat Alloys Ltd (CIAL) respectively, from 1 April 2008. JNIL received clearance for the merger from the Bombay High Court on 13 November 2009.	SBB 26-Nov-09
	(400)	EF					
	(400)	CC (slab)					
	(300)	Hot					
Integrated steel plant project in Jharkhand			500	(Firm)	2010	Corporate Ispat Alloys Ltd (CIAL), part of the Abhijeet Group, started the first phase of its integrated steel plant project in Seraikela-Kharsawan district of Jharkhand. CIAL had signed a MoU with the state government for setting up a 2.5 million tonne per annum integrated steel plant in Seraikela-Kharsawan district. CIAL hopes to start production of 0.5 million tonne steel in the first phase in the next 1 year.	GURU 29-Jun-09
			(500)	Steelmkg			
Denholm Steels Ltd							
Maharashtra							
	(75)	ERW					

Country: **INDIA (17)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Devi Metal Technologies							
District Solan, Himachal Pradesh	10						
		(stainless steel)					
	(10)	Steelmkg					
	(60)	Hot					
	(36)	Cold					
Eastcoast Steel Ltd							
Pondicherry	100						
	(100)	EF					
	(100)	LF					
		CC (billet)					
Electrosteel Castings Ltd					P		
	(235)	BF					

Country: **INDIA (18)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Electrosteel Integrated Ltd					P		
Bokaro district, Jharkhand			1470	(Possible)	2010-2011	India's Electrosteel Integrated is on track to commission its 2.2 million tpy integrated steel plant in Jharkhand state by fiscal year 2010-11. The project in Chandankyari, which will include a 1,050 cu metre blast furnace and a 300,000 tpy coke oven plant, is estimated to cost around INR 72 billion (USD 1.5 billion). It is expected to produce 700,000 tpy of billet, 500,000 tpy of wire rod and 300,000 tpy of ductile iron pipe. The remaining 700,000 tpy of liquid steel will be used either for pig iron or additional merchant billet production. The company has acquired 1,500 acres of land for the project and has coking coal mines at Jharia. Electrosteel Integrated, promoted by Electrosteel Castings, produces around 250,000 tpy of pipe from its two cast iron spun pipe plants at Khardah near Kolkata in West Bengal and Elavur near Chennai in south India.	MB 29-Jul-09
			(2200)	BF			
			(1470)	LD			
			(1470)	CC (billet)			
			(700)	WR			
			(500)	STR			
Ellora Steels Ltd							
	54						
	(54)	EF					
	(62)	STR x 2					
Essar Steel					P		
Hazira Pipe Mill Ltd							
	(600)	SAW x 2					
Hazira Plate Mill Ltd						The Hazira Plate mill Ltd (HPL) is a 76:24 joint venture between Essar Global and Stemcor of UK and will have a capacity of 1.5 million tpy.	MB 18-Jun-09
	(1500)	Plate					

Country: **INDIA (19)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Hazira, Gujarat	4600		4900	(Firm)	2010	Essar Steel will commission a 3.5 million tpy compact strip mill at its Hazira steel plant at Gujarat in Western India by October 2010. Essar will also be able to produce 3.4 million tpy of slab to feed the hot strip mill from two Corex furnaces and one blast furnace which are close to commissioning. The commissioning of the furnaces will take the Hazira plant's total steel capacity to 9 million tpy. Meanwhile, Essar's 1.5 million tpy wide plate mill has started, and is producing 4,950mm plate. A large part of the plate production will feed its 650,000 tpy pipe mill. Essar has already set up two helical submerged arc welded (SAW) pipe mills and is now in the process of completing its longitudinal SAW pipe mill, which is to be commissioned by June-July.	MB 01-Apr-10 MB 07-Aug-09 MB 13-Mar-09 SBB 03-Nov-08 SBB 11-Sep-08
	(5100)	DR (MIDREX) x 4	(1700)	DR (MIDREX)			
	(4600)	EF (DC) x 3	(1750)	BF			
		LF x 3	(1740)	Corex x 2			
	(4600)	CC (slab) x 3	(4900)	EF			
	(3600)	Hot	(3500)	CC (tsc)			
	(1400)	CAPL x 2	(1400)	CC (slab)			
	(1200)	Cold	(3500)	Hot			
	(500)	HGL x 2					
Integrated steel mill project in Chhattisgarh			(3200)	(Unlikely)		The Essar group had earlier announced setting up a 3.2-million-tonne greenfield steel plant in Bastar district, Chhattisgarh. The company intends to set up the plant in two phases of 1.6 million tonne each involving a total investment of around INR 6,000 crore.	BL 13-Jan-07 SBB 28-Aug-07
			(3200)	Steelmkg			
Integrated steel mill project in Jharkhand			(6000)	(Unlikely)		Essar Steel has decided to shift its proposed steel unit from Chaibasa because of continued protests against land acquisition in the West Singhbhum district headquarters for the past three years. The company has now selected three places in Seraikela-Kharsawan district to set up its 6 million tpy steel plant. The company requires about 2,500 acres for setting up its steel unit and another 2,000 acres for power plant under Essar Power (Jharkhand) Limited. Essar Steel signed an MoU with the state government in 2005 to invest INR 20,000 crore in steel and power sectors.	TG 17-Jul-08
			(6000)	Steelmkg			

Country: **INDIA (20)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Integrated steel mill project in Karnataka			(6000) (6000)	(Unlikely) Steelmkg		Essar Steel has signed a memorandum of understanding with the government of Karnataka in southern India to set up a 6 million tpy steel plant. Essar's proposed project will have an initial capacity of 3 million tpy in a first phase which will include a pellet plant and coke ovens. The official said the project will be feasible only if the government provides access to captive iron ore mines. The official said that no date to start the project has been finalised yet. Essar Steel currently has a production capacity of 4.6 million tpy at Hazira in the western Indian state of Gujarat where the capacity is being enhanced to 9 million tpy. Essar also operates an 8 million tpy beneficiation plant at Bailadila in the state of Chhattisgarh and an 8 million tpy pellet plant at Visakhapatnam in Andhra Pradesh.	MB 10-Feb-09 SBB 12-Feb-09
Integrated steel mill project in Orissa			(6000) (6000)	(Unlikely) Steelmkg		The first phase of the 6 million tonnes integrated steel complex of Essar Steel at Paradeep in Orissa is likely to be commissioned by March 2010. The first phase envisages an investment of INR 2,249 crore and comprises of the construction of 8 million tonne beneficiation plant at Joda, 6 million tonne pellet plant at Paradeep and construction of 253 km of slurry pipeline from Joda to Paradeep. The next phase will comprise an integrated steel plant of 6m tpy capacity at Paradeep along with support and auxiliary facilities.	BS 11-Apr-09 HP
Pune, Maharashtra (formerly Shree Precoated Steels Ltd)	(600) (500)	Cold HGL				Indian integrated flat steel producer, Essar Steel Ltd, completed the acquisition of Shree Precoated Steels Ltd, a producer of cold rolled, galvanized and colour coated steel on 30 October 2009 paying nearly INR 12bn (USD 258m).	SBB 13-Nov-09

Country: **INDIA (21)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Facor Steels Ltd (Facor Group)					P		
Nagpur, Maharashtra			(500)	(Unlikely)		Facor Group, a major producer of chrome ore, chrome, and manganese alloys in India, is planning construction of a 500,000 tpy stainless facility in Orissa, next to its existing ferro-chrome plant.	MB 29-Apr-08
	(60)	EF	(500)	Steelmkg			
	(25)	AOD					
		LF					
		CC					
	(80)	STR x 2					
Gangotri Iron & Steel Co Ltd							
Bihar	120			(Possible)	2011	Indian rebar maker Gangotri Iron & Steel Co (Gisco) aims to backward integrate by building a 100,000 tonnes/year sponge iron plant in Jharkhand. Gisco expects to begin construction by July 2010. The plant will entail an investment of INR 1bn (USD 22.5m) and is scheduled for commissioning by July 2011.	SBB 16-Apr-10
	(120)	IF	(100)	DR			
	(120)	CC (billet)					
	(133)	STR					
Gemini Steel Tubes Ltd							
Bangalore Rural District							
	(24)	ERW x 2					
GKW Ltd							
Titilagarh, Orissa	162						
	(162)	EF					
	(175)	STR x 2					
GL Engineering Industries Pvt Ltd							
Maharashtra							
		(stainless steel)					
		STR					

Country: **INDIA (22)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Goldstar Steel & Alloys Ltd							
Mallividu, Andhra Pradesh							
	(220)	DR (Codir) x 2					
Gopal Group							
Delhi	120					Allied Holdings Pvt Ltd, Gopal Udyog Ltd and Parvati Ltd are part of the Gopal Group.	
		(stainless steel)					
	(120)	IF					
		AOD					
		CC (bloom)					
		STR					
Graham Firth Steel Products (India) Ltd							
Maharashtra							
	(27)	Cold x 3					
Mumbai							
	(16)	Cold x 3					
Grand Foundry Ltd					P		
Maharashtra							
		(stainless steel)					
		STR					
Gujarat NRE Coke Ltd					P		
Kutch, Gujarat	311						
	(311)	Steelmkg					
	(311)	CC (billet)					
	(311)	STR					

Country: **INDIA (23)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
H.L. Nathurmal							
New integrated steel mill project in Karnataka			(1000)	(Unlikely)	2012-2013	Indian iron ore miner H.L. Nathurmal, headquartered in Goa, is planning to build an integrated steelworks in the southern state of Karnataka by 2012-13. It plans to make 1m t/y of bars and wire rods in equal quantities, for sale in the local construction market and export to Africa. Nathurmal produces 50% Fe iron ore fines and lumps at its two mines in Arvalem and Vantem, Karnataka. This is beneficiated to 58-58.5% Fe to produce 2m tonnes/year of saleable ore. The mined ore with a Fe content of less than 50% is dumped, and Nathurmal has accumulated a large quantity of such material which it plans to beneficiate to 62% Fe for use at its prospective steelworks. The construction of the 1m t/y beneficiation plant is due to begin later this year and commissioned by April 2011.	SBB 18-Feb-10
			(1000)	Steelmkg			
Hardcastle and Waud							
Kalyan							
	(50)	Ptg					
Hindustan Foils Ltd							
Delhi							
		(stainless steel)					
	(16)	Cold x 2					
Hisar Metal Industries Ltd							
Hisar, Haryana							
		(stainless steel)					
		CAPL					
	(6)	Cold (stn)					

Country: **INDIA (24)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Hospet Steels Ltd (A Joint Venture of Kalyani & Mukand)							
Gingera, Karnataka	400		(450)	(Unlikely)	2009-2010	India's Kalyani Steel is adding 450,000 tpy of special steel and 750,000 tpy of finished steel capacity at its joint ventures in Karnataka and Andhra Pradesh. The prominent producer of alloy and special steel is upgrading the steel meltshop and mill at its Ginigera plant in Karnataka, a joint venture with Mukand Ltd, after commissioning a 350 cu metre blast furnace that raised hot metal capacity to 700,000 tpy from 250,000 tpy. Kalyani Steel's share of the hot metal would be 300,000 tpy.	MB 09-Sep-08
		BF x 2	(450)	BF			
	(400)	EOF	(450)	Steelmkg			
		CC (billet)					
		CC (bloom)					
		BLM					
India Steel Works Ltd (formerly Isibars)					P		
Special Steel Division (Khopoli, Maharashtra)	50						
		(stainless steel)					
	(50)	EF					
		AOD					
		LF					
		CC (billet)					
		BTM					
	(80)	STR					
		WR					
ISMT Ltd					P		
Steel Plant (Jejuri)	350					In 1995, The Indian Seamless Metal Tubes Ltd launched a new company, Indian Seamless Steels and Alloys Ltd, to produce alloy steel, the raw material used in the manufacture of seamless tubes, giving the company better control over product quality as well as deliveries. In April 2000 The Indian Seamless Metal Tubes acquired Kalyani Seamless Tubes Ltd. In 2005 The Indian Seamless Metal Tubes and Indian Seamless Steels and Alloys merged to form ISMT Ltd.	HP
	(350)	EF					
		LF					
		CC (billet)					
		STR					

Country: **INDIA (25)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Tube Plants (Ahmednagar & Baramati)							
	(450)	SMLS					
Ispat Industries Ltd					P		
Dolvi, Maharashtra	3600		(1400)	(Unlikely)	2011-12	Ispat Industries plans to increase the capacity of the Dolvi plant to 5m t/y by FY 2011, and is set to increase its total capacity to 10m t/y by FY 2013. Its plans include setting up a 2.8m t/y integrated steel plant in the east Indian state of Jharkhand. The company's hot rolled coil capacity was increased by 600,000 tpy to 3.6 million tpy in 2009.	MB 23-Apr-09 SBB 03-Sep-08 SBB 02-Jul-08 SBB 06-Jun-08 HP
	(1600)	DR (MIDREX)	(1400)	Steelmkg			
	(2200)	BF					
	(3600)	EF					
	(3600)	CC (tsc)					
	(3600)	Hot					
Integrated steel mill project in Jharkland			(2800)	(Unlikely)		Ispat Industries signed a Memorandum of Understanding with the Jharkhand government in 2007 for a 2.8 million tonnes/year integrated plant there. Plans also included raising capacity to 5m t/y at a later stage.	SBB 16-Jul-08 MB 15-Jul-08
			(2800)	Steelmkg			
Kalmeshwar, Nagpur, Maharashtra							
	(330)	Cold x 2					
	(325)	HGL x 4					
	(60)	Ptg					
Ispat Profiles Ltd					P		
Maharashtra	250						
	(250)	EF					
		STR					

Country: **INDIA (26)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
IUP Jindal Metals & Alloys Ltd (Jindal Saw & IUP JV)					P		
Bahadurgarh, Haryana	(18)	Cold (stn)				This joint-venture was formed in August 2004 and is dedicated to precision rolling of stainless steel and alloy strips. This new plant has a capacity of around 1,500 tonnes per month and represents a total investment of around USD 18 million. The partnership is shared between Jindal Saw Limited (73%), and Arcelor's fully owned subsidiary IUP (Imphy Ugine Precision) (27%).	
Jai Balaji Industries Ltd					P		
Chhattisgarh project			(1000)	(Unlikely) (1000) Steelmkg		India's Jai Balaji group has signed a memorandum of understanding with Chhattisgarh state to build a 1 million tpy steel plant. The plant will have an initial capacity of 2 million tpy, as well as a 400MW power plant and a 1 million tpy cement plant. The INR 60 billion (USD 1.3 billion) complex would be spread over 1,200 acres.	MB 15-Oct-08
West Bengal project			(2000)	(Unlikely) (2000) Steelmkg	2012	Jai Balaji Industries Ltd (JBIL) plans to raise funds from equity investors for its proposed greenfield steel project in Purulia district, West Bengal. The plant is expected to commission by 2012. The government of the east Indian state of West Bengal allotted 303 hectares of land to JBIL for the first phase of its 5m tonnes/year integrated steel plant. The first phase of the project involving a 2m t/y steel plant requires almost 405 hectares of land. The plant is expected to commission by 2012. The total project will include a 5m t/y integrated steel mill for manufacturing rebars, a 1215 MW captive power plant and a cement plant.	GURU 22-May-10 SBB 31-Dec-08

Country: **INDIA (27)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
West Bengal, Jharkhand, Chhattisgarh	906			(Firm)	2011		HP
		(special steel)					
	(445)	DR	(60)	DR			
	(509)	BF	(300)	STR			
	(433)	EF					
	(473)	IF					
	(260)	STR					
Jai Corp Ltd (Sipta Coated Steels Division)							
Mumbai, Maharashtra							
	(180)	Cold					
	(90)	HGL					
Janki Corp Ltd							
Bellary, Karnataka							
	(180)	DR					
Jayaswal Neco Industries Ltd							
Abhijeet Infrastructure Ltd							SBB 26-Nov-09
	(130)	DR					
Corporate Ispat Alloys Ltd (DRI unit)							SBB 26-Nov-09
	(183)	DR					

Country: **INDIA (28)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Inertia Iron & Steel Pvt Ltd	400	(special steel) (400) Steelmkg (400) STR				Indian special and alloy steel longs producer Jayaswal Neco Industries Ltd (JNIL) became an integrated steel producer on 24 November 2009 when its board approved the merger of the various units that it was operating on lease. The board approved the consolidation of the sintering, steel melting and rolling facilities of Inertia Iron & Steel Pvt Ltd (IISPL), retrospectively effective from 31 March 2008. It also approved the merger of a 130,000 tonnes/year DRI unit belonging to Abhijeet Infrastructure Ltd and a 183,000 t/y plant from Corporate Ispat Alloys Ltd (CIAL) respectively, from 1 April 2008.	SBB 26-Nov-09
Integrated steel mill project in West Bengal			(3200)	(Unlikely) (3200) Steelmkg		Jayaswal Neco Ltd, part of India's Abhijeet group, has signed a memorandum of understanding with the government of West Bengal to build a INR 100 billion (USD 2.5 billion), 3.2 million tpy integrated steel plant in the state.	MB 12-Nov-07
Raipur, Chhattisgarh	400	(255) DR (750) BF (400) EF (125) STR (275) WR	(300)	(Unlikely) (300) Steelmkg		India's Neco Group plans to build a second 1 million tpy steel plant in Raigarh, Chhattisgarh state. The proposed plant will have a 300,000 tpy steel-making unit and a 35MW captive power plant in the initial stage.	MB 04-Aug-09

Country: **INDIA (29)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Jindal Steel & Power Ltd					P		
Angul, Orissa project			1500 (Firm) (1800) (1500) (1500) (1500)	 DR EF CC (slab) Plate	2011-2012	Jindal Steel & Power Ltd (JSPL) has concluded a deal with US-based Midrex Technologies to build a new 1.8m tonnes/year direct reduced ironmaking plant at JSPL's upcoming 6m t/y integrated steelworks in Angul in the eastern Indian state of Orissa. The DRI will be directed by a hot transport conveyor to the new steel melt shop being supplied by Germany's SMS Siemag. JSPL awarded a contract to SMS Siemag in June for the steelmaking plant for its Angul works and a contract for a 1.5m t/y slab caster to Austria's Siemens VAI in November 2009. The slabs will be rolled in a Siemens VAI-supplied 5m-wide plate mill now under construction at Angul. The company hopes to begin constructing the steelworks by January and commission it by mid-2011.	SBB 22-Dec-09 SBB 19-Nov-09 HP

Country: **INDIA (30)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
	Jharkhand project			3000	(Firm)		2010-2012	Jindal Steel & Power Ltd (JSPL) officially inaugurated a 600,000 tonnes/year wire rod mill on 22 April 2010, the first production unit at its upcoming 3m t/y integrated steelworks at Patratu in Jharkhand. Supplied by Tennessee-based Morgan Construction, the wire rod mill was commissioned in January, a senior JSPL official told SBB. By October JSPL plans to commission a 700,000-800,000 t/y rebar mill there, also from Morgan. The steelmaker has also placed an order with Siemens VAI for a 4,109 cu metre blast furnace, scheduled for commissioning by April 2012. Chinese plant builders are supplying the 3m t/y BOF. Output from the steelmaking shop will feed a 1.6m t/y billet caster being supplied by SMS Siemag. The caster is scheduled to commission at Patratu by the beginning of 2012 and will feed the wire rod and rebar mills at the works. JSPL is finalizing plans to install a second caster for the BOF shop‘s remaining 1.4m t/y output to feed a heavy bar mill that JSPL is planning for Patratu. Eventually it also intends to double the works‘ capacity to 6m t/y.	SBB 27-Apr-10 SBB 17-Mar-09
				(3000)	BF				
				(3000)	LD				
				(1600)	CC (billet)				
				(800)	STR				
				(600)	WR				
	Raigarh plant, Chhattisgarh	3000		3000	(Firm)		2010-2011	Jindal Steel & Power Ltd (JSPL) is moving ahead with its plans to expand its integrated steelworks at Raigarh in the central state of Chhattisgarh. JSPL announced last summer that it intends to add another 3m tonnes/year of crude steel capacity. Now the company reveals that the upstream component will consist of a 2m t/y gas-based DRI plant and a blast furnace. Raigarh will also host a 3m t/y steel melt shop. Downstream, JSPL will also introduce a 600,000 t/y medium sections mill from Danieli, that is due for commissioning by June 2010. The DRI unit will come online by March 2011.	SBB 01-Sep-09 SBB 16-Mar-09 HP NET
		(1370)	DR x 10	(2000)	DR				
		(1500)	BF x 2		BF				
		(3000)	EF x 3	(3000)	EF				
			CC (billet)	(3000)	CC (tsc)				
			CC (bloom)		Hot				
			CC (slab)	(600)	STR				
		(750)	STR						
		(1000)	Plate						

Country: **INDIA (31)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
JSL Ltd (formerly Jindal Stainless)					P		
Hisar, Haryana state	720	(stainless steel) (720) EF x 2 AOD x 2 LF x 2 CC (slab) x 2 CC (bloom) (720) Hot x 2 (350) Cold (stn) x 3					
Orissa project			800	(Firm) (stainless steel) (525) BF (800) EF x 2 LF (1600) CC Hot Cold (stn)	2012	India's JSL Ltd has raised INR 2.5 billion (USD 55 million) in equity to fund the stalled second phase of its 800,000 tpy integrated stainless steel plant at Kalinganagar in Orissa state. The second phase of the integrated steel plant was put on hold in early 2009 due to the global economic crisis. Phase two of JSL's integrated stainless steel plant will include an 800,000 tpy steel meltshop, comprising two 100-tonne electric arc furnaces (EAF), and a 525,000 tpy blast furnace. The meltshop and blast furnace are expected to be complete by March 2012. The facility will also have a 150-tonne ladle furnace; a 1.6 million tpy single-strand caster strip mill; and a 265-tonne reheating furnace. The slab caster will be used at full capacity once the SMS reaches its nameplate capacity of 1.6 million tpy in the third phase. JSL will also install an 800,000 tpy capacity cold rolling mill complex. The greenfield project will have cost the company at least USD 1.35 billion once complete. The first phase of the project is complete and includes a 50,000 tpy ferro-manganese furnace and 50,000 tpy silico-manganese furnace and a 150,000 tpy ferro-chrome furnace. The ferro-alloy units are now fully operational.	MB 30-Mar-10 SBB 05-Jan-10

Country: **INDIA (32)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Special Products Division (Hisar)							
	(25)	Cold					
JSW Steel Ltd (Jindal Group)					P		
Integrated steel mill project in Jharkhand			(10000)	(Unlikely)		India's JSW Steel has received the mining lease to an iron and manganese ore deposit in Jharkhand state, where it plans to build a 10 million tpy steel plant. The mines allotted to JSW Steel are estimated to have iron ore reserves in excess of 300 million tonnes with iron content of more than 63%. The plant's facilities will include two coke oven plants of 2.5 million tpy, a 5 million tpy pellet plant, a 500,000 tpy directly reduced iron (DRI) plant, two sinter plants of about 5 million tpy each and four blast furnaces of 4,019 cu metre each. The plant's steel meltshop will have three basic oxygen furnaces, three ladle furnaces and three RH-OB degassers of 360 tonne each with a 10 million tpy slab caster. JSW also has plans for two hot strip mills of 5 million tpy each at the plant. However, the project has been delayed due to difficulties in acquiring land.	MB 23-Sep-08 MB 02-Sep-08 SBB 05-Oct-09
				DR			
			(10000)	BF x 4			
			(10000)	LD x 3			
				LF x 3			
			(10000)	CC (slab)			
			(10000)	Hot x 2			
Integrated steel mill project in West Bengal			(3000)	(Unlikely)	2014	India's JSW Steel will begin work on its 10m tonnes/year greenfield integrated steelworks in Salboni in the eastern state of West Bengal by early 2011 and commission the first 3m t/y phase by 2014.	SBB 30-Nov-09 SBB 15-Oct-09
			(3000)	Steelmkg			
Salem Works (formerly Southern India Steel Co Ltd) (Tamil Nadu)	1000			(Firm)	2010		HP
	(1000)	BF		BLM			
	(1000)	EF					
		CC (billet)					
		CC (bloom)					
	(450)	STR					

Country: **INDIA (33)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Tarapur, Maharashtra							
	(570)	Cold					
	(500)	HGL					
	(232)	Ptg					
Vasind, Maharashtra							
	(320)	Plate					
	(430)	Cold					
	(400)	HGL					
Vijayanagar, Karnataka	6800		3200	(Firm)	2011	The implementation of the crude steel capacity expansion project by 2.8 MTPA to reach 6.8 MTPA at Vijayanagar Works was completed, with the commissioning of Pulverized Coal Injection Unit and Top Gas Recovery Turbine in Blast Furnace#3 and RH Degasser unit and LHF#2 in Steel Melt Shop#2, during first quarter of FY 2009-10. The state-of-the-art new Hot Strip Mill with a capacity of 5 MTPA is being implemented in two phases. The Phase-I with a capacity of 3.5 MTPA has been successfully commissioned on 28 March 2010. After successful trial runs, the Mill commenced commercial operations on 10 April 2010. Phase-II is under implementation. Further expansion of crude Steel capacity by 3.2 MTPA to reach 10 MTPA at Vijayanagar Works along with associated facilities is under implementation and targeted for completion by March 2011.	HP
	(5000)	BF x 3	(2800)	BF			
	(1600)	Corex x 2	(3200)	Steelmkg			
	(6800)	LD x 5		CC (slab) x 2			
	(5400)	CC (slab) x 4	(3500)	Hot			
	(1700)	CC (billet)					
	(3200)	Hot					
	(1000)	Cold					
	(1000)	STR					
	(600)	WR					

Country: **INDIA (34)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Kalyani Carpenter Special Steels Ltd							
Pune, Maharashtra	200	(special steel)					
	(200)	EF					
		LF					
		CC (bloom)					
		BLM					
		STR					
Kalyani Gerdau Steels Ltd					P		
SJK Steel Plant (Andhra Pradesh)	275			(Possible)	2011	In India, Gerdau will invest BRL 88 million in its joint venture with Kalyani Group to build a long steel rolling mill, which will have 300,000 tpy capacity of rebar and special steel with start up expected for 2011. Gerdau and Kalyani each own a 45% stake in SJK Steel, in Andhra Pradesh, which is aiming to reach 1 million tpy finished steel capacity in the future.	MB 13-May-10 MB 10-Nov-09
	(275)	BF	(300)	STR			
	(275)	LD					
	(275)	CC (billet)					

Country: **INDIA (35)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Kalyani Steels Ltd							
Siruguppa, Karnataka							
	(110)	BF				India's Kalyani Steel is adding 450,000 tpy of special steel and 750,000 tpy of finished steel capacity at its joint ventures in Karnataka and Andhra Pradesh. The prominent producer of alloy and special steel is upgrading the steel meltshop and mill at its Ginigera plant in Karnataka, a joint venture with Mukand Ltd, after commissioning a 350 cu metre blast furnace that raised hot metal capacity to 700,000 tpy from 250,000 tpy (see Hospet Steels Ltd). Kalyani Steel's share of the hot metal would be 300,000 tpy. Kalyani Steel also has plans to raise finished steel capacity at SJK Steel, a joint venture with Gerdau to 1 million tpy from 250,000 tpy at a cost of around INR 14 billion (USD 316 million). The company, which also operates a 300,000 tpy coke making facility with Gujarat NRE Coke, is seeking backward integration by applying for iron ore leases and trying to produce metallurgical coke itself.	

Country: **INDIA (36)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Special steel plant project in West Bengal			(1000)	(Unlikely)	2011-13	Kalyani Group has restarted its move to set up a special steel plant and power plant project near Panagarh in West Bengal. Kalyani Steels had signed a memorandum of understanding to build a 1m tonnes/year special steel plant and other facilities in West Bengal. Under the agreement signed on 21 February 2008 with two West Bengal government bodies, Kalyani Steels plans a multi-phase investment project beginning with a thermal power plant. In tandem with this, the company will construct a plant producing either DRI or pig iron to feed a special steel plant making long products for automotive, construction and infrastructure applications. Kalyani's investment in the power plant is estimated at the equivalent of USD 50m and that for the steel plant at USD 113m. The steel plant would take approximately 3-5 years to complete.	GURU 30-Aug-09 SBB 28-Feb-08
			(1000)	(special steel) Steelmkg			
Kamdhenu Ispat Ltd							
Bhiwadi, Rajasthan						Kamdhenu Ispat is a manufacturer of thermo mechanically treated (TMT) bars with the plant capacity of 72,000 tpy and ingot manufacturing capacity of 22,500 tpy per annum. The company has franchisee arrangement with 32 entities to manufacture TMT/HSD (high strength deformed bars) bars with combined capacity of 1.5 million tonnes.	NET
	(72)	STR					
Kanishk Steel Industries Ltd							
Mayiladduthurai in Tamil Nadu	30						
	(60)	DR					
	(30)	IF					
		BTM					
	(200)	STR x 2					

Country: **INDIA (37)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
KAP Steel Ltd							
Andhra Pradesh	68						
	(68)	EF					
	(75)	CC (billet)					
		STR					
KIOCL Ltd (formerly Kudremukh Iron Ore Co)					S		
Blast Furnace Unit							
	(230)	BF					
Steel mill project in Karnataka			(1500)	(Unlikely)		State-owned iron pellet producer KIOCL Ltd, a 100% export oriented unit, under the ministry of steel and mines, has shortlisted an equity partner for its proposed joint venture for setting up an integrated steel plant in Karnataka at an estimated investment of INR 8,000 crore. KIOCL will start with 1.5 million tonnes (capacity annually in the proposed plant) expandable to three million and later to 15 million tonnes.	BS 06-Feb-10
			(1500)	Steelmkg			
KR Steelunion Ltd							
Gujarat							
	(100)	Cold					
Maharashtra							
	(150)	Tin Plate					
West Bengal	36						
	(36)	EF					
	(72)	CC (billet)					
	(120)	STR x 2					

Country: **INDIA (38)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Kumar Steels							
Haryana	12						
		(stainless steel)					
	(12)	IF					
		BTM					
	(12)	STR					
	(12)	Plate					
Kumar's Metallurgical Corp							
Nalgonda District, Andhra Pradesh							
	(60)	DR x 2					
Lloyds Line Pipes Ltd							
Murbad, Maharashtra							
	(75)	ERW					
Lloyds Metals & Engineers Ltd							
Ghughas, Maharashtra							
	(270)	DR					
Lloyds Steel Industries Ltd							
Wardha, Maharashtra	720						
	(720)	EF x 2					
		LF x 2					
	(1200)	CC (slab)					
	(780)	Hot					
	(350)	Cold x 2					
	(250)	HGL x 2					

Country: **INDIA (39)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Maharashtra Seamless Ltd							
Billet plant project in Karnataka			(500)	(Unlikely) (500) Steelmkg (500) CC (billet)		Maharashtra Seamless Ltd (MSL), India's largest seamless pipe producer, plans to build a 500,000 tpy steel plant to supply round billet for its pipe-making. The proposed plant at Kunekere in Koppal district of Karnataka state is expected to require an investment of around INR 30 billion (USD 609 million), which will be funded through debt, reserves and internal accruals. Iron ore will be sourced from NMDC mines in the area, where there are also many private iron ore producers. The plant is expected to be commissioned three years from start of construction.	MB 06-May-09 SBB 19-May-09
Maharashtra	(350) (200)	(stainless steel) SMLS ERW	(200)	(Possible) SMLS	2011	India's Maharashtra Seamless Ltd (MSL) is installing in its works a 200,000 tpy seamless tube plant from Romania that is likely to start work in two years. MSL, under D.P. Jindal group, bought the equipment, which includes a piercing mill but no meltshop, from Republica, which has not been in operation for about seven years. The total cost of installation and modernisation is estimated to be around INR 3 billion (USD 61 million).	MB 24-Feb-09
Mahindra Ugine Steel Co Ltd (Musco)							
Khopoli, Maharashtra	240	(special steel) EF LF CC (billet) BLM STR					

Country: **INDIA (40)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Man Industries (India) Ltd								
Pithampur and Anjar								
	(1000)	SAW						
Mardia Samyoung Capillary Tubes Co Ltd								
Dadra & Nagar Haveli								
		(special steel)						
	(1)	ERW						
Mehta Intertrade Steels Pvt Ltd					P			
Mumbai								
	(50)	ERW x 2						
Mesco Steel					P			
Mesco Kalinga Steel Ltd (Orissa)			(3000)	(Unlikely)		2011	Mesco Steel plans to invest around USD 2.8 billion to set up two steel plants in Orissa: a brownfield expansion and the other a greenfield project. The company would be investing close to USD 1.2 billion in Mideast Integrated Steels Ltd (MISL), where it has an 88.5 percent stake, to enhance the existing pig iron plant into a 3.5-million tonne steel plant. The other USD 1.6 billion would be invested in the other group company Mesco Kalinga Steel Ltd (MKSL) to set up a 3m t greenfield steel plant in the first phase, which can be expanded later to 5m t.	BL 06-Feb-08 SBB 07-Feb-08
			(3000)	Steelmkg				

Country: **INDIA (41)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Mideast Integrated Steel Ltd			(3500)	(Unlikely)	2010	Mideast Integrated Steel Ltd proposes to undertake expansion of the plant into an integrated steel plant of 3.5m t annual capacity, in two distinct phases. In Phase 1, existing hot metal production will be utilized for conversion into continuously cast billets. In Phase 2, balance capacity creation will be targeted. The saleable products will be cast slab, cast billet and long products.	MB 12-Nov-07 HP
	(700)	BF x 2		EF LD x 3 CC (billet) x 3 CC (slab)			
Metalman Industries Ltd							
Coated Products Division, District Dhar							
	(70)	HGL					
Cold Rolled Strip Division, District Dhar							
	(100)	Cold					
Pipe Division, Indore							
	(75)	ERW x 3					
Mishra Dhatu Nigam Ltd					S		
Andhra Pradesh	5	(stainless steel)					
	(5)	EF IF					
	(1)	Hot Cold (stn) WR					

Country: **INDIA (42)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Modern Steels Ltd							
Mandi Gobindgarh, Punjab	100						
	(100)	EF x 2					
	(100)	LF					
	(100)	CC (billet)					
	(50)	STR x 2					
Mohan Steels Ltd							
Uttar Pradesh	120						
		(stainless steel)					
	(120)	IF x 3					
	(120)	LF					
		AOD					
	(120)	CC (billet)					
	(120)	WR					
Monga Steel Pipe Industries							
Muzaffar Nagar							
	(5)	ERW x 2					

Country: **INDIA (43)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Monnet Ispat & Energy Ltd							
Raigarh, Chhattisgarh			1500	(Firm)	2011	Indian sponge iron manufacturer, Monnet Ispat & Energy Ltd (MIEL), expects to commission the first blast furnace at its 1.5m tonnes/year brownfield integrated steelworks at Raigarh in Chhattisgarh by December 2010. The 550 cu metre furnace is being supplied by a Chinese vendor. Six months later, MIEL plans to commission another blast furnace of similar capacity, taking total crude steel production at Raigarh to 1.5m t/y. The steelworks will produce about 600,000-700,000 t/y of hot rolled coils and plates, 500,000 t/y of thermo-mechanically treated rebars, and 100,000-200,000 t/y of alloy steels. MIEL plans to export about 20-30% of the output.	SBB 14-Jun-10 HP
	(500)	DR	(1500)	BF			
			(1500)	EF			
			(700)	Plate			
			(700)	STR			
Raipur, Madhya Prades	300						
	(300)	DR					
	(300)	IF					
	(300)	CC (billet)					
	(200)	STR					
MSP Group							
Ashirwad Steels & Inds Ltd							
	(150)	DR					
Chaman Metallics Ltd							
	(45)	DR					
Howrah Gases Ltd	50						
	(60)	DR					
	(50)	IF					

Country: **INDIA (44)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
MSP Metallics Ltd	250						
	(180)	DR					
	(121)	BF					
	(250)	IF					
MSP Rolling Mills Pvt Ltd							
	(24)	STR					
MSP Steel & Power Ltd	150						
	(200)	DR					
	(150)	IF					
	(218)	STR x 2					
MSP Steels Pvt Ltd	50						
	(50)	IF					
	(50)	STR					
Mukand Ltd					P		
Kalwe, Maharashtra	270					The steel manufacturing facility at Ginigera (Hospet) has a production sharing agreement between Mukand and Kalyani (see Hospet Steels).	
	(270)	EF					
		LF					
	(270)	CC (bloom)					
		BLM					
	(114)	STR					
	(222)	WR					
Mukand Bekaert Wire Industries Pvt Ltd							
(Mukand & Bekaert JV)		(stainless steel)					
	(6)	WR					

Country: **INDIA (45)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Mukat Pipes Ltd (Mukat Group)							
Baramati ERW Plant							
	(60)	ERW x 3					
National Steel and Agro Industries Ltd (NSAIL, Ruchi Group)					P		
Indore, Madhya Pradesh							
	(300)	Cold x 2					
	(280)	HGL x 2					
	(80)	Ptg					
Navyug Steel Ltd							
New integrated steel mill project in Orissa			(12000)	(Unlikely)		Hyderabad-based Navyug Steel Ltd has proposed to set up a 12 mtpa steel complex in four phases at an investment of INR 34,000 crore in Astaranga over 4000 acres.	FE 26-Nov-08 FE 19-Mar-08
			(12000)	Steelmkg			
Neelachal Ispat Nigam Ltd (NINL)					S/P		
Duburi, Jaipur, Orissa			900	(Firm)	2010	Neelachal Ispat Nigam Ltd (NINL), a 1.1-million-tonne pig iron joint venture between India's Minerals & Metals Trading Corporation (MMTC) and the Orissa state government, is planning to set up a 900,000 tpy steelmaking plant and a 700,000 tpy bar and rod mill. It will come into operation in second quarter of 2010-2011.	MB 26-Jun-09 ISWW
	(1100)	BF	(900)	LD LF CC (billet)			
			(700)	STR			

Country: **INDIA (46)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Neo Metaliks Ltd								
Durgapur, West Bengal			(1500)	(Unlikely)			City-based Neo Metaliks has proposed a 1.5-million tonnes steel plant in West Bengal. The estimated total cost of the project is 471 crores (approx.) The proposed plant is located at Gopalpur, Durgapur in Burdwan District of West Bengal. In first phase of the integrated steel plant, a mini blast furnace of 215 cu metre is being set up to produce 150,000 MT per annum of pig iron along with captive power plant of 4.5 MW capacity.	HP
			(1500)	Steelmkg				
NMDC					S			
Integrated steel plant in Chhattisgarh			(3000)	(Unlikely)		2014	National Mineral Development Corporation (NMDC) will start the construction work for its 3-million tonnes per annum (mtpa) integrated steel plant in Bastar district of Chhattisgarh in October 2010. The integrated steel plant of the country's biggest iron ore producer and exporter will come up near Nagarnaar, about 20 km from the divisional headquarters of Bastar. The company plans to invest about INR 12,000 crore on the project.	BS 01-May-10 REU 05-Mar-10
			(3000)	Steelmkg				
Integrated steel plant in Karnataka			(2000)	(Unlikely)			Indian state-owned iron ore miner National Mineral Development Corporation (NMDC) is planning to set up a 2-million tonne steel plant in the Southern Karnataka state with an estimated investment of INR 160-180 billion (USD 3.5-3.9 billion), a senior company official said. The Karnataka state government has already allocated 2,500 acres of land in the Bellary/Hospet area. The integrated plant would be state-run NMDC's second steel facility after the proposed 3-million tonne plant in the central Chhattisgarh state, expected to be operational by 2014.	REU 05-Mar-10 SBB 24-Sep-09
			(2000)	Steelmkg				

Country: **INDIA (47)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Nova Iron & Steel Ltd							
Bilaspur, Madhya Pradesh							
	(150)	DR (SLRN)					
Orissa Sponge Iron & Steel Ltd							
Keonjhar, Orissa	100		(1000)	(Unlikely)		Orissa Sponge Iron & Steel plans to venture into steelmaking with a proposed 1 million tpy steel mill. The proposed mill will produce steel via electric arc furnace and direct reduced iron (DRI).	MB 27-Aug-08
	(250)	DR x 2	(1000)	EF			
	(100)	IF					
	(100)	CC (billet)					
Others							
	10113						
Panchmahal Steel Ltd							
Panchmahal, Gujarat	150						
		(stainless steel)					
	(150)	EF					
		AOD					
		LF					
	(150)	CC (billet)					
		WR					
		STR					
Parikh Steel Pvt Ltd					P		
Kolkata							
		(special steel)					
	(10)	STR x 2					

Country: **INDIA (48)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Partap Rajasthan Special Steels Ltd							
Jaipur	40						
	(40)	EF					
	(40)	LF					
	(40)	CC (billet)					
	(30)	STR x 3					
Posco & SAIL JV					S/P		
Bokaro in Jharkhand			(3500)	(Unlikely)		State-owned Steel Authority of India Ltd (Sail) and Korea's Posco are working together to establish a greenfield mill in the eastern state of Jharkhand for producing grain oriented silicon sheets. Sail and Posco are also planning a 3.5m tonnes/year greenfield integrated steel plant at Bokaro in Jharkhand. Sail already operates an integrated mill at Bokaro and has more land to offer for the new mill. Sail and Posco are also exploring the possibility of building a non grain-oriented (NGO) plant with an installed capacity of 300,000 t/y in the western state of Maharashtra.	SBB 03-Jun-10 SBB 24-May-10
			(3500)	Steelmkg Silicon			
Maharashtra				(Unlikely)		Indian public sector steel major, Steel Authority of India Ltd (Sail), and Korea's Posco are exploring a joint venture to build a 300,000 tonnes/year cold rolled non-grain oriented steel plant in the western Indian state of Maharashtra.	SBB 29-Apr-10
			(300)	Silicon			
Posco India Limited					P		
Integrated steel mill project in Karnataka			(6000)	(Unlikely)		Posco has joined the list of steel companies investing in Karnataka with an investment of INR 32,336 crore. In June 2010 the company signed a memorandum of understanding with the government of Karnataka to set up 6 million tonnes per annum integrated steel plant in Bagalkot district.	GURU 06-Jun-10 SBB 07-Jun-10
			(6000)	Steelmkg			

Country: **INDIA (49)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Integrated steel mill project in Orissa			(4000)	(Unlikely)	(1st phase) 2012	Posco India has received final approval from the Indian government to acquire 850 hectares of forest in Orissa for the company's 12 million tpy greenfield steel project. The approval is among the last regulatory hurdles the company faces to acquire the land. The integrated steelworks will be completed in three phases of 4 million tpy each. In Phase I, hot rolled coil (2.5 million tonnes) and slab (1.5 million tonnes) will be produced. The company also plans to start construction of a 400,000 tpy continuous galvanizing line (CGL) project in India in March.	MB 20-Jan-10 MB 07-Jan-10 MB 04-Jan-10 HP
			(4000)	Steelmkg			
			(400)	HGL			
Powmex Steels							
Orissa	7						
	(7)	EF					
	(7)	STR					
Prakash Industries Ltd							
Champa, Chhattisgarh	550		450	(Possible)	2011	India's Prakash Industries plans to add 600,000 tpy of direct reduction iron (DRI) capacity of 450,000 tpy of steelmaking capacity by March 2011. The additional DRI capacity will boost raw material supply and reduce production costs. It plans to raise INR 5 billion (USD 109 million) in the domestic and foreign markets to fund its INR 8 billion plan to expand DRI and steel capacities to more than 1 million tpy each.	MB 15-Oct-09
	(400)	DR (SLRN) x 2	(600)	DR			
	(550)	IF	(450)	Steelmkg			
	(550)	CC (billet)					
	(180)	WR					
	(300)	STR					
Prakash Steelage Ltd							
Silvassa (Unit1) & Gujarat (Unit2)							
		(stainless steel)					
		SMLS					
		ERW					
		SAW					

Country: **INDIA (50)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
PSL Ltd									
	Ahmedabad								
		(75)	SAW						
	Chennai								
		(75)	SAW						
	Jaipur								
		(150)	SAW						
	Kandla								
		(725)	SAW						
	Vizag				(Firm)			India's largest pipe manufacturer, PSL Ltd, is augmenting its manufacturing capacity by 300,000 tonnes, or about 20 percent, to meet demand from the oil and gas and water treatment sectors. The current global manufacturing capacity is 1.475m tonnes and a new 300,000 tonnes unit is being erected at Visakhapatnam. It will start commercial production by April 2010. Further, the INR 2,600-crore turnover company is relocating about 300,000 tonnes of capacity to Chennai, from its other 11 pipe mills in the country.	BS 08-Jan-10
		(75)	SAW	(300)	SAW				
Rajendra Mechanical Industries Ltd									
	Maharashtra								
			(stainless steel)						
		(2)	SMLS						
		(4)	SAW						

Country: **INDIA (51)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Ramsarup Group							
Ramsarup Industries Ltd	700			(Possible)	2012	Indian steelmaker and wire producer Ramsarup Industries Ltd (RIL) plans to expand wire manufacturing capacity to about 600,000 tonnes/year from 400,000 t/y presently over the next two years. RIL's two wire drawing facilities – at Durgapur and Kalyani in West Bengal – are presently fed with 5.5-8mm wire rods sourced from the domestic market. The firm plans to backward integrate through production of wire rods at its 700,000 t/y integrated steelworks in Kharagpur, also in West Bengal. It is negotiating with Danieli, SMS Meer and Siemens for a wire rod mill. The Kharagpur works hosts a 350 cu metre mini blast furnace and a 150,000 t/y direct reduced iron plant. In October 2009, RIL commissioned a steel melting shop supplied by Spain's Sarralle Equipos and a continuous billet caster provided by Austria's VAI Pomini. The steel melt shop comprises a 70-t electric arc furnace.	SBB 14-Jun-10 SBB 11-Jun-09 MB 26-Feb-09
	(150)	DR	(200)	WR			
	(300)	BF					
	(700)	EF					
		LF					
	(700)	CC (billet)					
	(170)	STR					
	(300)	WR					
Ramsarup Vyapaar Ltd							
	(60)	STR					

Country: **INDIA (52)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Rashtriya Ispat Nigam Ltd, Visakhapatnam Steel Plant (Vizag Steel)					S		
Visakhapatnam	3600		2700	(Firm)	2010-2011	India's state owned Rashtriya Ispat Nigam Ltd (RINL), operator of the Vizag Steel Plant in the south-eastern state of Andhra Pradesh, is proceeding aggressively with plans to lift melting capacity to 6.3m tonnes/year. The expansion is to be completed by mid 2011. RINL has ordered a new 3,800 cu metre blast furnace from a consortium of Paul Wurth and India's Larsen & Toubro Ltd. The furnace will have a capacity to produce 2.5m t/y of pig iron. The company also placed an order with Germany's SMS Demag in January 2008 for an two 150-t oxygen converters. An order for three six-strand continuous billet casters has been placed with Italy's Danieli to be built in conjunction with Danieli India. Vizag's second wire rod mill has been ordered from Morgan Construction of the US, partnered with India's MECON. An order for a 750,000 t/y special bar mill has been placed with Siemens VAI.	SBB 10-Mar-09 HP
	(3400)	BF x 2	(2500)	BF			
	(3600)	LD x 3	(2700)	LD x 2			
		CC (bloom) x 6		CC (billet) x 3			
	(1560)	STR x 2	(600)	WR			
	(850)	WR	(750)	STR			
Rathi Alloys & Steels Ltd					P		
Alwar, Rajasthan	100						
		(special steel)					
	(100)	EF					
		CC					
	(100)	Hot					
Rathi Bars Ltd					P		
Alwar, Rajasthan	40						
	(40)	IF					
	(125)	STR					
Rathi Special Steels							
	(125)	STR					

Country: **INDIA (53)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Rathi Ispat Ltd					P		
Ghaziabad	110	(stainless steel)					
	(110)	EF					
		AOD					
		LF					
	(80)	CC (billet)					
		BTM					
	(50)	Hot					
Rathi Steel & Power Ltd (formerly Rathi Udyog Ltd)					P		
Ghaziabad	40	(stainless steel)				Rathi Udyog's Ghaziabad plant consists of steel rolling mills having an capacity of 125,000 tpy, a high speed wire rod mill and steel melting shop with 40,000 tpy installed capacity comprising of induction furnace, AOD converter, continuous casting machine and other facilities for manufacturing high end value-added stainless steel and alloy steel products.	HP
	(40)	IF					
		AOD					
		CC (billet)					
	(125)	STR					
Orissa	150		(1050)	(Unlikely)		Delhi based PC Rathi Group's Rathi Steel & Power Ltd, formerly known as Rathi Udyog Ltd, plans to invest INR 2,000 crore on to enhance the steel capacity of its Orissa plant to 1.2 million tonnes per annum. In 2008, Rathi Steel & Power commissioned Phase 1 of its integrated steel plant in Orissa comprising of sponge iron, captive power plant and steel melting shop to manufacture steel billets with an annual capacity of 150,000 tonnes.	NET 02-Aug-08
	(150)	DR	(1050)	Steelmkg			
	(150)	Steelmkg					
Rathi Iron & Steel Industries (Pithampur)						Rathi Iron & Steel Industries Limited, a group company of Rathi Udyog, has a steel rolling mill with a capacity of 50,000 tpy at Pithampur Industrial Area in Dhar district.	HP
	(50)	STR					

Country: **INDIA (54)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Ratnamani Metals & Tubes Ltd							
Kutch Division							
	(114)	ERW					
	(100)	SAW					
		SMLS					
Saw Pipes SP Division						The company also has three mobile plants for water and sewage pipe line products (60,000 tonnes).	ISWW
	(60)	SAW					
Stainless Steel Tubes & Pipes Division							
		(stainless steel)					
	(6)	ERW					
		SMLS					
Real Strips Ltd							
Gujarat							
		(stainless steel)					
		CAPL					
		Cold					
Remi Metals Gujarat Ltd							
Jhagadia, Gujarat	140						
		(stainless steel)					
	(140)	EF					
		LF					
		CC (bloom)					
	(100)	BLM					
	(100)	STR					
	(50)	SMLS					

Country: **INDIA (55)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
RHL Profiles Ltd							
Uttar Pradesh, Rajasthan							
	(257)	STR x 3					
Rocklane Steels Ltd							
	(120)	Hot					
	(100)	Cold					
	(100)	HGL					
Romelt-Sail (India) Ltd (RSIL)							
Madhya Pradesh							
	(300)	DR (Romelt)					
Ruchi Group							
Indian Steel Corporation Ltd				(Firm)	2010	India's Ruchi Group expects to triple cold rolled strip capacity at its 80%-owned Indian Steel Corp (ISC), from 200,000 tonnes/year now to 600,000 t/y by December 2010. Japanese trader Mitsui & Co holds the other 20% in ISC. Based in Gujarat, ISC currently operates a 200,000 t/y CR mill, a 120,000 t/y hot-dip galvanizing line, and a 100,000 t/y CR annealing plant at Gandhidham. A 400,000 t/y CR mill supplied by Siemens VAI and a 100,000 t/y CR annealing facility from Austria's Ebner are under installation. Belgium's CMI-FPE is supplying a 250,000 t/y continuous zinc coating line and a 120,000 t/y colour coating line.	SBB 13-Apr-10
	(200)	Cold		(400) Cold			
	(120)	HGL		(250) HGL			
				(120) Ptg			

Country: **INDIA (56)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Integrated steel mill project in Orissa (SSL Energy)			(3000)	(Unlikely)		The Orissa government signed an MoU with Ruchi Group for establishing a 3m tpy steel plant and a soya processing facility. The memorandum of understanding was signed by Mr. LN Gupta, secretary to steel and mines department, and Mr. Umesh Shahra, director of Ruchi Group. The 3m tpy steel plant is to come up in Angul. It has sought 2,000 acres of land and 120 MT of iron ore for 25 years. Investments will be to the tune of INR 8,609 crore and it will come up in two phases.	NET 21-Dec-06
			(3000)	Steelmkg			
Integrated steel mill project in West Bengal			(1000)	(Unlikely)		The Ruchi Group of Industries has submitted a proposal to the Bengal government to set up a 1 million tpy integrated steel plant in the state. The total investment for the greenfield steel plant is INR 2,500 crore.	TG 13-Feb-05
			(1000)	Steelmkg			
Mid India Power & Steel Ltd	110					Mid India Power & Steel Ltd (formerly known as Kusum Ingots) is presently engaged in manufacturing of Billets and Round/Square Bars having installed capacity of 110,000 tpy. Commercial production was started in March 2008.	HP
	(110)	EF LF CC (billet) STR					
Ruchi Strips & Alloys Ltd							
	(100)	Cold					
S A R Ispat Pvt Ltd					P		
Madagabipet Post, Pondicherry	24						
	(24)	IF					

Country: **INDIA (57)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
SAIL (Steel Authority of India Ltd)					S		
Alloy Steel Plant (Durgapur, West Bengal)	246	(special steel)				Steel Authority of India Ltd (SAIL) is modernizing and expanding its existing steel plants in order to increase crude steel production capacity to 21.4 million tpy by 2012, and when all expansion programs are finished its capacity will reach 24.6 million tpy.	HP
	(246)	EF x 3					
		LF					
		AOD					
	(138)	CC (bloom)					
	(155)	BLM					
	(23)	STR					
Bhilai Steel Plant (BSP) (Chhattisgarh)	3925		3075	(Firm)	2011	SAIL plans to raise crude steel capacity at Bhilai Steel Plant to 7m t/y by 2011. In 2008 it ordered a new coke battery, a blast furnace and a basic oxygen melt shop.	SBB 29-May-09 MB 24-Sep-09 HP
	(4700)	BF x 7	(2700)	BF			
	(2500)	OH x 4		LD x 3			
	(1425)	LD x 3		CC (billet) x 2			
		LF x 2		CC (bloom)			
		CC (bloom)		CC			
		CC (slab) x 4	(2200)	STR x 2			
		CC	(900)	WR			
	(2140)	BLM	(470)	Plate			
	(1500)	BTM					
	(1250)	STR x 2					
	(420)	WR					
	(950)	Plate					

Country: **INDIA (58)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Bokaro Steel Plant (BSL) (Jharkhand)	4360		2640	(Firm)	2011-2012	Union Steel Minister Virbhadra Singh Thursday said the Bokaro Steel Plant would become the largest steel producer of the country by 2011-12 after the completion of its expansion and modernisation programmes. The Bokaro Steel Plant (BSP) expansion, undertaken by the Steel Authority of India Ltd (SAIL), entails an investment of INR 11,000 crore to ramp up production from the existing 4.36 million tonnes to 7.5 million tonnes by 2011-12 after its first phase of expansion, he said, adding the plant‘s production would increase up to 14 million tonnes after the second phase.	MB 28-Apr-08 HP NET 28-Jan-10
	(4585)	BF x 5	(2855)	BF			
	(4360)	LD x 7	(2640)	Steelmkg			
		LF		CC (tsc)			
	(2160)	CC (slab) x 2		Hot			
	(4000)	SLM		Cold			
	(3955)	Hot					
	(1660)	Cold					
	(170)	HGL					
Durgapur Steel Plant (DSP) (West Bengal)	1802		398	(Possible)	2012	Durgapur Steel Plant plans to cut its costs of saleable steel by INR 3,000 (USD 63) per tonne even as it hopes to sell 2.12 million tpy by 2012 by from the current 1.586 million tpy. The steel plant in West Bengal hopes to achieve the cost cut from October 1, when it starts implementing enterprise resource planning at a cost of INR 350 million with the help of Hewlett Packard, said senior company officials in a Business Line report. As part of parent company Steel Authority of India's expansion, Durgapur Steel Plant is expanding to 2.2 million tpy of crude steel in 2012 from 1.802 million tpy, to 2.45 million tpy of hot metal from 2.088 million tpy, and to 2.12 million tpy of saleable steel, said sources close to the company. Production through continuous casting will be also be increased to 100% from the present 84% at the mainly long steelmaker, they said.	MB 02-Oct-09 BL 03-Oct-09 HP
	(2088)	BF x 4	(398)	LD			
	(1802)	LD x 3		LF			
		CC (billet) x 2		STR			
		CC (bloom)					
	(957)	BTM					
	(1470)	BLM					
	(480)	STR x 2					
	(250)	Hot					
	(58)	Rolling					

Country: **INDIA (59)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
IISCO Steel Plant (ISP) (West Bengal)	600		2000	(Firm)	2011	IISCO Steel Plant is installing an all-new converter shop at its Burnpur works in West Bengal. The new facility will be a basic oxygen shop suited for the production of quality steel grades, replacing an open-hearth steelmaking shop. It is rated for an annual production of 2.6m tonnes of liquid steel, according to SMS. The steel plant includes three 150-tonne converters, two ladle furnaces and a vacuum recirculation degassing plant. According to the local press, modernization projects will be completed by June 2011 or may be even ahead of schedule.	NET 06-Sep-09 SBB 02-Sep-08 MB 27-Aug-08 HP
		BF x 2		BF			
	(600)	OH		LD x 3			
	(900)	BLM		CC (billet)			
	(800)	BTM	(600)	STR			
	(370)	STR x 2	(1200)	WR			
	(150)	WR					
Rourkela Steel Plant (RSP) (Orissa)	1900		2300	(Firm)	2011	Sail will expand crude steel capacity at its Rourkela Steel plant in Orissa by 2.3 million tpy, taking its total capacity at the location to 4.2 million tpy. The capacity expansion will cost INR 98.69 billion (USD 2.43 billion) and will be completed over a period of three years. Under the expansion plan Sail will install a fifth blast furnace with a volume of 4,060 cubic metres. The company hopes to achieve 4.5 million tpy of pig iron production as a result of the improvements. In addition, Rourkela will have a new 150-tonne converter and a caster to produce ultra-low carbon steel.	MB 10-Sep-09 MB 24-May-07 HP NET
	(2000)	BF x 4	(2500)	BF			
	(1900)	LD x 4	(2300)	LD			
		LF		CC (slab)			
	(1660)	CC (slab) x 3		Plate			
	(299)	Plate					
	(1440)	Hot					
	(678)	Cold					
	(74)	Silicon					
	(85)	Tin plate					
	(160)	HGL					
	(75)	ERW					
	(55)	SAW					

Country: **INDIA (60)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Salem Steel Plant (Tamil Nadu)		(stainless steel)	180	(Firm) (stainless steel)	2010	Steel Authority of India (SAIL) subsidiary Salem Steel has started work on its INR 19 billion (USD 430 million) backward integration and expansion project. Salem Stainless, currently a hot and cold rolling plant, said it is adding add a steel meltshop and continuous casting facilities capable of producing 180,000 tpy of slab. It will also install a second cold rolling mill to take capacity to 146,000 tpy of cold rolled stainless steel, from the current 65,000 tpy, and upgrade the existing hot mill to boost capacity to 370,000 tpy from 180,000 tpy. On top of this, SAIL's Alloy Steel Plant at Durgapur will produce another 200,000 tpy of stainless steel slabs for rolling at Salem Steel.	MB 08-Sep-08 MB 13-Feb-07 SBB 15-Sep-08 HP
	(186)	Hot	(180)	EF			
	(65)	Cold		AOD			
				LF			
				CC (slab)			
			(178)	Hot			
			(81)	Cold (stn)			
Visvesvaraya Iron & Steel Plant (VISL) (Bhadravati, Karnataka)	80						
	(205)	BF					
	(80)	LD x 2					
		LF					
	(80)	CC					
	(78)	BLM					
	(36)	STR					
Sandvik Asia Ltd					P		
Mehsana, Gujarat		(stainless steel)					
	(10)	SMLS					
Sanghvi Steels Ltd							
Maharashtra	45						
	(45)	EF					
		CC (billet)					
		STR					

Country: **INDIA (61)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Sarda Energy & Minerals Ltd							
Raipur, Chhattisgarh	240					Indian steelmaker Sarda Energy & Minerals Ltd (SEML) has started commercial production of a new 180,000 tonnes/year wire rod mill at its integrated works at Siltara in Chhattisgarh.	SBB 22-Apr-10
	(360)	DR x 4	(180)	WR			
	(240)	IF x 6					
	(200)	CC (billet)					
		STR					
Sesa Industries Ltd					P		
Bichelim Taluka, Goa				(Unlikely)		Sesa Goa, part of Vedanta Resources, will increase its pig iron capacity to 375,000 tpy from 250,000 tpy, the company told the Bombay Stock Exchange.	MB 28-Sep-09
	(250)	BF x 2	(125)	BF			
Shah Alloys Ltd					P		
Gandhinagar, Gujarat	320						
		(stainless steel)					
	(320)	EF					
		AOD					
		LF					
		CC (bloom)					
		CC (slab)					
	(100)	Plate					
	(100)	Hot					
	(200)	Rolling					
		Cold (stn)					
S.A.L. Steel Ltd							
	(180)	DR					
	(25)	Rolling					
Shiva Steel Rolling Mills							
Kolkata							
		STR					

Country: **INDIA (62)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Shri Ishar Alloy Steel Ltd							
Indore, Madhya Pradesh	150	(stainless steel) (150) EF (150) LF (150) CC (billet) (124) STR					
Shyam Group							
Shyam SEL & Power Ltd			(1100)	(Unlikely) (stainless steel) (1100) Steelmkg	2009-2015	Indian steel producer Shyam SEL & Power Ltd is to build a greenfield 1.1m tonnes/year integrated steelworks for long products at Jamuria in West Bengal's Burdwan district. The first phase of the project, to cost more than USD 425m, would have a capacity of 250,000 t/y (stainless steel) and would begin by end-2009. It was expected to make 300,000 t/y of sponge iron. However, the company is faced with coal shortages. The company said it had started construction at the Burdwan site but it had not been allocated coal blocks from the local government, essential for running the plants.	TG 18-Jun-10 SBB 19-Dec-08 FE 10-Dec-08 NET
West Bengal & Orissa	1000	(800) DR IF EF CC (billet) STR				The Shyam group currently operates an integrated steel mill in West Bengal and another in Orissa, with a combined capacity of nearly 1m t/y. The mills produce billets through the DRI and EAF route that are rolled into Thermo Mechanically Treated (TMT) rebars and plain bars.	SBB 19-Dec-08

Country: **INDIA (63)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Shyam Steel Industries							
Durgapur & Howrah	200						
		DR Steelmkg CC (billet) STR					
Integrated steel mill project in Kharagpur (West Bengal)			(600)	(Unlikely)		On 5th February, 2008, Shyam Steel signed an MoU with the Govt. of West Bengal. The Group has plans of setting up two Greenfield Integrated Steel Plants – one at Raghunathpur in Purulia district with a 1.1 MTPA capacity and another at Kharagpur in West Midnapore, with a 0.6 MTPA capacity.	SBB 29-Oct-09 SBB 15-Feb-08 HP
			(600)	Steelmkg			
Integrated steel mill project in Raghunathpur (Purulia, West Bengal)			(1100)	(Unlikely)		India's Shyam Steel Industries expects to obtain land from the state government of West Bengal by the end of March, for its planned 1.1m tones/year greenfield integrated steelworks project. The much-delayed land acquisition process was supposed to have been completed last November. In the first phase Shyam Steel will invest INR 15bn (USD 325m) in a 500 cubic metre blast furnace, a 1m t/y iron ore beneficiation and pellet plant, and a 100 MW power plant. The blast furnace will make 400,000 t/y of pig iron which will initially be used at the company's existing longs mill in Durgapur, West Bengal. In the second phase, the company will make crude steel in EAFs using the pig iron and DRI, to make 1.1m t/y of thermo mechanically treated rebars.	SBB 17-Feb-10 SBB 29-Oct-09 SBB 15-Feb-08
			(400)	DR BF EF			
Smita Steels Rolling Mills Pvt Ltd					P		
Thane, Maharashtra							
	(60)	STR					

Country: **INDIA (64)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Smith Glass Products Pvt Ltd (Saflow)								
Maharashtra								
	(24)	ERW						
Somani Iron & Steel Ltd					P			
Kanpur, Uttar Pradesh								
		EF x 3 IF x 2 LF CC (billet)						
Sponge Iron India Ltd					S			
Paloncha, Andhra Pradesh			240	(Possible)		2010	At the board meeting on 23 January 2010, NMDC approved the merger with the state-owned DRI producer, Sponge Iron India Ltd (SIIL). The Ministry of Corporate Affairs had earlier passed an order on 18 January approving the merger. After the merger, NMDC had plans to increase SIIL's rated DRI capacity to 260,000 tonnes/year from the current 60,000 t/y. It also intended to forward integrate by building a 240,000 tonnes/year steel mill in the southern state of Andhra Pradesh where both companies are headquartered.	SBB 28-Jan-10 SBB 27-Oct-09 SBB 16-Sep-09 SBB 03-Jun-09
	(60)	DR (SLRN) x 2	(200) (240)	DR Steelmkg				
Sri Sarbati Tubes Ltd								
Puducherry								
	(55)	ERW x 4						

Country: **INDIA (65)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Star Wire (India) Ltd							
Faridabad, Haryana	36						
	(36)	EF x 2 LD BLM STR					
Steel Complex Ltd					S		
Kerala	55						
	(55)	EF x 3 CC (billet) STR					

Country: **INDIA (66)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Steel Exchange India Ltd							
Vizianagaram (Andhra Pradesh)	90		240	(Firm)	2010	Steel Exchange India Ltd (SEIL) expects to commission new steelmaking capacity at its Vizianagaram works in the southern state of Andhra Pradesh by August 2010 capable of producing about 20,000 tonnes/month. This is part of SEIL's plans for an integrated steelmaking facility at the premises of a sponge iron mill it acquired from Gold Star Alloy India Ltd in November 2009. SEIL plans to produce billets at Vizianagaram to feed its rolling mills for TMT bars. The Vizianagaram works hosts two direct reduced iron (DRI) kilns, each capable of producing 350 t/d of sponge iron. One of the kilns is presently in operation while the other is expected to begin production in August. The same month, SEIL plans to commission two induction furnaces that would accept feeds from the DRI kilns and produce about 20,000 t/m of crude steel. Established in 1999, the Hyderabad-headquartered company plans to produce billets to feed an existing 18,000 t/m TMT bar rolling mill at Vizianagaram.	SBB 24-Jun-10
	(90)	IF x 3	(255)	DR x 2			
	(216)	STR	(240)	IF x 2			
Steelco Gujarat Ltd							
Bharuch, Gujarat							
	(200)	Cold					
	(80)	HGL x 2					

Country: **INDIA (67)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Sunflag Iron & Steel Co Ltd					P		
Bhandara, Maharashtra	250						ISWW
		(special steel)					
	(150)	DR (Codir)					
	(230)	BF					
	(250)	EF					
		AOD					
		LF					
		CC (billet)					
	(250)	STR					
	(60)	WR					
Suraj Stainless Ltd							
Ahmedabad				(Unlikely)		Suraji Stainless Ltd, a producer of stainless seamless pipe and tube, wants to expand its capacity to 26,000 tpy from 12,000 tpy. The Ahmedabad-based company will build its fourth facility at Kadi, near Mehasana in Gujarat state, at cost of INR 700 million (USD 17.4 million). The company also produces around 8,000 tonnes of welded pipes.	MB 24-Apr-08
		(stainless steel)		(stainless steel)			
	(12)	SMLS	(14)	SMLS			
	(8)	ERW					
Surana Industries					P		
Gummidipoondi, Tamil Nadu	110					Surana Industries manufactures High Strength Deformed Steel bars (approved by Bureau of Indian Standards association), Thermo Mechanically treated bars known as SURANA TMT, CRS Reinforcing bars, Cold Twisted Deformed bars, Mild Steel Rounds and Mild Steel Structurals. The plant has an installed capacity to produce per annum 30,000 tonnes of mild steel ingots, and 109,800 tonnes of CTD bars and TMT bars.	HP
	(110)	IF					
	(110)	STR					

Country: **INDIA (68)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Raichur, Karnataka	225						
				(special steel)			
	(128)	DR					
	(225)	EF					
		CC (billet)					
	(200)	STR					
Surindra Engineering Co Ltd (Mukat Group)							
Mumbai							
	(50)	SAW					
Surya Roshni Ltd							
Bahadurgarh, Haryana							
	(60)	Cold					
	(300)	ERW					
Bhuj, Gujarat				(Firm)	2010	Indian pipe manufacturer, Surya Roshni Ltd, has commissioned two new pipe mills with a total capacity of 400,000 tonnes/year, taking its overall pipe production capacity to 700,000 t/y across three plants in the country. At a new plant in Bhuj in the western state of Gujarat, the firm has installed a 100,000 t/y capacity mill for electric resistance welded (ERW) pipes and 200,000 t/y of API grade large diameter spiral pipes.	SBB 25-Mar-10 NET 03-Dec-09
			(200)	SAW			
			(100)	ERW			
Gwalior, Madhya Pradesh				(Firm)	2010	At Malanpur in Madhya Pradesh, Surya Roshni has built a mill to produce 100,000 t/y of ERW pipes, most of which are galvanized for use in applications such as poles for street lighting.	SBB 25-Mar-10
			(100)	ERW			

Country: **INDIA (69)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Integrated steel mill project in Karnataka			(5000)	(Unlikely)		Indian pipe producer Surya Roshni Ltd is backward integrating with a 5m tonnes/year integrated steelworks in the southern state of Karnataka. In June 2010, The company, through affiliate Surya Vijay Nagar Steel & Power Ltd, signed a MoU with the state government for a 3m t/y plant to produce hot rolled coils to feed its pipe mills.	SBB 07-Jun-10 SBB 12-Jan-10
			(5000)	Steelmkg			
			(3000)	Hot			
Karnataka				(Unlikely)		Indian pipe manufacturer, Surya Roshni Ltd, expects to complete a feasibility study by end-June or early July 2010 for a proposed 100,000 tonnes/year pipe mill in the southern state of Karnataka. The proposed mill will primarily produce electric resistance welded (ERW) pipes, though the final product mix would be decided after the study is concluded. Surya Roshni is currently in talks with the Karnataka state government for an allocation of land and expects to begin construction by December.	SBB 14-May-10
			(100)	ERW			
Taloja Steel Ltd					P		
Raigad, Maharashtra							
	(50)	STR					
Tamil Nadu Sponge Ltd							
Salem							
	(30)	DR					

Country: **INDIA (70)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Tata BlueScope Steel Ltd					P		
Jamshedpur, Jharkhand				(Firm)	2010	The Coated Steel manufacturing facility at Jamshedpur will be operational from the first quarter of 2010. This facility will have an annual metallic coating capacity of 250,000 MT and paint line capacity of 150,000 MT. Tata BlueScope Steel is a 50-50 joint venture between India's Tata Steel and Australia's BlueScope Steel.	HP SBB 14-Jul-08
			(250)	ZnAl			
			(150)	Ptg			
Tata Metaliks Ltd							
Integrated steel mill project in Karnataka			(3000)	(Unlikely)		Pig iron producer Tata Metaliks, a subsidiary of Tata Steel, has signed a MoU with the state government for building a 3m t/y steelworks at Haveri in Karnataka. The two firms will collaborate on the project but expect to start work only after allotment of iron ore mines.	SBB 07-Jun-10 SBB 25-Sep-09
			(3000)	Steelmkg			
Kharagpur, West Bengal							
	(350)	BF					
Redi, Maharashtra (formerly Usha Ispat)							
	(300)	BF					
Tata Sponge Iron							
Keonjhar, Orissa			(1500)	(Unlikely)		The Orissa government approved proposals for setting up of two medium scale steel plants including one by Tata Sponge Iron Limited, official sources said. The proposals from Tata Sponge Iron Limited and Amtek Metal and Mining to set up a 1.5 mtpa and 2 mtpa steel plants respectively, received the nod from the High Level Clearance Authority (HLCA) chaired by Chief Minister, Mr. Naveen Patnaik.	BL 27-Jan-10 SBB 22-Jan-09 MB 22-Apr-08
	(390)	DR x 3	(1500)	Steelmkg			

Country: **INDIA (71)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Tata Steel Limited (TISCO)					P		
Integrated steel mill project in Chhattisgarh			(2000)	(Unlikely)		After a delay of more than three years, India's Tata Steel Ltd hopes to begin constructing its planned 5.5m tonnes/year integrated greenfield steel mill in Bastar in the central state of Chhattisgarh early 2010. The first 2m t/y phase will be commissioned within 48 months of building starting. The company is confident about getting all the land it requires within the next four months, after which it plans to begin construction. Tata is also progressing with obtaining the requisite environmental clearances from the central government.	SBB 15-Oct-09 NET 06-Aug-09 MB 22-Nov-06
			(2000)	Steelmkg			
Integrated steel mill project in Jharkhand			(6000)	(Unlikely)		Owing to political difficulties, the iron ore-rich east Indian state of Jharkhand will not issue any new iron ore mining and prospecting licences until March 2010. This may further delay the expansion plans of companies such as ArcelorMittal, Tata Steel and JSW Steel, which have been seeking mining leases in the state. Tata Steel signed a Memorandum of Understanding (MoU) with the government of Jharkhand in September 2005 to set up a 12 million tpy greenfield steel plant at a cost of USD 9.58 billion. The new steel plant will be built in the Manoharpur and Chandil areas of Jharkhand and Tata will develop iron ore and coal mines in the state to supply raw materials to the steel plant. The plant will be built in two phases. The first phase will install 6 million tpy of capacity and will take 36-54 months.	SBB 04-Oct-09 SBB 25-May-09 MB 22-Nov-06
			(6000)	Steelmkg			

Country: **INDIA (72)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Integrated steel mill project in Kalinganagar (Orissa)			(3000) (3000)	(Unlikely) Steelmkg	2014-2015	Preliminary work on the 6 mtpa capacity greenfield steel plant at Kalinganagar, Orissa focusing on land acquisition, rehabilitation and resettlement work is in progress. In order to enhance the employment opportunities of the people in the area including the displaced families, the company is conducting skill development training programmes at Kalinganagar to enable them to seek gainful employment. As the company has fulfilled its obligation of placing the order for equipment and services stipulated in the MoU signed with the Orissa state government, it is seeking the grant of the mining lease for iron ore from the Government. Tata Steel has placed orders for all the critical equipment for the plant, including a 1.5 mtpa coke battery, a 5.75 mtpa sinter plant, a 3.2 mtpa blast furnace and a steel meltshop and a hot strip mill, each of 3 mtpa capacity. The project is being constructed in two phases of 3 mtpa each. According to the local press, the company set a target of 2014-15 for commissioning the plant.	HP BL 16-Sep-09 MB 21-Oct-08

Country: **INDIA (73)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Jamshedpur, Jharkhand	6800		2900	(Firm)	2011	Tata Steel is in the process of increasing its crude steel capacity to 10 mtpa at its Jamshedpur Works by the year 2011. As part of this programme, the first phase which entails reaching a crude steel capacity of 6.8 mtpa has essentially been completed. Project work pertaining to taking the capacity from 6.8 million tonnes to 9.7 million tonnes is moving at a rapid pace. This includes setting up a new ‗I' blast furnace, a pellet plant with a capacity of 6 mtpa, thin slab casters and rolling mill, two new lime kilns as well as augmentation of the iron ore mines at Noamundi and Joda. Orders for the supply of equipment have been placed. Site work is in progress for most of the facilities. Simultaneously, Tata also has a few major capital projects underway like the capacity augmentation of the hot strip mill, coke dry quenching at coke ovens batteries 5, 6 & 7 and setting up a new mill at Bara for producing full hard cold rolled coils.	HP
	(7550)	BF x 8	(3050)	BF			
	(6800)	LD x 4	(2900)	LD			
		LF		CC (tsc)			
		CC (slab)		Hot			
		CC (billet)					
	(870)	STR x 2					
	(370)	WR					
	(3100)	Hot					
	(1200)	Cold					
	(400)	HGL x 2					
Tubes Division							
	(300)	ERW x 2					
Wire Division (Tata Wiron)							
	(100)	Cold					
	(265)	WR					
Tayo Rolls Ltd					P		
Gamharia, Jamshedpur	30						
	(40)	BF					
	(30)	EF					
		IF					
	(30)	CC					

Country: **INDIA (74)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
ThyssenKrupp Electrical Steel India Pvt Ltd (formerly EBG India)					P			
Nashik, Maharashtra								
	(200)	Silicon						
Tinplate Co of India Ltd (TCIL)					P			
Jamshedpur, Jharkhand				(Firm)		2010	Tata Steel is to install a new cold strip rolling mill to provide black plate to Tinplate Company of India (TCIL) which is working to double its production capacity for tinplate. Tata says the new single-stand 6-high reversing mill will supply 220,000 tonnes/year of full-hard coils to TCIL, which has recent started operation of a 200,000 t/y second tinning line. TCIL's tinplate capacity now stands at 380,000 t/y. The mill will be supplied and installed within 20 months by CMI FPE Ltd – the Indian company formerly known as Flat Products Equipment that was recently acquired by CMI of Belgium.	SBB 10-Nov-08 SBB 23-Sep-08
	(190)	Cold	(220)	Cold				
	(379)	Tin Plate x 2						
Tube Investments of India Ltd								
Tube Products of India								
	(100)	Cold x 4						
	(135)	ERW x 7						
Tulsyan NEC Ltd								
Tamil Nadu	72						During the Oct-Dec quarter 2009, Tulsyan NEC purchased Chitrakoot Steel and Power P Limited, Gummudipoondi, a sponge iron manufacturing plant having capacity of 30,000 MT per annum in Tamil Nadu and commercial production will be started during February 2010.	NET
	(30)	DR						
	(72)	Steelmkg						
	(108)	STR						

Country: **INDIA (75)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Universal Steel & Alloys Ltd (Bharat Gears Ltd)							
Faridabad, Haryana	50						
	(50)	EF					
Usha Martin Ltd							
Jamshedpur, Jharkhand	900			(Firm)	2010(BF), 2014(DR)	Indian manufacturer of specialty steel wires and wire ropes, Usha Martin Ltd, expects to commission a second blast furnace in the first week of June 2010 at its works in Jamshedpur, Jharkhand. This would be followed by the commissioning of an 850,000 tonnes/year sinter plant in July. The 380 cubic metres furnace will have a steelmaking capacity of 1,000 tonnes/day. With the commissioning of this unit, Usha Martin expects to increase steel production capability at Jharkhand from 500,000-600,000 tonnes/year presently to about 800,000 t/y. This will enable the firm to boost output of straight bars, wire rods and bright bars at the works from 350,000 t/y presently to 600,000 t/y. At Jamshedpur, Usha Martin operates a 600 t/d blast furnace, three direct reduced iron plants (800 t/d) and three electric arc furnaces. Over the next three years, Usha Martin plans to build a fourth DRI unit with a capacity of 100,000 t/y, along with a 600,000 t/y pelletizing plant, an iron ore beneficiation plant, and a 400,000 t/y coke oven plant.	SBB 14-May-10 MB 14-May-09 HP
		(special steel)					
	(300)	DR x 3	(100)	DR			
	(200)	BF	(400)	BF			
	(900)	EF x 3					
		LF					
	(1000)	CC (billet)					
	(275)	BLM					
	(122)	STR					
	(400)	WR					

Country: **INDIA (76)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Uttam Galva Steels Ltd							
Maharashtra project			(1000) (1000)	(Unlikely) Steelmkg		ArcelorMittal has purchased a 29% stake in Indian cold roller and galvanizer Uttam Galva Steels Ltd (UGSL) through an open offer of shares. It paid INR 4.2bn (USD 91m). Together with the shares bought from UGSL's controlling shareholders, ArcelorMittal's total stake in UGSL is 34.42%. UGSL officials were also planning a 1m tonnes/year integrated steelworks in Satarda in the western state of Maharashtra in a joint venture with ArcelorMittal, according to local reports in mid-January.	SBB 03-Feb-10
Orissa project			(3000) (3000) (3000)	(Unlikely) Steelmkg Hot		Uttam Galva Steels plans to install a fully integrated 3m t/y hot strip plant in Orissa, eastern India. It signed a memorandum of understanding (MoU) with the Orissa government in October 2006 to set up the plant.	SBB 18-Oct-06
Raigad, Maharashtra	(1000) (750) (90)	Cold x 4 HGL x 3 Ptg	(500)	(Possible) BF	2010	India's Uttam Galva Metallics Ltd (UGML) expects to commission its new 500,000 tonnes/year pig iron plant in the western state of Maharashtra in June 2010. The new works at Wardha is in the final stages of commissioning. UGML will source about 800,000 t/y of iron ore from domestic miner NMDC to feed its 500 cubic metre blast furnace procured from China. The pig iron works will also have a 500,000 t/y coke plant which is currently being commissioned and scheduled to start commercial production in the July-September quarter.	SBB 26-May-10 MB 06-Feb-09

Country: **INDIA (77)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Vardhman Special Steels					P		
Ludhiana, Punjab	100						
	(100)	EF					
	(100)	LF					
	(100)	CC					
		SLM					
		BLM x 3					
	(60)	STR x 3					
Vashisht Alloys							
Himachal Pradesh	15						
		(stainless steel)					
	(15)	IF					
	(12)	SLM					
	(12)	BTM					
	(12)	STR					
	(15)	Plate					
Vedanta Resources							
Orissa project			(10000)	(Unlikely)		Vedanta Resources, owner of India's largest privately-owned iron ore miner Sesa Goa, has firmed up plans to build an integrated steelworks in the eastern Indian state of Orissa. UK-headquartered Vedanta has been planning an integrated steel plant in Orissa for some years, and in early 2008 identified a possible site in Keonjhar district. Vedanta put its plans on hold in September 2008 but decided to revisit them in July 2009 when it decided to build the works through Sesa Goa.	SBB 27-Jan-10
			(10000)	Steelmkg			SBB 21-Jul-09
Venkatesh Steels Ltd							
Dist Raigad							
		(stainless steel)					
	(36)	STR x 2					

Country: **INDIA (78)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Venus Castings (Pvt) Ltd							
Uttar Pradesh	24						
	(24)	EF					
Venus Wire Industries Pvt Ltd					P		
Maharashtra	120						ISWW
		(stainless steel)					
	(120)	EF					
	(120)	CC (billet)					
	(120)	BLM					
	(96)	STR					
	(180)	WR					
Vidarbha Iron & Steel Corp Ltd					P		
Nagpur, Maharashtra	60						
		(stainless steel)					
	(60)	EF					
		AOD					
		LF					
		CC (bloom)					
	(70)	STR x 2					

Country: **INDIA (79)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Videocon Group							
Integrated steel mill project in West Bengal			(3000)	(Unlikely)		The Videocon Group on Wednesday expressed inability to start work on its INR 21,000 crore steel project at Durgapur in West Bengal till it gets coal linkages. The 3 million tonne project, which includes a 1,200 megawatt captive power plant, has been hanging fire for the last two years. In October 2007 Videocon Industries Limited signed a Memorandum of Understanding (MoU) with the West Bengal government for setting up a 3 million ton steel plant and a 1200 MW power plant in the Asansol-Durgapur region in Burdwan district.	NET 07-Jan-10 ET 13-Oct-09
			(3000)	Steelmkg			
Vijayaa Steels Ltd (Tulsyan Group of Companies)					P		
Bangalore							HP
	(78)	STR					
Kunigal	110						HP
	(110)	IF					
Nelamangala in Bangalore	48						HP
	(30)	DR					
	(48)	IF					
	(7)	STR					
Vipras Castings Ltd					P		
Mumbai, Maharashtra							
		IF					
		LF					
		BTM					

Country: **INDIA (80)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Viraj Group							
Tarapur, Maharashtra	348 (stainless steel) (348) (348) (200)	 IF x 4 AOD CC (billet) STR WR SMLS	(850) (850)	(Unlikely) (stainless steel) Steelmkg	2009-2013	According to managing director Nitan Chhatwal, stainless steel long products' maker, the Viraj Group of India, plans to build a nickel alloy plant to ensure supplies for its operations. The in-house capacity would be 25,000 t/y, he said. The group is also looking to acquire nickel ore mining rights in the Philippines to ensure supplies for its planned expansion. India's largest producer of stainless steel long products, Viraj is building an 850,000 t/y stainless steel flat products mill near Mumbai at a cost of USD 670 million. According to Chattwal, construction is scheduled to start within six months and the plant is expected to be operational by 2009.	NET 14-Jun-07 MB 11-Feb-08
Visa Steel Ltd					P		
Integrated steel mill project in Chhattisgarh			(2500) (2500)	(Unlikely) Steelmkg		India's Visa Steel has signed a memorandum of understanding (MoU) with the Chhattisgarh state government to build a 2.5 million tpy integrated steel plant. The plant is estimated to cost INR 47.5 billion (USD 1.1 billion), the company told Bombay Stock Exchange (BSE). Visa Steel plans to produce 1 million tpy long products at the Chhattisgarh plant in the first phase.	MB 20-Aug-08 NET HP
Kalinganagar, Orissa	(300) (225)	DR x 2 BF	500 (500) (500)	(Firm) (special steel) EF AOD CC WR	2010	India's Visa Steel will commission the 500,000 tpy first phase of a 1.5 million tpy integrated steel plant in Orissa state from 2010. The plant is located at the Kalinganagar industrial complex in Jajpur district, close to raw materials, domestic markets and ports at Paradip and Dhamra. It has so far completed 90% of civil work, 99% of structural fabrication, 91% of structural erection of its meltshop, and 70-78% of construction work for the bar and wire rod mill.	SBB 24-May-10 MB 17-Apr-09

Country: **INDIA (81)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Vishwas Steels Ltd							
Goa	156						
	(156)	IF					
Tarapur							
	(120)	STR					
VSL Steels Ltd (formerly SLR Steels Ltd)							
Chitradurga, Karnataka			(400)	(Unlikely)	2011	VSL Steels Ltd plans to construct an additional blast furnace and steel melting shop with rolling mills.	HP
	(150)	BF	(400)	Steelmkg			
Welspun Gujarat Stahl Rohren Ltd							
Anjar, Gujarat.				(Firm)	2010-2011	300,000 tpy LSAW Pipe mill project at Anjar, India is likely to be completed in second half of FY 2011.	HP
	(500)	SAW	(300)	SAW			
	(250)	ERW					
Dahej, Gujarat						Welspun's Dahej mill produces 350,000 tpy of LSAW pipes and 50,000 tpy of HSAW pipes. SAW pipes are used mainly to transport oil and gas.	
	(400)	SAW					
Spiral pipe mill project in Bangalore				(Firm)	2010	100,000 tpy (Including fabrication) Spiral Pipe mill project in Bangalore, India, to cater to pipe demand in water segment shall be ready in the first half of FY 2011. Another 200,000 tpy (Including fabrication) Spiral Pipe mill projects in other parts of India are being planned to cater to pipe demand in Oil and water segments, which will be ready over next 15 months and shall entail an investment of about INR 1.5 billion.	HP
			(100)	SAW			

Country: **INDIA (82)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Welspun Plate and Coil Mill Division (Anjar, Gujarat)	(1500)	Plate				Indian welded pipe producer Welspun Gujarat Stahl Rohren Ltd plans to float its plate/coil division off into a separate company to improve efficiency. The wholly-owned subsidiary would be established within four months, subject to statutory and regulatory approvals. Welspun commissioned its 1.5m tonnes/year Steckel mill for plate and hot rolled coil in Anjar in the western state of Gujarat in April 2008.	SBB 28-Apr-09
Welspun Power & Steel Ltd							
Anjar, Gujarat	60						
	(130)	DR					
	(60)	IF					
	(60)	BTM					
		STR					
Integrated steel mill project in Orissa			(3000)	(Unlikely)		Peeved over the delay in execution of its various projects in the state, the Orissa government has asked Welspun Power & Steel Ltd to provide information on milestones it has achieved in this regard. The company signed a memorandum of understanding in October 2006 with the Orissa government for building a 3 million tonne steel plant. It also proposed to set up a 5 million tonne iron ore beneficiation unit at Nayagarh in the district of Keonjhar and a 3 million tonne pelletisation unit at Dhamra with a combined investment of about INR 8,000 crore.	BS 17-Dec-09
			(3000)	Steelmkg			

Country: **INDIA (83)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Welspun Maxsteel Ltd (formerly Vikram Ispat)			1500	(Possible)	2011-2012	India's Welspun Power & Steel Ltd (WPSL) has firmed up plans for a greenfield slab plant in the western state of Maharashtra by signing a memorandum of understanding with the state government on 18 August 2009. The 1.5m tonnes/year plant, which WPSL has been planning since May 2008, should start up by April 2012. WPSL says it has acquired 101 hectares of land on which to construct the plant in Alibag, in the Raigad district 35 km from Mumbai. The slabs produced will be mainly for WPSL's internal consumption as feeds for the 1.5m t/y plate and coil mill operated by WPSL's sister company Welspun Gujarat Stahl Rohren. But in the future, the company may consider supplying slabs to other customers. Feeds for the slab plant will be direct reduced iron supplied by the gas-based DRI units belonging to Welspun Maxsteel Ltd, a WPSL subsidiary. The DRI units are located on land adjoining that designated for the slab plant and were acquired by Maxsteel from Vikram Ispat Ltd in May 2009. WPSL will also raise Welspun Maxsteel's DRI output to 1.5m t/y by 2011 from the current 900,000 t/y. Currently it has no plans for installing a blast furnace at the Raigad works.	SBB 24-Aug-09 MB 19-Aug-09
	(900)	DR	(600) (1500) (1500)	DR Steelmkg CC (slab)			
Western Ministil Ltd							
Mumbai	64						
	(64)	EF x 2 CC					

Country: **INDIA (84)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Xindia Steels Ltd							
Integrated steel mill project in Karnataka			(2500)	(Unlikely)		China National Metal Products Imp. & Exp. Co, a subsidiary of China Minmetals Corp and Xinxing Heavy Industry Co. a subsidiary of Xinxing Ductile Pipes Group (Xinxing), are to build a 2.5m tonnes/year steelworks in the southern Indian state of Karnataka. Xindia Steels Ltd was founded on 28 February 2008 in India, with the Chinese companies holding 55%. The Indian partners are Sigma MinMet Ltd, Manasara Group and Kelachandra Group.	SBB 05-Mar-08 HP
			(2500)	Steelmkg			
Zenith Birla (India) Ltd					P		
Raigad, Maharashtra							
	(120)	ERW					

Country: **INDONESIA**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
China's Tsingshan & PT Aneka Tambang (Antam) JV								
Obi Island, North Maluku			(300) (300)	(Unlikely) (stainless steel) Steelmkg		2010	PT Aneka Tambang (Antam) has halted a joint venture with China's Tsingshan Holding Group to develop nickel deposits at Obi island, South Halmahera, and to build a 300,000 tpy integrated ferro-nickel and stainless steel mill. This was due to the South Halmahera regional government withdrawing the mining licence. After Antam's talks with the authorities collapsed, Antam filed a petition that has since been rejected, and followed that up with an appeal, which is pending.	MB 06-Apr-09 MB 05-Nov-07
Indo Mines Ltd					P			
Yogyakarta pig iron plant project (Central Java)			(1000)	(Possible) BF		2012	Australia's Indo Mines Ltd is set to produce 1 million tonnes of pig iron from its project on Indonesia's Java island by 2012, despite the impact of the global credit crisis. Indo Mines has a 70 percent share in PT Jogja Magasa iron, an Indonesian firm planning to mine iron sand and set up Indonesia's first pig iron smelter in central Java's Yogyakarta province. The firm, which signed a USD 1.1 billion mining contract in November 2008, will begin exploration of iron sands in 2011 and expects commercial production of 1 million tonnes of pig iron per year to start in 2012.	REU 25-Feb-09 HP

Country: **INDONESIA (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
JSL Ltd & PT Aneka Tambang (Antam) JV							
Stainless steel plant project			(250)	(Unlikely) (stainless steel) (250) Steelmkg		India's largest stainless steel producer JSL (formerly Jindal Stainless) has dropped out of a ferro-nickel and stainless steel joint venture project with Indonesia's PT Aneka Tambang (Antam). Antam is now studying how best to approach the project post-Jindal, and has not determined estimated dates on construction and commissioning as yet. As originally conceived, the project aimed to construct a ferro-nickel smelter with 20,000 tonnes/year capacity and a stainless steel plant of 250,000 t/y. In 2008 when JSL and Antam signed an agreement to build the project, construction and commissioning was envisioned for early 2009 and mid-2011 respectively.	SBB 01-Jun-09 MB 06-Apr-09
PT Bakrie Pipe Industries					P		
Bekasi	(300)	ERW x 2					
PT Bhirawa Steel							
Surabaya	(250)	STR					
PT Bisma Narendra							
Bikasi, West Java	(100)	HGL					

Country: **INDONESIA (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
PT BlueScope Steel Indonesia					P		
Cilegon plant, West Java				(Firm)	2011	Australia's BlueScope Steel has restarted work on a second coil-coating line in Indonesia because of improved demand, with commissioning due mid-2011. The new line at the company's Cilegon plant on Java will have a capacity of 165,000 tonnes/year of metallic-coated, and 120,000 t/y of painted coil. BlueScope's existing line in Indonesia has a 100,000 t/y capacity of metallic coated and 40,000 t/y of painted steel.	SBB 03-Dec-09
	(100)	ZnAl	(165)	ZnAl			
	(40)	Ptg	(120)	Ptg			
PT Budidharma Jakarta					P		
Tanjung Priok	150						
	(150)	EF					
	(150)	CC (billet)					
	(150)	STR					
PT Bumi Kaya Steel Industries					P		
Jababeka							
	(50)	ERW x 3					
Pulogadung							
	(100)	ERW					
PT Citra Tubindo Tbk					P		
Batam							
	(120)	SMLS					

Country: **INDONESIA (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
PT Delta Prima Steel							
Plehari, South Kalimantan			100	(Firm)	2011	Indonesia's PT Delta Prima Steel plans to start commissioning a 100,000 tpy billet mill in Plehari, South Kalimantan province, in the first quarter of 2011. The plant will have direct reduction iron (DRI) facilities and construction of the plant will start in early 2010, with plant feed supplied from PT Delta Prima Steel's mine near by. A further 1 million tpy in billet capacity in South Kalimantan province is under construction, together with 615,000 tpy of DRI capacity.	MB 02-Dec-09
				DR			
			(100)	Steelmkg			
PT Dharma Niaga Putera Steel							
Sumatra Selatan							
	(15)	HGL					
PT Duta Cipta Pakarperkasa (DCP) (Bukit Jaya Group)							
Gresik							SBB 25-Dec-08
	(120)	STR					
PT Essar Indonesia							
Bekasi, West Java							
	(400)	Cold					
	(150)	HGL					
PT Fumira							
Semarang, Central Java						A joint venture with Mitsui and Nippon Steel.	
	(150)	HGL					
	(60)	Ptg					

Country: **INDONESIA (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
PT Growth Sumatra Industry (Growth Steel)							
Medan	200					Growth Steel Group currently operates an EAF meltshop and a rolling mill in Medan, North Sumatra, and it produces around 200,000 t/y of deformed and angle bar.	SBB 31-Oct-07
	(200)	EF					
	(200)	STR					
PT Gunawan Dian Steel Pipe					P		
Surabaya						It was reported that PT Gunawan Dian Steel Pipe was seeking finance help to complete the installation of a 300 000 tpy UOE pipe mill at its Surabaya works. The mill was initially due to be commissioned in the second quarter of 1998.	MB 09-Nov-00
		SAW					
PT Gunawan Dianjaya Steel					P		
Surabaya, East Java					2011-2012	PT Gunawan Dianjaya Steel of Indonesia is planning to expand its hot rolled plate capacity by around 30% from its existing capacity of 350,000 tonnes/year. It plans to upgrade its rolling mill located at Surabaya, east Java, and complete this in 2011 or early 2012.	SBB 13-Oct-09
	(350)	Plate	(100)	Plate			
PT Gunung Gahapi Sakti (Gunung Steel Group)					P		
Medan, North Sumatra	120						
	(120)	EF					
	(120)	CC (billet)					
	(200)	STR x 3					
PT Gunung Garuda (Gunung Steel Group)					P		
Bekasi, West Java	180						
	(180)	EF					
	(180)	CC (bloom)					
		STR x 3					

Country: **INDONESIA (6)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
PT Semeru Surya Steel				(Unlikely)			PT Semeru Surya Steel, a subsidiary of local steel producer Gunung Garuda Steel Group, has acquired land for its 300,000 tpy DRI plant. Construction is expected to take two years.	MB 18-Aug-08
			(300)	DR				
PT Gunung Raja Paksi (Gunung Steel group)					P			
Bekasi, West Java								
	(500)	Hot						
	(200)	Plate						
		SAW						
PT Hanil Jaya Steel					P			
Waru, Sidoarjo	180							
	(180)	EF						
		CC (billet)						
	(360)	STR x 3						
PT Indoferro (Growth Steel Group)					P			
Cilegon			600	(Firm)		2011	Indonesia's PT Indoferro plans to build a 600,000 t/y steel billet plant at Cilegon, in the Javanese province of Banten. To be located near state-owned PT Krakatau Steel, the project involves the installation of a 450 cubic-metre blast furnace and 40-tonne basic oxygen furnace. PT Indoferro has postponed the commissioning its blast furnace from 2010 to 2011. PT Indoferro's owner, Growth Steel Group, will take the majority 70% share while Singaporean trader and stockist, Lee Metal Group, will take the minority share as the project's financial investor.	SBB 31-Oct-07 HP NET
			(500)	BF				
			(600)	LD				
			(600)	CC (billet)				

Country: **INDONESIA (7)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
PT Indonesia Steel Tube Works					P		
Jakarta						Total annual production capacity is 96,000 tonnes. Japan's Metal One Corp, a subsidiary of Mitsubishi Corp holds a stake of 60% in PT Indonesia Steel Tube Works and Japan's Maruichi Steel Tube has 20%.	
		ERW					
Semarang							
		ERW					
PT Industri Baja Garuda							
Medan, North Sumatra						It is reported that PT Industri Baja Garuda in Medan merged with PT Industri Galvaneal Mas. Both steel mills belonged to the same company group.	NET
PT Industri Galvaneal Mas					P		
Medan, North Sumatra							
	(86)	WR					
	(100)	Cold x 2					
	(256)	HGL x 2					
	(46)	ERW x 2					
	(12)	Ptg					
PT Intan Nasional Iron Industri							
Medan							
	(60)	Cold					
	(72)	HGL					
		Ptg					

Country: **INDONESIA (8)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
PT Inter World Steel Mills Indonesia					P		
Tangerang	180						
	(180)	EF					
	(180)	CC (billet)					
	(240)	STR					
PT Inti General Yaja Steel							
Semarang	100						
	(100)	EF x 2					
	(100)	CC (billet)					
	(156)	STR x 3					
PT Ispat Indo					P		
Surabaya	700						
	(700)	EF					
		LF					
	(700)	CC (billet)					
	(650)	WR x 2					
PT Jakarta Cakratunggal Steel Mills							
Pulogadung	420						
	(420)	EF					
	(420)	CC (billet)					
	(360)	STR					
PT Jakarta Kyoei Steel Works					P		
Pulogadung							
	(120)	STR					

Country: **INDONESIA (9)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
PT Jakarta Prima Steel					P		
Pulogadung	900					PT Jakarta Prima Steel Industries (PT JPSI) was formerly known as PT Tosan Prima Murni. PT JPSI, which is engaged in steel manufacturing, was originally established as PT Badja Indonesia Utama (PT BIU) in 1972.	NET
	(900)	EF x 4					
	(900)	CC (billet) x 3					
PT Jakarta Steel Megah Utama							
Pulogadung	410						
	(410)	EF					
	(410)	LF					
	(410)	CC (billet)					
	(480)	STR x 2					
PT Jakarta Steel Perdana Industry							
Tangerang							
	(180)	STR					
PT Jatim Taman Steel							
Sidoarjo	120						
	(120)	EF x 2					
		IF x 2					
	(260)	STR x 4					
	(132)	CC (billet)					
PT Jaya Pari Steel							
Surabaya							
	(60)	Plate					

Country: **INDONESIA (10)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
PT Jindal Stainless Indonesia (formerly PT Maspion Stainless Steel Indonesia)					P		
Gresik, East Java							
	(150)	Cold					
PT Kalimantan Steel Co							
Pontianak							
	(18)	HGL					
Surabaya							
	(2)	HGL					
PT Kerismas Witikco Makmur							
Bitung, Sulawesi Island							
	(12)	HGL					
Cilincing area, Jakarta							
	(36)	HGL					
	(50)	ptg					
PT KHI Pipe Industries (Krakatau Steel Group)							
West Java						PT KHI Pipe Industries is a subsidiary of PT Krakatau Steel and the company was formerly known as Krakatau Hoogovens International Pipe Industries.	
	(200)	SAW					
	(70)	ERW					

Country: **INDONESIA (11)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
PT Krakatau Steel					S		
Cilegon, West Java	2900			(Possible)	2012	PT Krakatau Steel (PTKS) has called tenders for the supply of a new 1.25m tonnes/year blast furnace to feed charged hot metal directly into existing electric arc furnaces when the unit starts operating by late-2012. The blast furnace and accompanying infrastructure and utilities will involve a minimum USD 450m investment. PTKS is also in the process of upgrading its hot strip mill. This could be completed as early as October/November 2010. The company's new 315,000 t/y capacity DRI plant is being constructed in South Kalimantan and should commence production in 2011.	SBB 11-Nov-09
	(2300) (2900) (500) (450) (2500) (850)	DR x 5 EF x 10 CC (slab) x 3 CC (billet) x 2 WR Hot Cold	(1250)	BF Hot			
Integrated steel mill project (Krakatau & Posco JV)			(3000)	(Unlikely) BF Steelmkg CC (slab) Hot Plate	2013 (1st)	Indonesian state-owned company, Krakatau Steel is aiming to seal an agreement in early May 2010 with Korea's Posco to set up a joint-venture company for a proposed 6 million tonnes/year integrated steelworks at Cilegon-Banten, west Java. The joint-venture company will not, however, be set up until July or August as it needs to pass through government administration before being allowed to start production. The first phase will yield a 3m t/y capacity of slab, hot rolled coil and plate mill and is estimated to cost around USD 3bn. The total investment for the project is USD 6bn, and start-up is planned for late 2013 or early 2014.	SBB 08-Apr-10 SBB 03-Dec-09 MB 02-Dec-09 HP
Pig iron plant JV (Cilegon)			(300)	(Unlikely) BF	2010	Krakatau Steel's affiliated company PT Dana Pensiun Krakatau Steel and PT Mitra Investasi Artaperdana have signed a joint venture agreement to build a 300,000 tpy pig iron plant. The plant will be built in Krakatau Steel's current plant complex in Cilegon in West Java province and will be ready for commissioning in 18 months.	MB 29-Dec-08

Country: **INDONESIA (12)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
PT Meratus Jaya Iron & Steel (Krakatau & Antam JV)				(Firm)	2011	PT Krakatau Steel aims to soon commence building its proposed 315,000 tonnes/year direct reduced iron plant at Batulicin, Tanah Bumbu Regency in the Indonesian province of South Kalimantan. The Indonesian steelmaker plans to hold a ground-breaking ceremony for the proposed plant by end-April or early May 2009. The project is expected to start commercial operations in 2011. Current planning says PTKS will take a 66% share of the project, and Indonesian miner PT Aneka Tambang (Antam) the remaining 34%.	SBB 30-Mar-09 SBB 25-Apr-08 MB 07-Dec-09
			(315)	DR			
PT Krakatau Wajatma (Krakatau Steel Group)					S		
Cilegon							
	(300)	STR x 2					
PT Latinusa (Krakatau Steel Group)					S		
Cilegon				(Unlikely)		Indonesia's PT Krakatau Steel will be offering the public an 18% shareholding in its tinplate subsidiary, PT Pelat Timah Nusantara (Latinusa), on 14 December 2009. Another 2% of the tinplate maker will be offered to employees and the management. State-owned Krakatau sold the majority 55% share in Latinusa on 11 November to a Japanese consortium for nearly USD 60m. Nippon Steel will hold 35%, while Mitsui & Co will hold 10% and trading companies Metal One Corp and Nippon Steel Trading 5% each. PT Krakatau Steel will retain a 20.1% share in the tinplate company after the Indonesia stock exchange listing is completed. Latinusa is operating at 100,000-110,000 tonnes/year of its 130,000 t/y plant in Cilegon, West Java. Nippon Steel plans to lift the production capacity to 160,000 t/y but details of the expansion schedule have not been finalised.	SBB 18-Nov-09
	(130)	Tin plate	(30)	Tin plate			

Country: **INDONESIA (13)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
PT Little Giant Steel (Raja Besi Group)					P		
Semarang, Java							
	(150)	Cold					
PT Mandan Steel							
South Kalimantan			1000	(Possible) (special steel)	2011-2012	China's Zhengzhou Yongtong Special Steel has signed a memorandum of agreement with Mandan Steel to jointly operate Mandan's 1 million tpy billet plant in Indonesia's Kalimantan province. Zhengzhou Yongtong, which is based in Henan province, will lend technical assistance to Mandan's project. The Chinese steel company may also take a stake in the plant, but this is yet to be decided. Mandan Steel, which is a subsidiary of Hong Kong-listed China Nickel Resources Holding, hopes to commission the project in the first half of 2011. It plans to expand the billet plant's capacity to 3 million tpy in a later phase of the project.	MB 02-Dec-09 MB 26-Aug-09 MB 20-Nov-08
			(1000)	Steelmkg			
			(1000)	CC (billet)			
PT Maxifero Steel Industry							
Jakarta Selatan	96						
	(96)	EF					
	(96)	STR					
PT Pabrik Besi Baja Barawaja							
Makassar, South Sulawesi	35						
	(35)	EF					
	(35)	CC					
	(35)	STR x 4					

Country: **INDONESIA (14)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
PT Pabrik Pipa Indonesia					P		
Pulogadung, Jakarta							
	(20)	ERW x 3					
PT Perkasa Indobaja (Texmaco Group)							
Subang						PT Perkasa Indobaja is a part of the Indonesian-owned Texmaco group.	
		(alloy steel)					
	(60)	STR					
	(90)	SMLS					
PT Perkasa Indosteel Alloy Steel Plant (Texmaco Group)							
Subang	180						
		(stainless steel)					
	(180)	EF					
	(180)	LF					
	(180)	CC (billet)					
PT Perusahaan Dagang dan Industri							
Surabaya							
	(50)	Plate					
	(84)	ERW					
PT Polyguna Nusantara							
Tabing, Sumatera Barat							
	(24)	HGL					
	(6)	Ptg					
PT Raja Besi							
Semarang							
	(120)	ERW					

Country: **INDONESIA (15)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
PT Seamless Pipe Indonesia Jaya (Tenaris Group)							
Cilegon	(120)	SMLS				On February 25 2009, Tenaris signed an agreement to acquire a 77% holding in Seamless Pipe Indonesia Jaya (SPIJ) from Bakrie & Brothers TbK, Green Pipe International Limited and Cakrawala Baru, for a purchase price of USD 72.5 million, with USD 24.9 million being payable as consideration for SPIJ's equity and USD 47.6 million as consideration for the assignment of certain sellers' loan to SPIJ. On April 29 2009, the acquisition of SPIJ into Tenaris was completed.	HP 29-Apr-09
PT Segoro Adidaya Steel							
Gresik-Jatim	(72)	STR					
PT Semarang Makmur							
Semarang	(45)	HGL x 2					
PT Sermani Steel Corp					P		
Surawesi Selatan	(30)	HGL x 2					
PT South East Asia Pipe Industries (SEAPI)					P		
Lampung, Southern Sumatra	(200)	SAW					

Country: **INDONESIA (16)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
PT Steel Pipe Industry of Indonesia (Spindo)					P		
Kec Beji, Pasuruan							
	(120)	SAW					
Surabaya							
		(stainless steel)					
	(174)	ERW					
PT Super Tata Raya Steel Corp							
Tangerang							
	(375)	ERW x 11					
		STR					
PT The Master Steel Mfg							
Gresik, East Java	200						
	(200)	EF					
	(130)	STR					
	(350)	WR					
PT Kesa Indotama	300						
(Jakarta)							
	(300)	EF					
		STR					
PT Pulogadung Steel Mfg	110						
	(110)	EF					
	(110)	CC					
	(110)	STR					
	(300)	WR					

Country: **INDONESIA (17)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Pulogadung, Jakarta Timur	360						
	(360)	EF					
		CC (billet) x 2					
	(360)	STR					
	(500)	WR					
PT Tobu Indonesia Steel							
Pulogadung							
	(120)	STR					
PT Toyogiri Iron & Steel					P		
Jakarta Pusat, West Java	120					The company produces reinforcing bars for the domestic construction market.	
	(120)	EF					
	(120)	CC (billet)					
	(120)	STR					
PT Tumbakmas Inti Mulia							
Bekasi, Java							
	(160)	HGL x 2					
	(40)	Ptg					
PT Wuhan							
Jakarta Utara							
	(6)	STR					

Country: **MALAYSIA**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Amalgamated Industrial Steel Bhd					P		
Selangor							
		(stainless steel)					
	(120)	ERW					
Amsteel Mills (The Lion Group)					P		
Amsteel II (Banting, Selangor state)	1250					Amsteel Mills completed the construction of Amsteel II facility in 2005, comprising a 1.25 million tpy meltshop, 500,000 tpy rolling mill, 160 tonne electric arc furnace, ladle furnace and a 6-strand continuous casting machine.	
	(1250)	EF					
		LF					
	(1250)	CC (billet)					
Klang, Selangor state	750					Amsteel Mills Sdn Bhd, a member of The Lion Group commenced operations in 1978. It operates two steel mills, in Klang and Banting. The Lion Group owns Amsteel Mills, Antara Steel Mills, Lion DRI, Lion Plate Mills and Megasteel in Malaysia.	HP
	(750)	EF					
	(750)	LF					
	(750)	CC (billet)					
	(300)	WR					
	(550)	STR x 2					
Ann Joo Integrated Steel Sdn Bhd (subsidiary of Ann Joo Resources Bhd)					P		
Prai, Penang				(Firm)	2010	Malaysia's Ann Joo Resources will start its 500,000 tpy blast furnace in the second half of 2010, boosting its billet capacity to 1.2 million tpy. Ann Joo previously said it would start the blast furnace in the second quarter of 2010, after delaying it for three times due to unfavourable market conditions. Commissioning was pushed back from end-2008 to March 2009, then to September, and then first quarter of 2010.	MB 15-Jan-10 MB 02-Jun-09 SBB 22-May-09
			(500)	BF			

Country: **MALAYSIA (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Ann Joo Steel Bhd (formerly Malayawata Steel)					P			
Prai, Penang	800		400	(Firm)		2010	Ann Joo Steel Bhd is a wholly owned subsidiary of Ann Joo Resources Bhd. The company has recently finished upgrading its 90t EAF shop, lifting billet capacity to 800,000 t/y from 750,000 t/y previously. Ann Joo Resources will start its 500,000 tpy blast furnace in the second half of 2010, boosting its billet capacity to 1.2 million tpy.	MB 15-Jan-10 MB 02-Jun-09 SBB 22-May-09
	(800)	EF	(400)	EF				
	(680)	CC (billet)	(520)	CC (billet)				
	(360)	STR x 2						
	(240)	WR						
Anshin Steel Industries Sdn Bhd (subsidiary of Ann Joo Resources Bhd)					P			
Shah Alam, Selangor state							Anshin Steel Industries Sdn Bhd (ASI), commenced operation in 1988, is a wholly owned subsidiary of Ann Joo Resources Bhd. ASI operates a hot rolled merchant bar mill with an installed capacity of 85,000 metric tons annually.	HP
	(85)	STR						
Antara Steel Mills Sdn Bhd (The Lion Group)					P			
Labuan, Sabah state								
	(880)	DR						
Pasir Gudang, Johor state	700						Antara Steel Mills became part of the Lion Group after it was acquired by Amsteel Mills from Johor Corporation Bhd, a state-owned agency in 2002. Antara operates a 700,000 tpy production facility and a 500,000 tpy rolling unit in Pasir Gudang, Johor. It also operates hot briquetted iron (HBI) plant in Labuan, an island located off the coast of the state of Sabah at the mouth of Brunei Bay.	
	(700)	EF						
	(700)	CC (billet)						
	(500)	STR						

Country: **MALAYSIA (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Bahru Stainless Sdn Bhd (Acerinox & Nisshin Steel JV)					P		
Johor Bahru			(1000)	(Unlikely) (stainless steel) CAPL	2011 (CR)	The cold rolling joint venture between Spain's Acerinox and Japan's Nisshin Steel at its Johor Bahru works in Malaysia, is due to start up its cutting lines halfway through 2010. The plant, which will be processing material coming from both Acerinox and Nisshin Steel, will start its cold rolling operation in the second half of 2011. The investment of these operations, the first phase of the project has now been increased to USD 370 million. In the first phase, the Malaysian unit's production capacity will amount to 240,000 tonnes/year; of this, 180,000 t/y will be cold rolled products. A 1m t/y meltshop will be built and CR capacity lifted to 600,000 t/y in the future.	SBB 02-Mar-10 SBB 17-Mar-09
			(180)	Cold (stn)			
			(1000)	Steelmkg			
			(1000)	Hot			
			(420)	Cold (stn)			
BlueScope Steel (Malaysia) Sdn Bhd							
Kapar, Selangor							
	(160)	ZnAl					
	(70)	Ptg					
Choo Bee Metal Industries Bhd					P		
Ipoh							
		(stainless steel)					
	(300)	ERW x 3					

Country: **MALAYSIA (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
CSC Steel Holdings Bhd (formerly Ornasteel & Group Steel)					P		
Ayer Keroh, Melaka				(Unlikely)		CSC Steel Holdings has deferred plans for an electrical steel project at its Malacca steelworks located in the south of peninsular Malaysia. CSC Steel has the capacity to produce 500,000 t/y of cold rolled products, 240,000 t/y of hot-dip galvanised steel, and 120,000 t/y of pre-painted galvanised steel. It was formerly known as Ornasteel Holdings Bhd. Ornasteel and Group Steel are Malaysian subsidiaries of Chinese Taipei's China Steel Corp (CSC). In June 2008 the name of Ornasteel Holdings Bhd and Ornasteel Enterprise Corp changed to CSC Steel Holdings Bhd and CSC Steel Sdn Bhd respectively. In January 2009 Group Steel is merged and acquired by CSC Steel Sdn Bhd.	SBB 24-Jul-09 HP
	(500)	Cold x 3	(100)	Silicon			
	(240)	HGL					
	(120)	Ptg					
Dah Yung Steel (M) Sdn Bhd					P		
	40						
	(40)	EF					
	(40)	CC (billet)					
	(50)	STR					

Country: **MALAYSIA (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Eastern Steel Sdn Bhd							
Integrated steel mill project			(700)	(Unlikely)	2012-13	Malaysia's Hiap Teck Venture Berhad will pay MYR 110m (USD 32.9m) for a 55% shareholding in Eastern Steel's proposed 700,000 tonnes/year mini blast furnace project in Telok Kalong, Kemaman, in Terengganu state on the eastern coast of peninsular Malaysia. The project backers envisage a first phase comprising a mini-BF of 530 cubic metres inner volume and a slab caster of 700,000 t/y capacity to be completed by 2012-13. In the second phase, a hot strip mill of around 350,000 t/y capacity will be installed. This will enable Hiap Teck to secure feedstock for its core pipe-making operations.	SBB 13-Jan-10
			(700)	BF			
			(700)	Steelmkg			
			(700)	CC (slab)			
Federal Iron Works Sdn Bhd					P		
Klang, Selangor							
	(200)	HGL					
	(80)	Ptg					
Hiap Teck Venture Bhd					P		
Alpine Pipe Manufacturing Sdn Bhd							
	(550)	ERW					
Hoto Stainless Steel Industries Sdn Bhd					P		
Port Klang, Selangor							
		(stainless steel)					
	(3)	ERW					

Country: **MALAYSIA (6)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Integrated Coil Coating Industries (subsidiary of Yung Kong Galvanising Ind)					P		
Klang, Selangor state	(60)	Ptg				Integrated Coil Coating Industries (ICCI) is a subsidiary of Malaysia's Yung Kong Galvanising Industries (YKGI) and it operates a 60,000 tpy colour-coating line a short distance away from YKGI's unit in Klang.	
Ji Kang Dimensi Sdn Bhd					P		
Pahang	(350)	Plate				Ji Kang Dimensi Sdn Bhd is a Malaysian subsidiary of China's Jinan Iron and Steel.	
Kanzen Kagu Sdn Bhd					P		
Shah Alam, Selangor	(85)	ERW STR				Kanzen Kagu is a wholly-owned subsidiary of Kanzen Tetsu Sdn Bhd, which is a subsidiary of FACB Industries Incorporated Berhad, a company listed on the Main Board of the Kuala Lumpur Stock Exchange.	HP
Kanzen Tetsu Sdn Bhd					P		
Shah Alam, Selangor	(15)	(stainless steel) ERW				Kanzen Tetsu is a subsidiary of FACB Industries Incorporated Bhd, a diversified conglomerate listed on the Main Board of the Kuala Lumpur Stock Exchange.	HP
Kinsteel Bhd							
Kuantan, Pahang	(500)	STR x 7				Kinsteel currently owns 37% of listed entity Perwaja Holdings Bhd and 51% of Perfect Channel Sdn Bhd.	
Leader Steel Sdn Bhd							
Penang		STR					

Country: **MALAYSIA (7)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Lion Blast Furnace Sdn Bhd					P		
Expansion project (Blast furnace) (Banting)				(Firm)	2010	The Lion Group plans to start operating its first blast furnace with a capacity of 2.5 million tpy in the third quarter of 2010. The blast furnace addition to its Banting steel complex will increase feedstock to Lion's two mills within complex, long producer Amsteel Mills and flat producer Megasteel.	MB 01-Jun-09 HP 04-Apr-08
			(2500)	BF			
Expansion project (Slab & Plate) (Banting)			(1600)	(Unlikely)		Further to the blast furnace project, the Lion Group is planning to install another 1.6 million tons capacity of LD converter – ladle furnace – vacuum oxygen degassing - slab caster - medium size plate mill with an investment of MYR 1.75 billion. Plans to install a 1.6m t/y slab caster and 1.6m t/y plate mill will take place after the blast furnace project is completed.	HP 04-Apr-08 SBB 20-Aug-08 MB 01-Jun-09
			(1600)	LD			
			(1600)	CC (slab)			
			(1600)	Plate			
Lion DRI Sdn Bhd (The Lion Group)					P		
Banting, Selangor state						Malaysia's biggest steelmaker, Lion Group, commissioned a 1.54 million tpy direct reduced iron (DRI) plant at Lion's steel complex in Banting, Selangor in May 2008.	MB 21-May-08
	(1540)	DR (MIDREX)					
Lion Plate Mills Sdn Bhd (formerly Gunawan Iron & Steel)					P		
Kemaman, Trengganu state						Malaysia's Lion Group has begun production of steel plate after restarting the former Gunawan Iron & Steel mill on the country's east coast. Lion Group is now rolling 8-30mm thick plate at the mill in Kemaman, Trengganu state. The mill is now operating as Lion Plate Mills Sdn Bhd, a wholly-owned subsidiary of the Lion Group.	MB 27-Mar-03
	(250)	Plate					

Country: **MALAYSIA (8)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Maegma Steel HRC Sdn Bhd (Melewar Industrial Group)							
Lumut			(1500)	(Unlikely)	2011	Maegma Steel HRC Sdn Bhd, a subsidiary of Melewar Industrial Group intends to construct DRI-based mini-mill to produce hot rolled coil.	HP
			(1800)	DR			SBB 16-May-08
			(1500)	Steelmkg			SBB 01-Oct-07
			(1500)	Hot			NET
Maju Steel Sdn Bhd							
Merlimau, Melaka							
	(132)	STR					
Malaysia Steel Works (KL) Bhd					P		
Bukit Raja, Klang, Selangor	450						
	(450)	EF					
		LF					
	(450)	CC (billet)					
Petaling Jaya, Selangor							
	(350)	STR					
Megasteel Sdn Bhd (The Lion Group)					P		
Banting, Selangor state	3200					Megasteel Sdn Bhd, a member of The Lion Group, is the first integrated steel mill in Malaysia to produce flat steel products with a capacity of 3.2 million tonnes of hot rolled coils and 1.45 million tonnes of cold rolled coils per annum.	HP
	(3200)	EF x 2					
		LF					
	(3200)	CC (tsc)					
	(3200)	Hot					
	(1450)	Cold					

Country: **MALAYSIA (9)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Melewar Steel Mills Sdn Bhd (Melewar Industrial Group)					P		
Shah Alam & Malacca	30						
	(30)	IF					
	(36)	STR					
Melewar Steel Tube Sdn Bhd (formerly Maruichi Malaysia Steel Tube)							
Shah Alam, Selangor							
	(180)	ERW x 15					
	(24)	HGL					
Mycron Steel CRC Sdn Bhd (formerly Cold Rolling Industry Malaysia)					P		
Shah Alam, Selangor				(Possible)	2012	Mycron Steel expanded to 260,000 tpy in 2009 from 180,000 tpy, and a new cold reduction mill is expected to come on line in around 2012 to raise capacity to 500,000 tpy. Melewar Industrial Group owns 54.5% of listed company Mycron Steel Bhd, which operates Mycron Steel CRC Sdn Bhd.	MB 09-Feb-10
	(260)	Cold	(240)	Cold			
Perfect Channel Sdn Bhd (51% owned by Kinsteel)							
Gurun, Kedah state						Kinsteel acquired the assets of Peruwaja Steel Gurun plant through Perfect Channel Sdn Bhd. Kinsteel currently owns 51% of Perfect Channel.	
	(700)	STR					
	(450)	WR					
Perusahaan Sadur Timah Malaysia (Perstima) Bhd							
Johor							
	(260)	Tin Plate x 2					

Country: **MALAYSIA (10)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Perwaja Steel					P		
Kemaman, Trengganu state	1300		750	(Firm)	2010 (EF)	Perwaja Steel is planning to commence operation of its new 750,000 tonnes/year capacity EAF in the second half of 2010 in tandem with signs of recovery in both local and global steel demand. It had originally planned an October 2009 start-up. The company is currently producing 100,000 tonnes/month of mostly billet and the remainder, bloom and beam blanks from two existing EAFs and 120,000 t/m of DRI. Semi-finished steel is trucked to the Gurun, Kedah state where 51%-owned Kinsteel subsidiary, Perfect Channel, operates a 450,000 t/y capacity bar/rod mill and a 700,000 t/y capacity beam and sections mill. Perwaja Steel is 37%-owned by Kinsteel.	SBB 27-May-09 SBB 05-Nov-08 MB 13-Mar-09
	(1500)	DR (HYL III)	(300)	DR			
	(1300)	EF	(1200)	BF			
	(1300)	CC (billet)	(750)	EF			
PMP Galvanizers Sdn Bhd							
Sarawak						Malaysian cold roller Mycron Steel will supply up to 75,000 tpy of cold rolled coil to PMP Galvanizers' newly commissioned 150,000 tpy galvanizing line.	MB 28-Aug-08
	(150)	HGL					
Prestar Steel Pipes Sdn Bhd					P		
Rawang, Selangor							
	(50)	ERW x 6					
Progress Steel Galvanising Sdn Bhd							
Rawang, Selangor							
	(36)	HGL					

Country: **MALAYSIA (11)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Ready Steel Sdn Bhd							
Selangor							
	(30)	STR					
Sibu Steel (Sarawak) Sdn Bhd					P		
Pending, Kuching						Malaysia's Kinsteel has dropped a plan to buy smaller rival Sibu Steel. Kinsteel signed a sale and purchase agreement in 2004 to acquire Sarawak-based Sibu Steel and had planned to expand Sibu Steel's capacity in debar, round bar and flats to 60,000 tpy from 36,000 tpy.	MB 22-Sep-05
	(36)	STR					
Southern Pipe Industry (Malaysia) Sdn Bhd							
Penang						Southern Pipe Industry is a subsidiary of Southern Steel Berhad.	
	(200)	ERW					
Southern Steel Bhd					P		
Prai, Penang	1500					Malaysia's Southern Steel is to expand the second billet caster at its steelworks in Penang. The revamping will boost product quality and raise casting capacity to 1m tonnes/year from the existing 800,000 t/y. Operational start-up is expected in third-quarter 2009. Southern Steel has an installed steelmaking capacity of 1.3m t/y and a rolling capacity of 1.2m t/y of long products. The excess 100,000 tonnes of billet is sold mostly to domestic re-rollers. After the revamping, the installed steelmaking capacity will rise to 1.5m t/y.	SBB 22-Dec-08
	(1500)	EF (DC) x 2 CC (billet) x 2					
	(700)	STR x 2					
	(650)	WR x 2					
Steel Industries (Sabah) Sdn Bhd							
Inanam, Sabah							
	(150)	STR					

Country: **MALAYSIA (12)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Yung Kong Galvanising Industries Bhd							
Klang, Selangor state							
	(250)	Cold					
	(150)	HGL					
Kuching, Sarawak province							
	(100)	HGL					
	(30)	Ptg					

Country: **PAKISTAN**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Abbas Steel Group								
Karachi			(500)	(Unlikely)		2010	Pakistan's Abbas Steel Group is in the process of putting up a mini-steelworks near Karachi with a steel making capacity of 500,000 tonnes/year. The group companies have 200,000 t/y of bar rolling capacity currently. The group will add a further 300,000 t/y of rolling capacity, too. The new plant is expected to start production by 2010. Abbas Steel Group owns Abbas Steel Industries, Abbas Engineering Industries and Al-Abbas Steels.	SBB 05-Aug-08
	(200)	STR	(500)	Steelmkg				
			(300)	Rolling				
Aisha Steel Mills Ltd (ASML)					P			
Bin Qasim, Karachi				(Possible)		2010	Aisha Steel Mills, a cold rolling mill in Karachi, Pakistan, is planned to start production in the first half of 2010. Aisha has almost completed initial stages, and will be the second biggest cold roller in Pakistan, after state-owned Pakistan Steel. It will have 220,000 tonnes annual capacity at first, and will be expanded to 350,000 t/y in a second phase. Aisha Steel will roll cold rolled coils 0.3-4mm thick. The company was established as a joint venture of Universal Metal Corp Japan, MetalOne (part of Mitsubishi Corp) and Arif Habib Group of Pakistan.	SBB 18-Aug-08 MB 04-Sep-07
			(220)	Cold				
Al-Shafi Steel								
Lahore	70							
	(70)	IF						
	(70)	CC (billet) x 2						
	(70)	STR						

Country: **PAKISTAN (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Amreli Steels (Pvt) Ltd					P		
Karachi						The company was formerly known as Amreliwata Hardware Industries.	
	(150)	STR					
Cresent Steel and Allied Products Ltd					P		
Jamshoro, Sindh						The Cresent Group, operating in Pakistan for more than 50 years, is comprised of over 35 companies in textile, jute, sugar, engineering, steel, investment banking, insurance, leasing and software development. The Company has been gradually enhancing and upgrading the pipe production capacity which has increased from 80,000 tons initially to the present notional capacity of 90,000 tons extendable up to maximum 200,000 tons per annum.	HP
	(90)	SAW					
Fazal Steel Ltd (FSL) Group					P		
Islamabad and Hassanabdal	65						
	(30)	EF					
	(20)	IF					
	(70)	STR x 3					
	(15)	Steelmkg					
International Industries Ltd							
International Steels Ltd (Landhi Town, Karachi)						In 2008 International Industries Ltd started project to produce cold rolled & galvanized flat steel products.	HP
			(250)	Cold			
			(150)	ZnAl			
Karachi							
	(50)	Cold					
	(200)	ERW x 12					

Country: **PAKISTAN (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Ittehad Steel Industries							
Islamabad	120		(380)	(Unlikely)	2009-2011	Ittehad Steel is planning to raise production capacity to 500,000 tpy over the next three years. Ittehad is in the process of setting up a new state-of-the-art re-rolling and EAF facility at Faisalabad that will add another 150,000 tons by the end of 2009. In addition, Ittehad is in the development phase of a state of the art mini-mill at Chakri, Islamabad for its flagship plant of 350,000 tpy. The plant will manufacture various types of special grades such as concrete reinforcing bars, flats, angles, channels, pipes, and light rail. The plant is expected to be commissioned by mid-2011.	HP
	(120)	IF		EF			
	(120)	STR		Rolling			
Madina Steel Industries							
Kasur	48						
	(48)	IF					
	(48)	STR					
Metropolitan Steel Corp					P		
Landhi, Karachi							
	(120)	STR					
		WR					
Mughal Steel					P		
Lahore	200						
		(stainless steel)					
	(200)	EF					
		LD					
	(60)	AOD					
		CC (billet)					
	(380)	STR x 2					

Country: **PAKISTAN (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Others							
	1743						
Pak Steel							
Islamabad							
	(100)	STR					
Pakistan Steel Mills Corp					S/P		
Bin Qasim, Karachi	1100		(1900)	(Unlikely)	2009-2012	Pakistan prime minister Syed Yusuf Raza Gilani has approved a bailout package for the country's state owned producer Pakistan Steel Mills (PSM). SBB is informed by a company executive that a meeting was held between the prime minister and the company's chairman on 11 June, and the PM agreed to give support to the mill. The amount of the package, however, has not been clarified yet. It may be between PKR 12bn (USD 138.44m) and PKR 25bn (USD 288.42m). Further meetings will determine it. Also, it has not been yet confirmed if the package will be equity fund, bank loan or some other form of funding. It was also decided in the meeting that Pakistan Steel will not be privatized, but will be modernized and capacity will be increased from 1.1m tonnes/year to 3m t/y initially.	SBB 15-Jun-10 SBB 29-May-09 SBB 27-Feb-09 SBB 16-Dec-08 SBB 17-Jun-08
	(1230)	BF x 2	(1900)	Steelmkg			
	(1100)	LD x 2					
	(400)	CC (billet)					
	(400)	CC (bloom)					
	(825)	CC (slab) x 2					
	(260)	BTM					
	(790)	Hot					
	(200)	Cold					
	(100)	HGL					

Country: **PAKISTAN (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Peoples Steel Mills Ltd							
Manghopir, Karachi	70						
		(special steel)					
	(70)	EF					
		LD					
	(43)	BTM					
	(30)	STR					
	(25)	Plate					
		Hot					
Qadri Brothers (Pvt) Ltd					P		
Lahore	24						
	(24)	IF					
	(20)	BLM					
	(20)	STR x 2					
Ramna Pipe & General Mills (Pvt) Ltd							
Lahore							
		ERW					
Razaque Steels (Pvt) Ltd							
Karachi							
	(40)	STR x 2					
Shalimar Steel Re-Rolling Mills (Pvt) Ltd							
Lahore	130						
	(50)	EF x 2					
	(80)	OH x 2					
		CC					
	(234)	BTM x 5					

Country: **PAKISTAN (6)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Siddiqsons Tin Plate Ltd					P		
Windher Baluchistan						Siddiqsons Tin Plate Limited is the first and only Tin Plate Industry in Pakistan. Established in 1999, in collaboration with Arcelor Mittal and Mitsubishi Corporation of Japan. Siddiqsons production capability is 120,000 metric tons per annum. The factory is located at special industrial zone, Windher Baluchistan, 95 km from Karachi.	HP
	(120)	Tin Plate					
Sonax Steel							
Nooriabad near Karachi	300						MB 03-Apr-06
							MB 20-Feb-06
	(300)	EF x 4					MB 07-Dec-05
	(300)	CC (billet)					
	(110)	STR					
Steelex (Pvt) Ltd							
Karachi							
	(4)	ERW x 2					
Tuwairqi Steel Mills Ltd (Al-Tuwairqi Group)					P		
Bin Qasim, Karachi			300	(Firm)	2010	Tuwairqi Steel Mills Ltd is close to completing construction of its 1.28 million tpy capacity direct reduced iron plant at Bin Qasim, Karachi. In the second phase it plans to build an EAF meltshop. Steel billets production will be carried out during both the phases of the project. During phase I, 0.3m tpy steel billets will be produced using magnetic induction furnace. This production capacity will be further increased by 0.7m tpy during phase II resulting in overall production capacity of 1m tpy. During this phase, EAF will be used for the production of steel billets.	SBB 21-May-10
			(1280)	DR (MIDREX)			HP
			(300)	IF			NET

Country: **PAKISTAN (7)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Second phase			700	(Firm) EF	2011		
Victory Pipe (Pvt) Ltd							
Islamabad	(30)	ERW x 2					
Zeenat Steel Mills							
Lahore		ERW					

Country: **PHILIPPINES**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
A.C. Steel Industries Inc							
Cebu							
	(180)	STR					
	(36)	HGL					
Allied Integrated Steel Corp							
Las Pinas	40						
	(40)	EF x 2					
	(20)	STR					
Amalgamated Iron Works Inc							
Quezon City	45						
	(45)	EF					
		CC (billet)					
Armco-Marsteel Alloy Corp							
Napindan, Taguig	160						
	(160)	EF					
	(160)	CC					
	(160)	STR					
Armstrong Industries Inc							
Caloocan City, Manila	160						
	(160)	EF x 2					
	(160)	CC (billet)					
	(24)	STR					

Country: **PHILIPPINES (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Bacnotan Steel Industries Inc							
Calaca	300						
	(300)	EF					
	(300)	CC (billet)					
	(300)	STR					
Best Industrial Steel Manufacturing Corp							
	(12)	STR					
Binan Steel Corp							
Binan Laguna							
	(250)	STR					
Capitol Steel Corp							
Quezon City							
	(120)	STR x 2					
Cathay Metal Corp							
Quezon City							
	(240)	STR					
Cathay Pacific Steel Corp (Capasco)					P		
Cainta steel complex	200						
	(200)	EF					
	(200)	CC (billet)					
	(300)	STR					

Country: **PHILIPPINES (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Novaliches Wire Rod Mill							
	(300)	WR					
Tagig steel complex	70						
	(70)	EF					
	(70)	CC					
	(120)	STR					
Cebu Steel Corp							
San Fernando, Cebu				(Unlikely)		Cebu Steel Corp has a plan to increase production capacity to 150,000 tpy.	ISWW
	(100)	STR	(50)	STR			
Continental Steel Mfg Corp							
Marulas							
	(114)	STR x 2					
Elegant Steel Corp							
	40						
	(40)	EF					
		CC (billet)					
Fidelity Steel Manufacturing Corp							
Caloocan							
		STR					
		WR					

Country: **PHILIPPINES (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Global Steel Philippines (formerly National Steel Corp)					P		
Iligan plant			(3600)	(Unlikely)		Global Steel Philippines is considering a backward integration of its plant at Iligan in Mindanao, southern Philippines, to build an integrated steel works with a capacity of 3.6 million tonnes/year of slabs for its rolling mills though Global admits that the project is still in the planning stage and that no completion schedule has been decided. Global, a local subsidiary of Global Steel Holdings Ltd (GSHL) and part of India's Ispat Industries group, took over the assets of the bankrupt National Steel Corp in 2005 and has been running the mill since then. According to the company, the backward integration project envisages a 4m t/y blast furnace, a 4.6m t/y sinter plant, a 1.6m t/y coke over battery, and a 1m t/y pig iron casting machine, among others. An investment of USD 1.6m is expected to be made for the purpose. The project is currently under consideration by the Philippines Board of Investments. TKC Steel leased the previous National Steel Corp billet meltshop at Iligan from the meltshop's new owner, Global Steel Philippines, for 25 years starting in 2005. Therefore, Global Steel does not currently operate the meltshop.	SBB 22-Jul-08
	(400)	Plate	(4000)	BF			
	(1200)	Hot	(3600)	LD			
	(1050)	Cold x 2	(3600)	CC (slab)			
	(150)	Tin plate					
Group Steel Corp							
Valenzuela							
	(24)	ERW x 2					
Jacinto Iron & Steel Sheets Corp							
Quezon City						In 1997, Jacinto Iron & Steel Sheets Corp commissioned a galvanizing and roll-forming plant in Quezon City.	
	(22)	HGL					
		Ptg					

Country: **PHILIPPINES (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Kudos Metal Corp							
Caloocan							
	(100)	STR					
Lunar Steel Corp							
Manila							
	(192)	STR x 3					
Marcelo Steel Corp (MSC)							
Punta Sta Ana, Manila	27						
	(27)	EF x 2					
		BTM					
	(67)	STR					
	(83)	WR					
Martian Steel Corp							
Manila							
	(80)	STR					
Maxima Steel Mills Corp							
Valenzuela							
	(150)	STR					
Mayer Steel Pipe Corp							
Binondo, Metro Manila							
	(84)	ERW x 9					
	(36)	SAW x 2					

Country: **PHILIPPINES (6)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Metro Concast Steel Corp					P		
Manila	50						
	(50)	EF x 2					
	(50)	CC					
	(50)	STR					
		WR					
Midland Steel Corp							
Cainta, Rizal	50					Midland Steel Corp is a Lunar Steel's sister company.	
	(50)	EF					
		CC (billet)					
Mindanao Steel Corp							
Lugait							
	(48)	HGL					
		Ptg					
Pag-asa Steel Works Inc							
Pasig City, Manila							
	(300)	STR					
Peninsula Steel							
Batangas							
	(90)	STR					
Philippine Nail and Wire Corp							
Las Pinas							
	(25)	STR x 2					

Country: **PHILIPPINES (7)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Philsteel Holdings Corp					P		
Cabuyao, Laguna							
	(90)	HGL					
	(50)	Ptg					
Steel Corporation of the Philippines (Balayan, Batangas)						Steel Corporation of the Philippines is a company of Philsteel Holdings Corporation. It has sister companies namely, PhilSteel Coating Corporation, PhilMetal Corporation and SteelFrame Corporation.	NET
	(300)	Cold					
	(250)	HGL					
Puyat Steel Corp					P		
Edsa, Mandaluyoug							
	(36)	Ptg					
Rosario, Batangas						A 150,000 tpy HGL (continuous) was commissioned in 1998.	
	(150)	HGL					
Rizal Integrated Steel Mills Corp							
Binondo, Manila							
	(36)	HGL					
Sacramento Steel Corp (formerly Coresteel Industries)					P		
Cagayan de Oro							
		(stainless steel)					
	(72)	Cold					

Country: **PHILIPPINES (8)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
SKK Steel Corp							
San Simon, Pampanga	120						
	(120)	EF x 2 CC (billet) STR					
St Christopher Steel Corp							
Pasig city							
	(60)	HGL x 2					
SteelAsia Manufacturing Corp					P		
Meycauayan, Bulacan						SteelAsia Manufacturing Corporation was established by Yao family in 1966 as Island Metal Manufacturing Corporation capable of 30,000 t/y in Meycauayan, Bulacan. In 1989 the family acquired the second mill in Batangas, which was named Peninsula Steel having a 90,000 t/y capacity. Currently, NatSteel, a wholly-owned subsidiary of Tata Steel, owns 40% of SteelAsia Manufacturing Corp.	HP NET
	(360)	STR					
Stronghold Steel Corp (formerly Milwaukee Industries Corp)					P		
Pampanga	250						
	(250)	EF					
	(250)	CC (billet)					
		STR					
Super Industrial Corp							
Cainta, Rizal							
	(43)	ERW x 2					

Country: **PHILIPPINES (9)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
TKC Steel Corp							
Treasure Steelworks Corp (Iligan)	400		300	(Firm)	2010	TKC Steel is currently in the completion phase of the construction of its blast furnace and ore beneficiating plant. The facility is projected to move into commissioning phase in the third quarter of 2010. The blast furnaces and the ore beneficiating plant are being installed at TKC's Treasure Steelworks, which already has electric arc furnaces with a combined capacity of 400,000 tpy. When completed, the two mini-blast furnaces will push molten steel capacity to 700,000 tpy. It would also make the billet producer the first integrated steel operation in the Philippines. The EAF meltshop was previously owned by defunct state-owned National Steel Corp (NSC). The meltshop and accompanying hot rolling mill were sold to Global Steel Holdings Ltd in 2004, which in turn leased the meltshop to TKC.	MB 05-Nov-09 MB 08-May-09 MB 12-Feb-09 MB 24-Nov-08 NET
	(400)	EF	(300)	BF			
	(400)	CC (billet)	(300)	EF			
Union Galvasteel Corp (formerly Bacnotan Steel Corp)					P		
Calamba							
	(60)	HGL					
	(40)	Ptg					
Venus Steel Corp							
Cainta, Rizal							
	(100)	STR					

Country: **THAILAND**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Bangkok Steel Industry Public Co Ltd					P		
Phrapradaeng, Samutprakarn	300						
	(300)	EF x 2					
	(300)	CC (billet) x 2					
	(550)	STR x 2					
	(120)	HGL x 2					
	(25)	Ptg					
Bangsaphan Barmill Public Co Ltd					P		
Bangsaphan, Prachuabkirikhan						Bangsaphan Barmill Public Co Ltd belongs to the Sahaviriya group.	
	(720)	STR					
BlueScope Steel (Thailand) Ltd (formerly BHP Steel Thailand Ltd)					P		
Map Ta Phut, Amphur Muang, Rayong Province						BlueScope Steel Thailand Ltd's new 200,000 tpy second galvanizing line began commercial production in November 2005. The company also operates a 175,000 tpy line at the same site.	
	(350)	Cold					
	(375)	HGL x 2					
	(90)	Ptg					
BNS Steel Group Co Ltd							
Chonburi	250						
	(250)	EF					
		CC					
	(240)	STR					

Country: **THAILAND (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
BRP Steel Co Ltd (formerly Burapa Steel Industries)							
Rayong				(Unlikely)		Thailand's Mill Con Steel Industries (MCSI) plans to invest THB 2.9bn (USD 87.6m) on a melting shop to support its long products rolling operations. The investment will be made through its 83.78% subsidiary, BRP Steel (formerly Burapa Steel), while MCSI also plans to spend THB 200m to purchase an additional 10.1% of BRP. The project is scheduled to commence in the final quarter of 2011. Both MCSI and BRP are re-rollers in Rayong, eastern Thailand, that do not have their own steelmaking capacity. MCSI, previously Siam Steel Pipe, was established in 1998 and began as a steel distributor. It started operating two long product rolling lines in 2004 and acquired Burapa Steel in 2008.	SBB 08-Feb-10 NET
	(300)	STR		EF			
Chonviriya Steel Co Ltd							
Phrapradaeng, Samutprakarn							
	(119)	STR					
Chow Steel Industries Public Co Ltd							
Kabinburi District, Prachinburi	730						
	(730)	EF					
	(730)	CC (billet)					
G J Steel Public Company Limited (formerly Nakornthai Strip Mill)					P		
Chonburi	1500						
	(1500)	EF					
	(1500)	LF x 2					
	(1500)	CC (tsc)					
	(1500)	Hot					
	(480)	HGL x 2					

Country: **THAILAND (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
G Steel Public Co Ltd (formerly Siam Strip Mill Co)					P		
Bankhai Rayong Province	1800			(Possible)		Financially strapped Thai hot rolled coil producer G Steel says it has secured court protection from creditors while it continues to search for a strategic partner to help. G Steel is in the throes of expanding hot rolled coil capacity at its Rayong plant from its existing 1.8m tonnes/year to 3.4m t/y. Together with its 49.6%-owned Nakornthai Strip Mill (NSM), G Steel supplies an estimated 32% of Thai HRC demand. Imports fulfill approximately 48%, and Sahaviriya Steel Industries the remaining 20%.	SBB 05-Nov-09 SBB 08-Oct-08 SBB 05-May-08
	(1800)	EF x 3	(1600)	Hot			
	(1800)	CC (slab)					
	(1800)	Hot					
LPN Plate Mill Public Co Ltd					P		
Samutprakarn							
	(400)	Plate					
Namheng Steel Co Ltd							
Lopburi	300						
	(300)	EF					
	(300)	LF					
	(350)	BTM					
	(150)	WR					
	(150)	STR					
Sahamitr Steel Co Ltd							
Rayong							
	(450)	STR					

Country: **THAILAND (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Sahaviriya Plate Mill Public Co Ltd (SPM)					P		
Bangpakong						Sahaviriya Plate Mill Public Company Limited (SPM) is one of manufacturer located in Sahaviriya Steel Complex in Bangpakong.	
	(652)	Plate					
Sahaviriya Steel Industries Public Co Ltd (SSI)					P		
Bang Saphan Works (Prachuap Khiri Khan)							
	(4000)	Hot					
	(1000)	CAPL					
Upstream plant project			(5000)	(Unlikely)	2011	Sahaviriya Steel Industries' plans for a new integrated steel plant of 4.5m t/y capacity of hot metal and 5m t/y of slab and billet have been delayed by the country's political instability.	SBB 05-May-10 SBB 21-Nov-08
			(4500)	BF			
			(5000)	Steelmkg			
Samchai Steel Industries Pcl							
Samutsakorn							MB 11-Apr-06
	(350)	ERW					
Siam Matsushita Steel Co Ltd					P		
	(50)	ERW					
Siam Nippon Steel Pipe Co Ltd					P		
Rayong							
	(48)	ERW x 2					

Country: **THAILAND (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Siam Steel Syndicate Co Ltd					P			
Samutprakarn	110							
	(110)	EF						
	(110)	CC (billet)						
	(200)	STR x 2						
Siam Tinplate Co Ltd					P			
Map Ta Phut, Rayong Province							Sumitomo owns 28.2 percent of Siam Tinplate, while Metal One owns 18.4 percent, Nippon Steel 15.6 percent, Nittetsu Shoji 7 percent and Tomiyasu 2.2 percent. Thai investors owns the remaining 28.5 percent.	
	(260)	Tin Plate						
Siam Yamato Steel Co Ltd					P			
Map Ta Phut, Rayong	700		700	(Firm)		2010	Japanese-invested long products maker Siam Yamato Steel formally started commercial operations at its No.2 sections mill in eastern Thailand on 1 March 2010, parent company Yamato Kogyo has announced. The 400,000 tonnes/year capacity plant in Map Ta Phut in eastern Thailand's Rayong province had been caught up in changes the Thai government was making to environmental protection guidelines. Bangkok had suspended 65 projects where new environmental approvals had to be applied for. Among these was the No.2 mill where production was to have started during last October-December. Thailand's central administrative court gave its approval last December for Siam Yamato to start operations.	SBB 03-Mar-10 HP
	(700)	EF	(700)	EF				
	(700)	CC (bloom)	(700)	CC				
	(700)	STR	(400)	STR				

Country: **THAILAND (6)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Tata Steel (Thailand) Plc (formerly Millennium Steel)					P		
NTS Steel (Chonburi)	600					Tata Steel Thailand commissioned a new 500,000 t/y blast furnace in 2009 at the NTS steel plant, which has the rolling capacity of 800,000 t/y. Tata Steel, India's second-biggest steelmaker, completed the acquisition of a 67.11% share in Thailand-based Millennium Steel in 2006.	SBB 27-Jan-10
	(500)	BF					
	(600)	EF					
		LF					
		CC (billet)					
		WR					
		STR					
Siam Construction Steel (Muang Rayong)	600						
	(600)	EF					
		LF					
		CC (billet)					
	(500)	STR					
Siam Iron & Steel (Saraburi)	280					Total rolling capacity (one bar mill & one light section mill) is 400,000 t/y.	
	(280)	EF					
		CC (billet)					
		STR					
		WR					
Thai Coated Steel Sheet Co Ltd					P		
Bang Saphan, Prachubkirikhan						Thai Coated Steel Sheet (TCS) is a joint venture between Sahaviriya and Japanese interests, began commercial operations in 1994.	
	(180)	EGL					
Thai Cold Rolled Steel Sheet Public Co Ltd					P		
Bangsaphan, Prachuabkirikhan						Thai Cold Rolled Sheet is a 1.2 million tpy cold roller, 50.15% owned by the Sahaviriya Steel Industries (SSI), 22.4% by JFE Steel, and 22.2% by Marubeni Corp.	MB 15-Jun-09
	(1200)	Cold					

Country: **THAILAND (7)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Thai government integrated steel mill project							
Prachuab			(7000)	(Unlikely)		Thailand's proposed 7 million tpy blast furnace-based steel project in southern Prachuab province has stalled following protests. As a result, the ongoing feasibility study, which is to look at a first-phase crude steel capacity of 2-4 million tpy, will not be completed as scheduled early 2009. The project to build Thailand's first blast furnace mill has attracted letters of interest from ArcelorMittal, Nippon Steel, JFE Steel and Baosteel. The government chose to consider Prachuab for the project because it is conducive for the building of a deep sea port. The project will need at least 8 sq km of land, be near a sea port of over 20m depth and require a water supply of more than 100 cu m per day. The proposed plant will produce high-end steel products, mainly flat steel products aimed at the auto and electronics industries, and will be both for domestic consumption and export.	MB 13-Nov-08
			(7000)	BF			
			(7000)	Steelmkg			
Thai Intersteel Group Co Ltd							
Phetchaburi			(350)	(Unlikely)		Thai-Chinese JV project	NET
			(350)	Steelmkg			
			(350)	CC (billet)			
Thai Pathana Steel Industry Public Co Ltd					P		
Samutprakarn	240						
		(240)	EF x 2				
		(240)	STR x 2				

Country: **THAILAND (8)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Thai Special Steel Industry Public Co Ltd (TSSI)					P		
Rayong							
	(500)	WR					
Thai Steel Bars Co Ltd					P		
Samutprakarn	150						
	(150)	EF x 3					
	(150)	CC (billet)					
	(150)	STR x 2					
Thai Steel Pipe Industry Co Ltd (TSP)					P		
Amata Nakorn, Chonburi							
	(43)	ERW x 2					
Thai Tinplate Manufacturing Co Ltd					P		
Phrapradaeng, Samutprakarn							
	(552)	Tin Plate x 4					
Thai Tube Co Ltd					P		
	(100)	ERW					
Thai Unique Coil Center Public Co Ltd							
Samutprakarn							
		(stainless steel) Rolling ERW					

Country: **THAILAND (9)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Thai-Asia Steel Pipe Co Ltd							
Samutprakarn							
		ERW					
Thai-German Products Public Co Ltd					P		
Rayong							
		(stainless steel)					
	(50)	ERW					
Thailand Iron Works Public Co Ltd					P		
Phrasamutjedee District, Samutprakarn							
	(90)	HGL x 3					
	(17)	Ptg					
Thainox Stainless Plc					P		
Rayong							
		(stainless steel)					
	(350)	CAPL					
	(300)	Cold (stn) x 3					
The Bangkok Iron & Steel Works Co Ltd					P		
Phrapradaeng, Samutprakarn	480						
	(480)	EF x 3					
		CC (billet)					
	(250)	STR x 2					
	(250)	WR					

Country: **THAILAND (10)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
The Sangkasi Thai Co Ltd							
Bangpoo							
	(100)	HGL x 3					
	(30)	Ptg					
Parknam							
	(20)	Ptg x 2					
The Siam United Steel (1995) Co Ltd (SUS)					P		
Map Ta Phut, Rayong Province						Siam United Steel (SUS) is owned 76.03% by Japanese interest, 12.3% by Korean steel maker POSCO and 11.67% by Thailand companies.	
	(1000)	Cold					
Tico Steel (Thailand) Co Ltd (formerly Thai-India Steel)							
Phrapradaeng, Samutprakarn	78						
	(78)	EF x 2					
	(78)	CC (billet)					
	(72)	STR					
Triumph Steel Co Ltd					P		
Samutprakarn	96						
	(96)	EF					
	(96)	CC (billet)					
	(120)	STR x 3					
Tycoons Worldwide Group (Thailand) Public Co Ltd							
Rayong							
	(360)	WR					

Country: **THAILAND (11)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
UMC Metals Ltd (formerly Union Metal Co)								
	Chonburi	420						
		(420)	EF					
			LF					
		(380)	CC (billet)					
		(220)	STR					

Country: **VIETNAM**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
BlueScope Steel Vietnam Ltd					P		
Phu My 1 Industrial Zone (Ba Ria - Vung Tau province)	(125) (50)	HGL Ptg				In 2003, BlueScope Steel made a decision to invest USD 105 million to construct a new world-class flat steel metallic coating and painting facility located in Phu My 1 Industrial Zone, Ba Ria – Vung Tau province. The new facility was commissioned in November 2005 and includes a 125,000 tonne per annum metallic coating line, 50,000 tonne per annum paint line and a 15,000 tonne per annum combination slitting line.	HP
China Steel Sumikin Vietnam Joint Stock Company					P		
My Xuan A2 Industrial Zone, Ba Ria-Vung Tau			(1600) (200) (300)	(Possible) Cold Silicon HGL	2012	Construction on the 1.6m tonnes/year cold rolling project championed by Chinese Taipei's China Steel Corp (CSC) and Japan's Sumitomo Metal Industries (SMI) in Vietnam is expected to start in the first quarter of 2010 after the Chinese New Year holidays. Completion of the project is still expected in 2012. To be located in the My Xuan A2 Industrial Zone 60km southeast of Ho Chi Minh, the plant is expected to start operating at 1-1.2m t/y. Within this, around 300,000 t/y will be processed into hot-dip galvanised coils and 200,000 t/y into non grain-oriented silicon steel coils, with the remainder sold as cold rolled coils. Hot band feeds are expected to be supplied by CSC and SMI. Manager of the project, China Steel Sumikin Vietnam Joint Stock Company, is held 51% by CSC, 35% by SMI, 5% by trader Sumitomo Corp and 14% by others.	SBB 18-Dec-09

Country: **VIETNAM (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Cuu Long - Vinashin Steel							
Hai Phong	550			(Unlikely)			
	(550)	EF		BF (mini)			
	(550)	CC (billet)					
	(220)	STR					
	(550)	Plate					
Da Nang Steel Company (Vietnam Steel Corp Group)							
Da Nang				(Unlikely)		Vietnam Steel Corporation plans to construct a 250,000 steel rolling mill in Da Nang.	NET 11-Apr-06
	(45)	EF	(250)	WR			
	(70)	WR					
Dinh Vu Steel Stock Company							
Hai Phong	200			(Firm)	2009	Dinh Vu Steel is planning to build a blast furnace of 230 cu m capacity to produce 250,000 t/y of hot metal by 2009 to support its 200,000 t/y EAF mill, which it also started running in 2006.	SBB 08-Jun-07 MB 08-Oct-08
	(200)	EF	(250)	BF (mini)			
	(200)	CC (billet)					

Country: **VIETNAM (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
E United & Tycoons Group's steel project							
Dang Quat Industrial Park in Quang Ngai			(3000)	(Unlikely)	2013	E-United and Tycoons Worldwide have resumed work on their proposed integrated steel project at Dung Quat Industrial Zone, in Quang Ngai province. Start-up for the project's first phase of 3m t/y of crude steel capacity is scheduled for 2013 with a second phase eventually lifting overall capacity to 5m t/y. This project is struggling to secure land in time, with just 223 hectares of a proposed 455 hectare site so far handed to E-United, which will own 90% of the project. The first phase of the project is currently envisaged to include a 3.5m tonnes/year blast furnace, 2.5m t/y of hot strip capacity, and 600,000 t/y of billet capacity, with approximately 400,000 t/y to be sold as slabs. E United's subsidiary, United Brightening Development Corp, owns 90% of the project, and Tycoon's Thailand-listed arm, Tycoons Worldwide Group, holds the remaining 10%.	SBB 25-May-10 SBB 10-Dec-09 SBB 03-Aug-09 MB 03-Jul-07
			(3500)	BF			
				Steelmkg			
			(600)	CC (billet)			
				CC (slab)			
			(2500)	Hot			

Country: **VIETNAM (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Formosa Plastics Group							
Integrated steel mill project (Ha Tinh province)			(11250) (11250)	(Unlikely) BF x 3 LD Hot Cold WR	2013-	Chinese Taipei's Formosa Plastics Group has advanced its planned integrated steelworks project in Vung Ang in north-central Vietnam's Ha Tinh province and is on schedule to fire its first blast furnace around March 2013. The Vietnamese government has cleared most of the land at the Vung Ang site as promised. Though not cleared in full, that remaining to be cleared will not impede first stage construction where Formosa plans to build three blast furnaces of 3.75m tonnes/year capacity each. Phase one of the project is also expected to produce hot and cold rolled coils, and wire rods. In a second phase Formosa plans to add three more blast furnaces, also of 3.75m t/y each, and possibly produce galvanised and electrical sheets before moving on to a third phase that might include a 2m t/y integrated stainless mill. The timing of these two stages has yet to be scheduled. For the first stage, after the first blast furnace is fired up in March 2013, the next two furnaces are expected to commission at one year intervals thereafter.	SBB 09-Jun-10 SBB 09-Mar-10

Country: **VIETNAM (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Fuco Steel (Chinese Taipei's & Malaysian billet mill JV)							
Phu My II Industrial Zone in Tan Thanh district			1000	(Possible)	2011	The Malaysian stainless steel fastener producer Tong Herr Resources is to build a USD 180m billet plant at Vietnam's Phu My II Industrial Zone in Tan Thanh district in Ba Ria Vung Tau province. Tong Herr will invest USD 20m for a 37.04% stake while four Chinese Taipei investors – of which three are the company's major shareholders – will contribute USD 34m cash for a 62.96% stake in joint venture company, Fuco International. Fuco International will then be injected into another joint venture company, Fuco Steel, for a 90% stake in the steel plant, while Tong Hwei Investment will invest USD 6m for the remaining 10% stake. The plant is expected to be completed by 2011.	SBB 25-Aug-09 MB 10-May-07 NET
			(1000)	Steelmkg			
			(1000)	CC (billet)			
Hai Phong Steel Joint Stock Company (HPS)							
Hai Phong							
		(400)	STR				

Country: **VIETNAM (6)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Hoa Phat Group					P		
Hoa Phat Integrated Steel Complex			350	(Firm)	2010	Hoa Phat Steel started its 350,000 t/y rolling operations in north Vietnam's Hai Duong province in 2009 and is due to start-up its 370 cubic metre blast furnace and 350,000 t/y meltshop in 2010. Hoa Phat Steel Joint Stock Company and Kinh Mon Steel Plate Rolling Joint Stock Company were established in 2007 to implement Integrated Steel Complex in Hiep Son Commune, Kinh Mon District, Hai Duong Province. In the first phase the facility hosts one mini blast furnace of 350 cubic metres inner volume, one basic oxygen furnace and a rebar and wire rod rolling mill. The company plans to install a second 350 cubic metre blast furnace in a second phase to raise billet capacity to 700,000 t/y at the new complex.	SBB 20-May-10 SBB 20-Feb-09 HP
	(350)	STR	(350)	BF			
			(350)	LD			
Hoa Phat Steel Pipe Co Ltd							
	(100)	ERW					
Steel Billet Factory & Steel Rolling Factory (Hung Yen Province)	200						
	(200)	EF					
	(200)	CC (billet)					
	(250)	WR					

Country: **VIETNAM (7)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Hoa Sen Group (Lotus Steel)					P		
Song Than II Industrial park in Binh Duong			(1300)	(Unlikely)	2010(HGL), 2013(EF,CC)	Vietnam‘s Hoa Sen Group has obtained government approval to implement its compact strip production (CSP) project to support its cold rolling and coating operations at Phu My Industrial Park in southern Vietnam's Ba Ria-Vung Tau province. The company expects an investment licence for the project from the Ministry of Industry & Trade within April. Hoa Sen plans to install a hot strip mill of 1.5-2m tonnes/year to roll imported slab and is targeting plant commissioning in end-2013. It also aims to apply for government approval for a second stage of backward integration involving strip production by the EAF route. There are plans to install a 800,000 t/y tpy EAF produce slab and another 500,000 tpy EAF to produce billet. Hoa Sen operates a 180,000 t/y capacity reversing cold rolling mill Song Than II Industrial park in Binh Duong province and recently ordered two CRC reversing mills of 200,000 t/y capacity each. Foundation work for the new mills – scheduled for February or March 2011 start-up – has started. The company started operating in mid- March its second hot-dip galvanising line of 500,000 t/y capacity to supplement its first 150,000 t/y metallic coating line. A new 200,000 t/y pre-painting line is due to run commercially on 1 April 2010 in tandem with an existing 50,000 t/y line.	SBB 31-Mar-10 SBB 17-Aug-09 SBB 28-Mar-07 SBB 03-Oct-06 MB 22-Mar-10
	(180)	Cold	(800)	EF			
	(150)	ZnAl	(800)	CC (slab)			
	(100)	HGL x 2	(800)	Hot			
	(100)	Ptg x 2	(400)	Cold x 2			
			(500)	HGL			
			(200)	Ptg			
			(500)	EF			
			(500)	CC (billet)			

Country: **VIETNAM (8)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Hot strip mill project (Vietnam Steel Corp & Danieli JV)							
Phu My industrial zone				(Possible)	2013	Italy's Danieli Group inked an agreement to take part in Vietnam's first hot strip steel mill on 11 March 2010. Following the agreement with the state-run Vietnam Steel Corporation (Vnsteel), Danieli will hold a 19.9% stake in the USD 550 million hot strip mill to be located in the southern Ba Ria-Vung Tau province's Phu My Industrial Park. Construction of the mill, which will chum out two million tonnes of hot rolled coils per year, will start this year and be completed within 36 months. The Phu My hot strip mill was shaped in 2007 when India's Essar Group, Vnsteel and the state-run Vietnam Rubber Group entered an agreement to build the factory. At that time, Essar agreed to hold a 65% stake in the mill, Vnsteel (20%) and Vietnam Rubber Group (15%). In 2009, Essar decided to quit the project due to the global financial crisis. This led to a reshuffle in the project's shareholders, which then comprised Vnsteel with a 84% stake, Vietnam Rubber Group (15%) and Danang Steel Company (1%). With Danieli's investment in the Phu My hot strip mill, Vnsteel now holds a 64.1% stake in the project.	SBB 16-Mar-10 NET
			(2000)	Hot			
Hung Thinh Phat							
Phu Tho			500	(Firm)	2009-2010	Hung Thinh Phat plans to build a 500,000 tpy billet plant in Phu Tho by 2010.	NET
			(500)	EF			
			(500)	CC (billet)			
Hung Yen Steel Joint Stock Company							
Hung Yen	180					Hung Yen Steel Joint-stock Co has completed construction of its new 180,000 tpy billet plant which is scheduled to begin operation in October 2005.	
		(180)	EF				
		(180)	CC (billet)				

Country: **VIETNAM (9)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Hyundai-Huy Hoang Pipe Co Ltd					P		
Dong Nai							
		ERW					
Lion Group & Vinashin JV							
Ninh Thuan			(4500)	(Unlikely)	2011	Malaysia's Lion Group will require some time to finalise its project to set up an USD 9.8bn integrated steel mill, proposed to be located at Ninh Thuan, 320 km north-east of Ho Chi Minh City. According to local press reports, the people's committee of Ninh Thuan has asked Lion to confirm its capability to continue with the project. This is because the project has not progressed since Lion and Vietnam Shipbuilding Industry (Vinashin) held a groundbreaking ceremony last November. Lion Group holds the majority share of 74% in the project and Vinashin 26%. The steelworks will include a 1.2m tonnes/year iron ore pelletizing plant, a 1.2m t/y coking plant, two blast furnaces of 2,580 cubic metres each, and a hot strip mill. The plant will produce 4.5m tonnes/year of hot rolled flat products in the first phase.	SBB 27-Jul-09 SBB 10-Apr-09 SBB 26-Nov-08 MB 29-Jul-09 MB 07-Apr-09
				BF			
			(4500)	LD			
			(4500)	Hot			
Maruviena							
Ho Chi Minh							
	(18)	HGL					
Nam Kim Steel Joint Stock Company (Nakisco)							
Binh Duong province							
	(35)	HGL					
	(25)	Ptg					

Country: **VIETNAM (10)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
NatSteelVina Co Ltd					P		
Thai Nguyen	(120)	STR				India's Tata Steel Ltd has completed the acquisition of the steel business of NatSteel Ltd in February 2005. As part of the transaction, the company has subscribed to the 100% equity of NatSteel Asia Pte Ltd. All steel assets of NatSteel in Singapore, Malaysia, Thailand, Vietnam, Philippines, Australia and China (except Changzhou Wujin Natsteel) have been transferred to NatSteel Asia. The Vietnam plant of NatSteel has a rolling capacity of 120,000 tpy. Meanwhile, Tata Steel is reportedly planning to set up a new steel production facility in Vietnam.	
Nghi Son Iron & Steel							
Thanh Hoa province			750 (750)	(Firm) EF	2009-2010	VNA reported that ground was broken to mark the beginning of construction of the Nghi Son steel complex in northern Thanh Hoa province in Vietnam on 6 March 2008. The project's first VND 1.5 trillion phase is set to end in the fourth quarter of 2009. It is expected to produce up to 750,000 tonnes of steel ingot a year. The second phase is scheduled to start in 2010 with a VND 6.5 trillion investments to increase the factory's annual capacity to 2.25 million tonnes of products. The completed factory is expected to supply hot rolling steel for the construction industry and steel panels for shipbuilding.	NET 07-Mar-08

Country: **VIETNAM (11)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
POSCO (formerly POSCO & Vinashin JV)							
Integrated steel mill project			(4000)	(Unlikely) (4000) Steelmkg		Posco continues to plan for an integrated steelworks in Vietnam, despite agreement with Indonesia's PT Krakatau Steel (PTKS) to build such a works outside Jakarta, 2,000 km south. Posco and PTKS agreed to begin a feasibility study on a proposed 6m tonnes/year integrated steelworks at Cilegon-Banten, west Java, with an MoU for the USD 6bn project to be finalised by April 2010. At the same time the Korean mill has another plan still alive in Vietnam, albeit delayed, that envisaged a 4m t/y works in Van Phong bay in the central Vietnamese province of Khanh Hoa to incorporate Posco's FINEX iron-making technology. Posco had initially planned to start construction by April this year, but in November 2008 the Vietnamese government asked the company to find another location.	SBB 04-Dec-09 SBB 17-Nov-08
Posco Specialty Steel (Posco SS)							
New sections mill project (Phu My 2 Industrial Zone, Ba Ria-Vung Tau)			(1000)	(Unlikely) (1000) EF (1000) STR		Posco Specialty Steel (Posco SS) plans to lift sales of long products in Vietnam after obtaining Vietnamese government approval to build a 1m tonnes/year carbon steel sections plant. The Korean company's new plant will host a 120-tonne electric arc furnace, and will produce medium to heavy sections, including I-beams, H-beams and angles in widths of 150-300mm. The new section mill will be located on a 50 hectare site in Phu My 2 Industrial Zone, Tan Thanh district in Vietnam's southern province of Ba Ria-Vung Tau. Posco SS also plans to make inverted angles to supply shipbuilders from a new section mill by 2013, costing USD 620m. There is no current timetable for when work is likely to begin at the new mill.	SBB 21-May-10 SBB 08-Apr-10 SBB 01-Jun-09 MB 06-Apr-10 MB 02-Jun-09

Country: **VIETNAM (12)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
POSCO-Vietnam Co Ltd					P		
Phu My 2 Industrial Zone, Ba Ria-Vung Tau				(Unlikely)		Posco-Vietnam is delaying construction of a 3 million tpy hot rolling mill in Vietnam until it can secure power and gas supplies, said a senior company official. Construction was initially planned to start in October this year with production commencing in December 2012. The hot rolling mill was to be part of Posco-Vietnam's complex in Ba Ria-Vung Tau province. Posco-Vietnam is also looking into adding 1.5 million tpy of cold rolling capacity to its current capacity of 1.2 million tpy. Posco-Vietnam, an 85:15 joint venture between Posco and Nippon Steel, is the newest and largest flat mill in Vietnam. It started operating in October 2009, reaching capacity of 1.2 million tpy in April.	MB 24-May-10
	(1200)	Cold	(3000)	Hot			
			(1500)	Cold			
POSCO-VST (formerly Asia Stainless Corp)					P		
near Vung Tau				(Possible)		Posco-VST, the former stainless cold-roller Asia Stainless Corp, was established in October 2009 after Posco acquired a 90% stake. Posco-VST currently has a capacity of 30,000 t/y and it plans to raise this to 85,000 t/y in 2010. Posco supplies most of its hot band requirement.	SBB 22-Dec-09
		(stainless steel)					
	(30)	Cold (stn)	(55)	Cold (stn)			
Posvina Co Ltd					S/P		
Ho Chi Minh							
	(40)	HGL					
	(35)	Ptg					

Country: **VIETNAM (13)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
SeAH Steel Vina Corp (formerly Saigon Steel Pipe)					P		
Dong Nai Provence				(Firm)	2010	Korean pipe maker SeAH Steel is expanding ERW pipe capacity at SeAH Steel Vina Corp (SSVC) in the Bien Hoa industrial zone in southern Vietnam's Dong Nai province. SSVC, a wholly owned subsidiary of the Korean pipe maker, is installing one 1½ and one 2½ inch ERW pipe mill to meet demand for ordinary pipes mainly in the Vietnam market. The combined capacity of the two pipe mills will be just 12,000 tonnes/year. The two pipe mills should commission by August-September 2010 and will lift SSVC's total pipes capacity to 180,000-190,000 t/y. SSVC currently hosts three pipe mills including an 8-inch ERW mill that was newly installed in March 2009.	SBB 20-May-10 SBB 24-Mar-09
	(170)	ERW x 3		(12) ERW x 2			
Shengli (Vietnam) Special Steel Co Ltd							
Thai Binh province	600	(special steel)				Shengli (Vietnam) Special Steel Co Ltd is established by Shengli (Fuzhou) Group Corp and Guangdong Metals and Minerals Import & Export Corp.	HP
	(600)	EF x 2 LF CC (billet) STR					

Country: **VIETNAM (14)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Song Da Corp					S		
Song Da Steel	400					Song Da Steel Joint Stock Corp has started commercial operations at its VND 964bn (USD 52.2m) EAF billet plant located at Hai Phong city, northern Vietnam. Trial operations started in early December 2009 and the billet plant using the Consteel process is now producing an estimated 660 tonnes of billet daily. The billet is being sold to Vietnam-Italy Steel Joint Stock Co's 250,000 t/y capacity rolling mill located about 70 km away in Hung Yen province. Vietnam-Italy Steel produces construction long products such as rebar and wire rod. Vietnam-Italy and Song Da Steel are the only two steel-related enterprises under state-owned Song Da Corporation. Song Da is a conglomerate with 40 enterprises involved in construction and property.	SBB 26-Jan-10
	(400)	EF					
	(400)	CC (billet)					
Vietnam-Italy Steel (Viet-Y)							
	(250)	STR					
Song Hong Steel							
Phu Tho						Song Hong Steel opened a steel factory in January 2009 in Phu Tho with a production capacity of 180,000 tonnes of steel a year.	NET
	(180)	WR					
Southern Steel Corporation (Vietnam Steel Corp Group)					S		
Bien Hoa Steel Works (VICASA)	130						
	(130)	EF					
	(70)	CC (billet)					
	(150)	STR					

Country: **VIETNAM (15)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Nha Be Steel Works	60						
	(60)	EF x 2					
		CC (billet)					
	(160)	STR x 2					
Phu My Steel Plant	500					Southern Steel Corporation commenced operations of its new Phu My Steel Factory in Phu My 1 Industrial Park in Ba Ria-Vung Tau province in May 2006.	NET
	(500)	EF					
	(500)	CC (billet)					
	(400)	STR					
Sadakim	5						
	(5)	IF					
Tan Binh Steel Works	15						
	(15)	EF					
Tan Thuan Steel Works	70						
	(70)	EF					
		BTM					
		STR					
Thu Duc Steel Works	80						
	(80)	EF x 2					
	(80)	CC (billet)					
	(160)	STR					
Southern Steel Sheet Co Ltd					S/P		
Dong Nai province						Southern Steel Sheet Co Ltd is a joint-venture of Southern Steel Corporation and the foreign partners such as Sumitomo Corporation (Japan) and Federal Iron Works SDN BHD (Malaysia).	HP
	(100)	HGL					
	(70)	Ptg					

Country: **VIETNAM (16)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
SSESTEEL (Vietnam Industrial Investments)					P		
Haiphong			(500)	(Unlikely)		Australia-listed Vietnam Industrial Investments (VII) expects to finally begin work on its 500,000 tonnes/year billet plant in Haiphong in northern Vietnam during Q4 2010. The Vietnamese government approved the project in February 2008. The billets would mostly be used in house, being supplied to the works of group re-rollers SSESteel and to Vinausteel – owned 70% by VII – both located adjacent to the planned semis plant. SSE's original design capacity was 250,000 t/y. However, this has been increased to 300,000 t/y after modifications. Vinausteel produces only deformed bars and has a capacity 250,000 t/y, following modifications that lifted this from 180,000 t/y previously.	SBB 09-Jun-10 SBB 21-Feb-08 SBB 05-Jul-07 MB 17-Jan-08
	(300)	WR	(500)	EF			
			(500)	CC (billet)			
Sun Steel Joint Stock Company (SUNSCO)					P		
Bihn Duong and Dong Nai				(Firm)	2010	JFE Steel has bought an 8% stake in Vietnamese cold roller Sun Steel Joint Stock Co (Sunsco) from fellow Japanese steelmaker Maruichi Steel Tube Co for an undisclosed sum. Maruichi's stake is reduced to 64.29% after this purchase. Sunsco ordered a 16-inch pipe mill for production of large steel tubes, and construction work on the buildings for the plant commenced in December 2008.	MB 24-Feb-10 HP
	(300)	STR		ERW			
	(250)	Cold					
	(180)	HGL					
	(60)	Ptg					
	(120)	ERW					
Tam Diep Rolling Mill Co Ltd (Pomihoa Steel)					P		
Ninh Binh province						The company produces deformed bars and wire rods.	
	(360)	WR					

Country: **VIETNAM (17)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Tata Steel & Vietnam Steel Corp JV							
Ha Thinh			(2200)	(Unlikely)	2013-2014	Tata Steel expects to soon receive an investment licence for its USD 5bn integrated hot rolled coil project in Ha Tinh province on the north central coast of Vietnam. The Indian firm has formally accepted a proposal from the Vung Tau local government for a 725-hectare sea-front site for its proposed 4.5m t/y plant at the Vung An Economic Zone. The first phase is expected to consist of a cold rolling mill to be completed by 2012. In the second phase, a planned 2.2m tonnes/year hot rolled coil plant fed by an upstream facility should be operational by 2013-2014. The third phase, which will see the project's capacity expanded to 4.5m t/y is likely to come on stream by 2017. Tata is taking a 65% equity share in its steel project with Vietnam Steel Corp holding 30% and Vietnam Cement Industries Corp, 5%.	SBB 10-Nov-09
			(2200)	Steelmkg			
			(2200)	Hot			
				Cold			
Thai Nguyen Iron & Steel Company (Vietnam Steel Corp Group)					S		
Thai Nguyen	300		500	(Firm)	2011	Thai Nguyen Iron & Steel operates two small blast furnaces to produce billet, and a 500,000 t/y rolling mill. It is in the process of installing a third blast furnace to raise billet capacity from its existing 300,000 tonnes/year to around 800,000 t/y. This new furnace, to be supplied by China Metallurgical Group Corp (MCC), will be completed in the first quarter of 2011.	SBB 21-Jul-09
	(200)	BF		BF			
	(300)	EF	(500)	LD			
	(300)	CC (billet)	(500)	CC (billet)			
	(550)	STR					

Country: **VIETNAM (18)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Thai Trung Rolled Steel Joint Stock Co					S/P		
Cam Gia, Thai Nguyen				(Firm)	2011	A ground-breaking ceremony for a new 500,000 tonnes/year bar and wire rod rolling mill to be operated by Thai Trung Rolled Steel Joint Stock Co was held on 19 July. Construction on the mill, located at Cam Gia in the north-east Vietnamese province of Thai Nguyen, is scheduled to be completed in third quarter 2011 and commercial operations will start end-2011. The mill will be rolling billet from the expanded capacity of Thai Nguyen Iron & Steel, a subsidiary of Vietnam Steel Corp (VNSteel). Thai Nguyen is to take a 28% in Thai Trung and steel distributor Trung Dung will take a 30% share. The remaining 42% will be offered to private investors but VNSteel may raise its equity share if this is not taken up.	SBB 20-Jul-09
			(500)	WR			
Thanh Loi Steel							
Hoa Khanh Industrial Zone	120					In 2007, Thanh Loi Steel purchased steel facilities with a capacity of 120,000 MT per year, increasing its total capacity to 150,000 MT per year.	HP
	(120)	EF					
	(150)	STR					

Country: **VIETNAM (19)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Thep Viet - Pomina Steel					P		
Phu My Industrial Zone I (Ba Ria Vung Tau province)	500		1000	(Firm)	2011	Pomina Steel Holdings has recently ordered a new 1m tonnes/year EAF meltshop for its plant at Phu My Industrial Zone I in Vietnam's southern province of Ba Ria-Vung Tau, company sources tell Steel Business Briefing. The new meltshop will host a 120-tonne EAF and will start producing billets in end-2011. The Vietnamese company recently started operating a third rolling mill of 450,000 t/y capacity at Phu My, about 60 km from Ho Chi Minh city, which is using billet from an existing 500,000 t/y meltshop installed there in 2007. Pomina's two rolling mills at Binh Duong, located 60 km from Phu My, are dependent on imported billet. They have a combined capacity of 600,000 t/y and produce rebar, wire rod and sections that are sold domestically. As SBB previously reported, when this new 1m t/y meltshop and another 500,000 t/y rolling mill are in production (at Phu My) by 2012, Pomina's billet and rolling capacity will be in balance.	SBB 24-Feb-10
	(500)	EF	(1000)	EF			
	(500)	CC (billet)	(500)	STR			
	(450)	STR					
Song Than II Industrial Zone (Binh Duong province)	(600)	STR x 2				Thep Viet's 56%-owned subsidiary Pomina Steel runs two 300,000 t/y capacity rolling mills (combined 600,000 t/y). Rebar, wire rod and section output is sold locally. Pomina, which is located in Binh Duong province 60km away from Thep Viet's plant, is currently wholly dependent on imported billet including material from China.	SBB 08-Nov-07
Thong Nhat Flat Steel Joint Stock Co (Vietnam Steel Corp Group)					S		
Phu My industrial park, Ba Ria-Vung Tau	(200)	Cold					

Country: **VIETNAM (20)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Van Loi Group							
Haiphong & Ha Tinh	500		1500	(Possible)	2009-2010	Van Loi Steel Group's first blast furnace should start operating this September at its works at Haiphong in northern Vietnam. This new blast furnace from China, with a capacity of 500,000 tonnes/year, will raise the works' capacity to 1.1m t/y of billet. The project also involves a 1.2m t/y coking plant and a 250,000 t/y basic oxygen converter. Raw material will be minimum 60% Fe iron ore sourced from northern and central Vietnam. Van Loi is also building a 500,000 t/y blast furnace-based plant at Vung Ang industrial zone, Ha Tinh province, which will start operating in Q3 2009. Currently, Van Loi is running its Haiphong plant – its 500,000 t/y EAF meltshop and 250,000 t/year rolling mill – almost at full capacity. All products are sold domestically. Van Loi is planning two other blast furnace projects. Construction has started on a 250,000 t/y furnace in Bac Kan province that should be blown-in by mid-2010. A geological survey has commenced for a similar blast furnace project for Phu Tho province. Both locations were selected because iron ore is located nearby. As a group, Van Loi plans to produce 1.5m t/y of billet by end-2009 and 2m t/y by end-2010 though the company is seeing its project delayed.	SBB 02-Jul-09 MB 27-Feb-08 NET
	(500)	EF		BF			
	(500)	CC (billet)		Steelmkg			
	(250)	STR					
Vietnam Germany Steel Pipe (VG Pipe)							
Binh Xuyen Industrial Zone, Vinh Phuc province							
	(200)	Cold					
	(60)	ERW					

Country: **VIETNAM (21)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Vietnam Steel Corp (VSC)					S		
Steel plant project in Can Tho			(550)	(Unlikely)	2013	Vietnam Steel Corp officially asked Can Tho local authority's permission to rent 50 hectares in Hung Phu I industrial zone to build a steel mill. The mill has a designed capacity of 550,000 tonnes of steel billet and 500,000 tonnes of rolled steel a year, which is expected to come into operation by 2013. The project is estimated to cost USD 200-250 million.	SEAISI NET
			(550)	Steelmkg			
			(550)	CC (billet)			
			(500)	Rolling			
Vietnam Steel Corp & Kunming I&S JV					S		
Lao Cai province			500	(Firm)	2011	Vietnam Steel Corp (VNSteel) is currently selecting the contractor and equipment supplier for its 500,000 tonnes/year billet plant to be located at Bao Thang district, Lao Cai province. This project, which will involve a 500 cubic metre blast furnace and a 50-tonne basic oxygen converter, is a joint venture with China's Kunming Iron & Steel. Both steel companies have a 45% equity share each in the project and Lao Cai Mining the remaining 10%. Kunming will be supplying the works' coke and will be getting iron ore in return. The plant is expected to start commissioning in end-2011.	SBB 01-Jul-09 MB 02-Jul-09
				BF			
			(500)	LD			
			(500)	CC (billet)			
Vietnam Steel Products Ltd					P		
Hanoi							
	(30)	ERW					
Vina Kyoei Steel Ltd					S/P		
Ba Ria Vung Tau				(Firm)	2010	Vina Kyoei Steel currently has a production capacity of rebar and wire rods of 410,000 t/y, but plans to lift this by 20,000 t/y from August 2010 to reach 430,000 t/y by installing larger motors in the rolling mill and updating the reducer.	SBB 18-Mar-10
	(410)	STR	(20)	STR			

Country: **VIETNAM (22)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Vinapipe (Vietnam Steel Pipe)					S/P		
Haiphong	(40)	ERW					
Vinausteel					S/P		
Haiphong	(180)	STR				Vinausteel is a joint venture company incorporated under the Foreign Investment Laws of Vietnam in terms of an Investment Licence issued on 28 June 1994. The current joint venture partners are Vietnam Industrial Investments Ltd (VII) with a 70% interest and the Vietnam Steel Corporation (VSC) with a 30% interest.	HP
Vingal Industries Co Ltd					S/P		
Dong Nai province	(40)	ERW					
VSC-Posco Steel Corp (VPS)					S/P		
Haiphong	(270)	WR					

Country: **OTHERS**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
BANGLADESH							
Abul Khair Steel Products Ltd							
Chittagong							
	(300)	Cold					
	(150)	HGL					
Bangladesh Steel Re-Rolling Mills Ltd (BSRM)							
Chittagong	125		150	(Firm)	2010	Bangladesh Steel Rolling Mills (BSRM) is planning a new billet plant that it claims will be the country's largest. BSRM will be constructing the 150,000 tonnes/year billet plant in the southeastern port city of Chittagong on 1.2 hectares of land, and initially will install two 25-tonne induction furnaces. BSRM commissioned a 375,000 t/y rolling mill for rebars in Chittagong in 2008 and also operates a 125,000 t/y steel plant for billets through a subsidiary called Magma Engineering Works. It also has a 125,000 t/y structural and reinforcing steel rolling mill through another subsidiary.	SBB 10-Jun-09 SBB 19-Jun-08 NET 10-Jan-10
	(125)	Steelmkg	(150)	IF x 2			
	(125)	BTM	(150)	BTM			
	(500)	STR x 2					
Bashundhara Steel Complex Ltd							
Jagir, Manikganj	50						
	(50)	IF					
	(50)	STR					

Country: **OTHERS (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Essar Steel & local companies JV					P		
Steel mill project in Chittagong			(2000)	(Unlikely)	2010	India's Essar Steel Holdings will set up a 2 million tpy steel plant using natural gas as the main source of fuel, a spokesman said. The steel plant, estimated to cost INR 80 billion (USD 2 billion), will make both long and flat products. Essar Group will hold 60% of the company with the remaining held by S Alam Group, PHP, KDS and Abul Khair. Essar's Bangladesh project will be located at Chittagong, whose port has a deep draft, and will start production by 2010 if plans work out. Essar will also have to get approvals from Bangladesh's investment board to set up the steel plant.	MB 14-Aug-08
			(2000)	Steelmkg			
Kabir Steel Re-Rolling Mills Ltd (KSRM)							
Sitakunda, Chittagong				(Possible)	2009	Kabir Steel Re-rolling Mills (KSRM) is setting up a 300,000 tonnes mild steel rod plant in Chittagong. The plant would cost over BDT 5 billion and include a 50-megawatt power plant to supply uninterrupted electricity to the factory. KSRM has opened a letter of credit to import machinery for the plant while it chose site at its existing 150,000 tonnes steel mill at Sitakundu, Chittagong. The new plant would go into operation by the end of 2009.	NET 12-Mar-08
	(150)	STR	(300)	STR			
Karnaphuli Steel							
	(100)	Cold					
PHP Group							
Chittagong							
	(300)	Cold x 2					
	(180)	HGL x 2					

Country: **OTHERS (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Rahim Group							
Diamond Steel Products							
	(46)	STR					
Rahim Steel Mills	120						
		EF					
		IF					
	(120)	CC (billet)					
	(120)	STR					
	(12)	Plate					
Sonargaon Steels							
	(29)	STR					
Ratanpur Steel Re-Rolling Mills (RSRM)							
Chittagong	200						
	(200)	Steelmkg					
	(400)	STR					
RM Steel Mills							
Dhaka							
		Cold					
		EGL					
CAMBODIA							
Eastern Steel Industry Corp					P		
Phnom Penh							
	(12)	HGL					

Country: **OTHERS (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Sun Wah Galvanizing							
Sihanoukville							
	(12)	HGL					
HONG KONG, CHINA							
Shiu Wing Steel Limited					P		
Tap Shek Kok							
	(750)	STR					

Country: **OTHERS (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
LAOS							
Lao Iron & Steel Co Ltd (Kunming I&S)							
Xaythany district of Vientiane			200 (Firm)	(200) Steelmkg STR	2011	China's Kunming Iron & Steel Group (KISG) started construction on phase one of its 500,000 tonnes/year longs steel mill project in Laos earlier this month (May 2010). Some parts of the works had already started construction earlier in 2010. The first phase of the project is expected to be completed in the second half of 2011 with a production capacity of 200,000 t/y. Its production capacity is expected to reach 500,000 t/y after completion of the second phase of construction, which has yet to be scheduled. The works will produce rebar and wire rod. As part of the Laos steelworks project, KISG has also invested in an iron ore mining project, a concentrating plant and a ferro-vanadium plant, all of which began construction earlier this year. According to local media, KISG invested into two joint ventures in Laos in 2007, including a mining company and a steel mill, in order to develop mineral resources in Laos. This year the mill established another joint venture in Laos with China Shanghai Metals-Steel Corporation for Foreign Economic & Technological Cooperation (SFECO) to regulate its investments in the country.	SBB 11-May-10 SBB 04-Sep-07
Vientiane Steel Industry Co Ltd							
Hatxayfong District, Vientiane		(150) STR					

Country: **OTHERS (6)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
MONGOLIA							
Darkhan Metallurgical Plant					S		
Darkhan-Uul	100						
	(100)	EF CC (billet) STR					
MYANMAR							
Ace Metal Industries Co Ltd							
Yangon							
	(4)	ZnAl					
Dagon Steel Ltd							
Hlaingthayar Industrial Zone							
	(14)	HGL					
Myanmar Posco Steel					S/P		
Yangon							
	(30)	HGL					
Myanmar Steel Industries Co							
Yangon							
	(24)	HGL Ptg					

Country: **OTHERS (7)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
No.1 Steel Plant (Kyaukswekyo)					S		
Kyaukswekyo, Aunglan, Bago							
	(200)	STR					
No.2 Steel Plant (Myaungdagar)					S		
Hmawby, Yangon							
	(150)	Plate					
No.3 Mining Enterprise					S		
No.1 PyinOoLwin Iron & Steel Factory	30					No.3 Mining Enterprise is headquartered in Yangon.	
	(40)	DR x 2					
	(30)	EF x 2					
	(42)	CC (billet)					
		STR					
No.3 Steel Plant (Ywama)					S		
Ywama	50					No.3 Steel Plant (Ywama) raised steelmaking capacity from 12,000 to 50,000 tons in 2005.	NET SBB 31-May-05
	(50)	EF					
		WR					
		STR					

Country: **OTHERS (8)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
No.4 Steel Plant (Myingyan)								
Myingyan, Mandalay			200	(Firm)		2010	The recent inauguration of a new steel plant in Myanmar, which is No.4 Steel Plant in Mingyan township, Mandalay division, would expedite the use of steel and iron in building state infrastructure, said the official daily NewLight of Myanmar on 23 March 2010. The Mingyan steel plant, built by the Myanmar Economic Corporation under the Defense Ministry, was opened on 21 March. Located near Hsakha village in the township, the Mingyan steel plant can produce over 200,000 tons of steel billets and slabs a year and later 400,000 to 500,000 tons, said the editorial.	NET
			(200)	EF				
				LF				
				CC				
No.5 Steel Plant (Pinpet)					S			
Shan State				(Firm)		2009	The Russian government-owned enterprise, Tyazhpromexport is constructing a plant to produce cast iron in Shan State. The project, which has a capacity of producing 200,000 tonnes of cast iron per annum, is expected to be commissioned in early 2009 and that the iron produced would be fed to a steel mill run by the Myanmar Economic Corporation (MEC), a major business undertaking of the army based in Myingyan of Mandalay Division.	NET
			(200)	BF				
NEPAL								
Ashok Steel Industries					P			
Jeetpur, Bara	16							
	(16)	Steelmkg						
	(16)	STR						

Country: **OTHERS (9)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Himal Iron & Steel					P		
Parwanipur, Birgunj						In 1971, Himal Iron & Steel brought a rolling mill into operation in the southern district of Parwanipur.	
	(40)	STR					
Jagdamba Steels (Shanker Group)					P		
Simra, Bara	240						
	(240)	IF					
	(160)	CC (billet)					
		STR					
		WR					
Panchakanya Steel					P		
Bhairahawa, Lumbini Zone							
	(19)	STR					
NORTH KOREA							
China's Tangshan I&S Steelmaking JV in North Korea							
Kimchaek			(1500)	(Unlikely)		China's Tangshan Iron & Steel is finalising details of a planned 1.5 million tpy steel joint venture in North Korea which would make it the first Chinese company to develop a steelmaking project in the country. The company signed a letter of intent with the Korean government concerning the construction of a 1.5 million tpy steel joint venture, and the company are negotiating details such as the finished products, but it should be concluded soon. The steel complex is to be constructed in Kimchaek Industrial Park and make use of iron ore deposits there.	MB 26-Oct-07
			(1500)	Steelmkg			

Country: **OTHERS (10)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Chongjin Works							
North Kankyo	2000						
		DR (SLRN)					
		LD					
		EF					
		CC (slab) x 3					
		Plate					
Hwanghai Iron Works							
Songnim	2500						
		BF x 3					
		OH					
		EF					
		BLM					
		Hot					
		STR					
		Plate					
Kangson Works							
Kangson	960						
		(stainless steel)					
	(960)	EF x 8					
		LD					
	(900)	BLM					
		Hot					
		WR					

Country: **OTHERS (11)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Kimchaek Works									
	Kimchaek	6000							
			BF x 3						
			LD						
			BS						
			OH						
			EF						
			WR						
			Plate						
			Hot						
			Cold						
			SMLS						
			ERW						
			HGL						
Songjin Works									
	Songjin	100							
		(100)	EF						
			Plate						
			STR						
			SLM						
SINGAPORE									
Hwa Yew Iron Works Pte Ltd (HWACO)						P			
	Mandai Estate								
			(stainless steel)						
			ERW						

Country: **OTHERS (12)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
NatSteel Holdings Pte Ltd					P		
Jurong	720					India's Tata Steel Ltd has completed the acquisition of the steel business of NatSteel Ltd in February 2005. As part of the transaction, the company has subscribed to the 100% equity of NatSteel Asia Pte Ltd. All steel assets of NatSteel in Singapore, Malaysia, Thailand, Vietnam, Philippines, Australia and China (except Changzhou Wujin Natsteel) have been transferred to NatSteel Asia. In 2008, as part of an internal restructuring exercise, the entire business of NatSteel Asia Pte Ltd was transferred to NatSteel Holdings Pte Ltd.	
	(720)	EF					
		LF					
	(720)	CC (billet)					
	(720)	STR x 2					
SRI LANKA							
Bhuwalka Steel Industries (Sri Lanka)							
Horakale, Yagampattu	25						
	(25)	EF					
	(25)	STR					
Ceylon Heavy Industries & Construction (formerly Ceylon Steel)					P		
Oruwala, Athurugiriya						The company was privatised in 1997 when the government sold its interest to Korea's Hanjung (renamed as Doosan Heavy Industries Construction).	
	(100)	STR x 10					
GTB Colombo Corp							
	50						
	(50)	EF					
	(50)	STR					

Country: **OTHERS (13)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Hiat Steel								
	Colombo	20						
		(20)	EF					
		(18)	STR					
		(20)	CC (billet)					
Melbourne Metals (Pvt) Ltd								
		60						
		(60)	IF					
		(36)	STR					
Multisteel Industries (Pvt) Ltd								
	Pahala Bomiriya, Kaduwela							
		(60)	STR x 2					

CIS

Unit : thousand tonnes per year

Country	Nominal capacity							Crude steel production	Apparent consumption
	Exist	Increase to 2012			Capacity in 2012				
	2009	Firm	Possible	Unlikely	Mean	Low	High	2009	2008
KAZAKHSTAN	6 600	800	0	4 000	7 400	7 400	7 400	4 146	2 984
RUSSIA	83 236	7 340	240	18 453	90 696	90 576	90 816	59 940	40 783
UKRAINE	47 376	1 100	1 340	21 320	49 146	48 476	49 816	29 757	7 907
OTHERS	5 910	270	250	0	6 305	6 180	6 430	3 635	5 535
TOTAL	**143 122**	**9 510**	**1 830**	**43 773**	**153 547**	**152 632**	**154 462**	**97 478**	**57 209**

Note : Apparent consumption is in terms of crude steel.

Source : Capacity − OECD secretariat. Production and apparent consumption − worldsteel.

Country: **KAZAKHSTAN**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
ArcelorMittal Temirtau (formerly Ispat Karmet JSC)					P		
Greenfield development			(4000)	(Unlikely)		ArcelorMittal Temirtau will restart the construction project of its new four million capacity steel mill in Temirtau in the Karaganda region of Kazakhstan in 2011, the plant's technical director Vadim Basin has said. "We have agreed with the national investment committee a two-year extension of the terms for the implementation of the project, i.e., first construction works will begin no earlier than 2011. The company's management had postponed construction of the new steel mill due to lack of the company's own raw materials and the instability of the international steel market," Mr. Basin stated. The project for the construction of a new four million mt capacity steel mill in Temirtau was started in October 2008, within the framework of ArcelorMittal's program for the expansion of its annual steel production capacity in Kazakhstan to ten million mt by 2013, which was expected to cost about USD 7 billion.	SO 31-May-10 HP ISWW
				BF x 2			
				LD x 2			
			(1960)	CC (slab)			
			(960)	CC (bloom)			
			(960)	CC (billet)			
			(1910)	Hot			
			(1840)	Cold			
Karaganda	5200		800	(Firm)	2010-2011	In March 2010, the company announced that it has started the construction of a new 1.2 million mt capacity six-strand continuous square billet caster for its long steel producing facility. Accordingly, the construction of the new continuous billet caster together with projects for the repair and modernization of blast furnaces, scheduled for 2010-2011, is in line with the company's target to increase its steel output to 6 million mt per year.	SO 31-Mar-10 HP
				LD			
			(1200)	CC (billet)			
	(4590)	BF x 4					
	(5200)	LD x 3					
	(5200)	CC (slab) x 2					
	(4600)	Hot					
	(2600)	Cold x 3					
	(375)	Tin plate x 3					
	(800)	HGL x 2					
	(80)	Ptg					
	(400)	STR					
	(60)	SAW					

Country: **KAZAKHSTAN (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Caspian Stal Ltd							
Aktau	300					Kazakhstan's Caspian Stal has started production of rebar and sections at its mini-mill in the west of the country, project financier BTA Bank said in a statement. Caspian Stal plans to ramp up the 300,000 tpy electric arc furnace works to 72% of its total capacity in the first year of operation. BTA bank has provided around USD 50 million of financing for the project. Caspian Stal began construction of the mill at the beginning of 2006 using equipment reportedly supplied by Chinese manufacturers.	MB 22-Dec-08
	(300)	EF x 2 CC (billet) STR					
Casting Ltd							
Pavlodar	300					Casting Ltd, which is based at Pavlodar in the north-east of Kazakhstan, is a 300,000 tpy steelworks based around a 25-tonne electric arc furnace and a three-strand continuous caster, which feeds a medium section mill, rebar mill and ball rolling mill. The mill has been operating since 2003.	MB 18-Aug-08
	(300)	EF CC (billet) STR					
Eurasian Natural Resources Corp (ENRC)							
New DRI plant project				(Unlikely)		ENRC's 2010 investment program for its iron ore division has been revised and feasibility studies are now being undertaken for the construction of a five million mt per annum pelletizer and a direct reduced iron/hot briquetted iron (DRI/HBI) plant with a capacity of 1.4 million mt per annum. The total project cost is estimated to be USD 850 million.	SO 30-Mar-10
			(1400)	DR			

Country: **KAZAKHSTAN (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Sokolov-Sarbai Mining Production Association (SSGPO)			(41) (8) (26)	(Firm) STR WR Rolling	2009-2010	Kazakhstan's biggest iron ore producer Sokolov-Sarbai Mining Production Association (SSGPO), a subsidiary of mining group Eurasian Natural Resources Corporation Plc. (ENRC), plans to commission its new steel rolling mill in July 2010. Construction on the new rolling mill, located in Rudniy in the northern Kazakh region of Kostanay, started in 2008. The mill's first production line will be put into operation in September 2009. SSGPO's new rolling mill, the project for which will cost a total of KZT 7.82 billion (approx. USD 51.9 million), will have a capacity of 75,000 mt of steel products per year, including 25,900 mt of grinding balls, 7,800 mt of rods, and 41,200 mt of light section steel products and rebar. The supplier of the mill's main equipment is Chinese metallurgical and engineering company Sinosteel Equipment & Engineering Co., Ltd.	SO 15-Jun-09
KSP Steel							
Pavlodar	800 (800) (270)	 EF x 2 LF x 2 CC (billet) x 2 SMLS	(450)	(Possible) STR	2009	KSP Steel commissioned a steel-smelting workshop, a pipe rolling mill and finishing lines in December 2007. In 2009, KSP Steel will start up a new rolling mill with an annual capacity of 450,000 tonne of reinforced bars and steel rods with diameters of 10-32 mm and 5.5-12 mm, respectively.	HP
SBS Group							
New steel mill project in Aktyubinsk area			(500)	(Unlikely) DR		Kobe Steel and its partner, Ukraine's Hares Engineering, expect to conclude a contract soon with SBS Steel in Kazakhstan to build a 500,000 tonnes/year ironmaking plant there incorporating Kobe ITmk3 technology.	SBB 26-Oct-09 MB 18-Aug-08 HP 30-Oct-07

Country: **RUSSIA**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Agrisovgaz Ltd							
Maloyaroslavets, Kaluga Region							
	(60)	ERW					
Alapayevsk Iron & Steel Works					P		
Sverdlovsk, Oblast							
	(36)	BF					
Almetyevsk Pipe Plant (OMK Group)					P		
Tatarstan							
	(300)	ERW					
Amurmetal					S		
Khabarovsk Region	2100					100% of Amurmetall's share capital was acquired by Russia's Vnesheconombank (VEB), a state corporation bank for development and foreign economic affairs, on 31 July 2009. The mill had been idle since May and filed for bankruptcy in June, after making RUB 180 million (EUR 4.1m) in losses every month since the beginning of the 2009. A RUB 5bn (EUR 112m or USD 157m) credit line has been opened for the mill to pursue its investment programme, which should see production rise from the current 1m tonnes/year to 2.1m t/y by 2011. Having installed a new 1.2m t/y electric arc furnace from Concast and renovated an existing 1m t/y furnace 2007, the mill's next, USD 216m, investment phase was set to continue during 2008-11.	SBB 11-Aug-09 SBB 03-Aug-09 SBB 24-Oct-08
	(2100)	EF					
		LF					
		CC (billet)					
	(1200)	CC (slab)					
		Plate					
		STR					
		WR					

Country: **RUSSIA (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Ashinsky Steel Works (Asha)					P		
Asha, Chelyabinsk region	650	(special steel) (650) OH x 3 LF (800) CC (slab) (600) Plate Hot Cold	350	(Firm) (special steel) (1000) EF (400) CC (slab)	2010	Russia's Ashinsky Steel Works (Asha) is to repair two of its three open hearth furnaces in June ahead of the commissioning of a new 120-tonne electric arc furnace. Asha will run the old furnaces only until it fully switches on to the EAF-based production this year. “As soon as the EAF nears its annual capacity of 1m t/y of crude steel, we will start decommissioning the hearth furnaces, and hopefully get rid of them before the end of this year,” Asha’s representative tells SBB. Asha has also revived its four-year old project of replacing its plate rolling shop. Heavy plate and alloyed hot- and cold-rolled sheets comprise over 80% of the output from the plant, the latter currently nears 50,000 t/m of finished products. “Our old 600,000t/y mill has been in operation since 1952, it has had its day. A new mill will allow us to make 800,000t/y of plate a year when it is launched in 2015,” Asha’s spokesperson tells SBB.	SBB 13-May-10 SBB 17-Feb-10 SBB 30-Dec-09
AV-Stal							
Novgorod region			(143)	(Unlikely) (143) EF (143) STR	2013	The Russian company TESO Engineering, specialized in the modernization and construction of steel producing facilities, plans the construction of a new rebar producing mini-mill in Russia's Novgorod region. The new electrometallurgical plant, to be called AV-Stal, will have an annual production capacity of 143,000 mt of long steel products for the construction sector, and will use scrap as raw material. The main investors in the project, estimated at RUB 1.63 billion (about USD 55.4 million), will be Switzerland-based Teso Steel Holding and Panama-based Metal Assets. The construction of the new plant is to be started in the second half of 2010, and is to be finished by 2013.	SO 31-Mar-10

Country: **RUSSIA (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Surovikino, Volgograd Region			120	(Firm)	2011	Metal Assets S.A. is to acquire a 50% interest in the operating company of the Russian Surovikino Rolled Steel Works, a micro-mill being constructed by AV-Stal, as well as 100% of all the patents, for USD 3 million. Surovikino is being constructed using "Smart Steel Process" (SSP) technology, which involves plants for long rolled steel products being constructed close to scrap metal supplies, employing only about 120 people and producing about 120,000 tonnes/year. To date AV-Stal has signed a total of six agreements to build and operate plants in Russia and one plant in Lithuania. After the planned start-up of the Surovikino plant in the southern Russian town of Volgograd in late 2011, a second mill will be started up.	SBB 16-Dec-09 SBB 29-Sep-09
			(120)	EF			
			(120)	STR			
Beloretsk Metallurgical Plant (Mechel Group)					P		
Beloretsk, Bashkortostan							
	(560)	WR					
Chelyabinsk Metallurgical Plant (Mechel Group)					P		
Chelyabinsk	5100			(Firm)	2011	Russian steelmaking group Mechel has started up a two-stand ladle furnace at its Chelyabinsk plant. Ladle furnace No. 3 will be able to process up to 1.2 million tpy of crude steel, raising capacity at Mechel's No. 4 continuous billet caster by 120,000 tpy, Mechel said. Mechel is also due to finish building its 1 million tpy universal rolling mill at its Chelyabinsk plant in 2011, with commissioning planned for later that year. The mill will produce merchant bar, structural steel and 400,000-600,000 tpy of 100 metre welded rails for Russia's railway network.	MB 02-Feb-10 MB 24-Nov-09
		(stainless steel)					
	(3800)	BF x 3	(1000)	STR			
	(3600)	LD x 3					
	(1500)	EF x 3					
		AOD					
		CC (billet) x 4					
		BLM					
		STR x 5					
		WR					
		Hot					
		Cold (stn)					

Country: **RUSSIA (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Chelyabinsk Tube Rolling Plant (ChTPZ Group)							
Chelyabinsk	430			(Firm)	2010	Russian pipe producer Chelyabinsk Pipe Mill's (ChTPZ) board of directors has approved borrowing of RUB 10bn (EUR 229m) from the country's Gazprom bank. The loan is for a maximum term of five years, with half of the funds to be used as working capital and the other half for ChTPZ's on-going construction of a large diameter pipe mill. ChTPZ announced last spring that due to adverse economic conditions, the start-up of the mill, which will produce pipe of 580-1,420mm diameter and 18 meters long for the oil and gas industry, is going ahead, but will be delayed. The 600,000 tonnes/year mill is being supplied and built by SMS Meer and will cost about EUR 500m. ChTPZ aims to produce the first pipe at the new mill in July 2010. Currently ChTPZ Group is constructing an electric arc furnace with a 950,000 tpy crude steel capacity and a round billet caster at Pervouralsky. The new mill will replace the group's outdated open hearth furnaces at its Chelyabinsk Tube Rolling Plant.	SBB 12-Jan-10 SBB 02-Oct-09 MB 14-Mar-07
	(430)	OH x 4	(600)	SAW			
	(480)	SMLS					
	(1814)	SAW					

Country: **RUSSIA (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Chusovoy Metallurgical Works (OMK Group)					P		
Perm region	650		(400)	(Unlikely)		Russia's Vneshekonombank (VEB) is currently examining a bid to finance the modernisation of Chusovoy Iron and Steel Works, located near Perm in the Urals region of Russia. VEB, which is operating a government scheme to support towns largely dependent on one major employer ("monotowns"), is currently examining company plans to construct new facilities at the site. The modernisation plan for the OMK-owned unit includes construction of an electric arc furnace with a capacity of 850-900,000 tonnes/year and a continuous caster and rolling mill with a capacity of 700,000 t/y. The project will result in replacing the open-hearth process with the electric-furnace steelmaking process. Modernization is expected to cost RUB 15bn (EUR 371m). The town of Chusovoy was included on a list of 27 towns that have already qualified to receive state support in 2010. Under the scheme, the Russian government plans to invest, collectively in the towns, RUB 10bn (EUR 248m) through subsidies. It is also planning to invest a further RUB 10bn in 3 year loans.	SBB 15-Mar-10 NET HP
	(730)	BF x 2		BF			
	(150)	LD x 3	(900)	EF			
	(500)	OH x 2		CC (billet)			
	(600)	BTM	(700)	Rolling			
	(562)	STR x 3					
Electrostal Metallurgical Plant							
Moscow Region	314						
		(stainless steel)					
		EF					
		IF					
	(110)	STR x 2					
		Rolling x 2					
	(10)	Plate					
		Cold					

Country: **RUSSIA (6)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Gorkovsky Metallurgical Plant							
Nizhny Novgorod	50 (special steel) (50)	 EF x 2 STR Hot	(250) (special steel) (250) (240)	(Unlikely) EF STR	2009	Russia's Gorkovsky Steelworks is negotiating finance for construction of a new EAF-based plant to produce special steel. The project has been accorded priority status by the investment council of the Nizhny Novgorod region, east of Moscow. The plant will have a capacity of 250,000 tonnes/year of liquid steel, which will be used to produce 240,000 t/y of light rolled products. It will be capable of producing special carbon steel, low and medium alloy engineering steel, tool steel, high quality rebar (produced from carbon steel with special requirements) and some stainless steel. Rolled product output will mainly comprise square, round, flat and hexagonal bars for the automotive industry. Once financing is secured, construction will take two years. The company expects to bring the mini-mill on stream in 2008 or 2009. The company is also in the process of upgrading its existing special steelmaking facility to increase capacity and improve quality.	SBB 15-Aug-06
Guryevsk Steel Works (Estar Holding)					P		
Guryevsk, Kuznetsk region	200	 (200) OH x 2 (320) STR (200) Rolling x 5				Russian steel holding company Estar Holding has filed for bankruptcy protection on six of its nine mills within Russia. The mills concerned in the filing are Nytva, Novosibirsky Metals Plant, Zlatoust Metals Plant, Gurievsky Metals Plant, Engelsk Pipe Plant and Volgograd Small-Diameter Pipes Plant, the report also said, although the company did not confirm these details.	MB 09-Jun-09

Country: **RUSSIA (7)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Industrial Union of Donbass					P		
New mini-mill project in Armavir			(2600) (2600) (2400)	(Unlikely) EF x 2 LF x 2 CC (billet) CC (bloom) STR x 2		Ukrainian steelmaking group Industrial Union of Donbass (ISD) has indefinitely frozen plans to build a mini-mill in southern Russia's Krasnodar region. Low steel demand together with the high costs for building the plant, which would exceed USD 250 million, were behind the company's decision to halt the project. Work on the plant will resume as the situation improves, but the company could not give a timeline on when any movement would occur. ISD started work on the plant in 2008.	MB 12-May-09 SBB 12-Feb-09 SBB 02-Nov-07
Izhstal (Mechel Group)					P		
Izhevsk, Udmurt	700 (stainless steel)	EF x 5 OH x 3 CC (billet) x 2 BLM STR x 3 WR	(350)	(Firm) EF CC (billet) STR	2010	Izhstal, a subsidiary of the Russian mining and steel producing company Mechel, plans in April 2010 to commission its new 350,000 mt capacity electro-smelting complex, which will allow it to gradually switch from the use of open hearth furnaces (OHF) in its steel making process. Accordingly, the commissioning of the new electro-smelting complex, which includes a new 40 mt electric arc furnace (EAF), a new ladle furnace, a new continuous billet caster and a new vacuum degasser, will allow Izhstal to complete its large-scale program directed towards the reconstruction of its steelmaking facilities. The completion of the reconstruction, which was started in 2008, will be carried out in several stages. In the first stage Izhstal's new continuous billet caster with water treatment unit will be commissioned, in the second stage the plant's new EAF, ladle furnace and gas cleaning unit will be commissioned, while in the final stage the new vacuum degasser and the new slow cooling line for structural and special steels will be put into operation.	SO 17-Feb-10 HP

Country: **RUSSIA (8)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Kamastal								
	Perm	300						
		(300)	EF Plate STR					
Kirov Works								
	Petrostal (St. Petersburg)	300			(Unlikely)		Russian merchant bar producer Petrostal plans to resume its project to install an electric arc furnace to replace its open-hearth furnaces once production on its rolling mill 350 achieves its pre-crisis levels of 22,000 tpm. The plant is now rolling 17,000 tpm of merchant bar on the mill, which includes round, square and flat bar. Feedstock comes from ingots, which are rolled into blooms. Petrostal was ready to start building the hot end in late 2008 in the Leningrad region, outside of St. Petersburg. But the plan was halted as the financial crisis began. Capital investment into the project would have been about USD 50 million, according to earlier reports in the Russian trade press. Petrostal uses scrap to produce ingots via its four 85 tonne open-hearth furnaces, which have a combined capacity of over 300,000 tpy, according to company information. The official could not indicate the size of the planned electric arc furnace or its crude steel capacity, but said that it would increase mill 350's production to about 29,000 tpm.	MB 12-Nov-09
		(300)	OH x 4 LF BLM STR		EF CC			
Kosaya Gora Iron Works								
	Tula region							
		(600)	BF x 3					

Country: **RUSSIA (9)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Krasnoyarsk Metallurgical Mill SibElectroStal							
Krasnoyarsk, Siberia	105	(stainless steel)					
	(105)	EF x 2 STR					
Kurum Demir							
New mini-mill project in Volgadonsk			(1500)	(Unlikely)		Turkish steelmaker Kurum Demir plans to build a 1.5 million tpy long products works at Volgadonsk, southern Russia. The USD 150 million investment includes an electric arc furnace based meltshop to produce billet and rolling facilities to make rebar and wire rod products. Volgadonsk is about 250km northwest of the Black Sea port city of Rostov.	MB 03-Sep-07
			(1500)	EF			
			(1500)	CC (billet)			
				WR			
				STR			
Lebedinsky GOK (Metalloinvest group)					P		
Gubkin, Belgorod Region						Alisher Usmanov's Metalloinvest plans to capture more than a fifth of the world's merchant HBI market by 2015. It produces around 1 million tpy of HBI, but plans to steadily increase output to 8 million tpy by 2015. The company opened a new HBI module at the Lebedinsky GOK mine late 2007 and plans to open a sister module at Mikhailovsky GOK. Metalloinvest plans to increase HBI production to 5.2 million tpy by 2012, with a jump to 8 million tpy by 2015 when the Mikhailovsky module comes on stream.	MB 07-Jul-08
	(900)	DR (HYL III)					
	(1400)	DR (MIDREX)					
Lipetsk Iron Works "Svobodny Sokol"							
Lipetsk						The company produces ductile iron pressure pipes.	
	(780)	BF x 2					

Country: **RUSSIA (10)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Lysva Metallurgical Works								
Perm region								
	(150)	EGL x 3						
Magnitogorsk Iron and Steel Works (MMK)					P			
Magnitogorsk	15100			(Firm)		2011	Magnitogorsk Iron & Steel Works (MMK) in Russia is continuing construction of its 2,000mm cold rolling mill and aims to bring it into operation at the end of 2011. The mill, supplied by SMS Demag of Germany, had been expected to be commissioned around July 2010. Work is taking place at the moment on the foundations for the mill itself and the accompanying pickling section, and on the steel structure of the building to house, MMK says. The mill will have a capacity of 2m tonnes/year. It is intended to produce high quality automotive sheet and substrate for coating, as well as sheet for household appliances and construction.	SBB 13-Jan-10
	(10000)	BF x 8	(2000)	Cold				
	(10300)	LD x 3						
	(4000)	EF x 2						
	(800)	OH						
		LF x 2						
		CC (slab) x 5						
		CC (billet) x 2						
	(2035)	STR x 3						
	(2290)	Plate x 3						
	(10000)	Hot x 2						
	(3375)	Cold x 5						
	(297)	Tin plate x 2						
	(1094)	HGL x 3						
	(385)	Ptg x 2						
	(113)	ERW x 3						
Magnitogorsky Metizno-Kalibrovochny Zavod MMK-METIZ (MMK group)					P			
Magnitogorsk, Chelyabinsk Region								
	(970)	Cold						
		WR						

Country: **RUSSIA (11)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Maxi-Invest					P		
Mini-mill project in Tatarstan			(1000)	(Unlikely)	2012	Former Maxi Group owner Nikolai Maximov has created a new company to build several mini-mills in Russia, according to local press reports. The new company, Maxi-Invest, is now completing designs for prospective mills in the Vladimir region and in Tatarstan, which would each have a 1 million tpy crude and rolling capacity, Russian business daily Kommersant said. The plants would be likely to start up in 2012 if construction starts in late 2010. But work on the plants is contingent on whether the domestic demand for construction steel recovers. Maxi-Invest is looking at building two additional mini-mills in the Novgorod and Ryazan regions and possibly in Siberia, Kommersant said.	MB 27-Jan-10 SBB 27-Jan-10
			(1000)	EF STR			
Mini-mill project in Vladimir			(1000)	(Unlikely)	2012		MB 27-Jan-10 SBB 27-Jan-10
			(1000)	EF STR			
Minyar Steel & Wire Production Works							
Chelyabinsk Region, Urals							
		STR WR					
Moscow Tube Works (Filit)							
Moscow							
		(stainless steel)					
	(96)	ERW x 4					
	(120)	ERW					

Country: **RUSSIA (12)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Nizhny Tagil Iron & Steel - NTMK (Evraz Group)					P		
Expansion project			(3000)	(Unlikely) BF LD x 3 CC x 3	2014	Evraz's Nizhny Tagil Iron and Steel Works (NTMK) has begun building a blast furnace (reconstruction of BF No.3) and convertor shop to increase the mill's crude steel capacity by around 70%. The project will be completed within three years, while the commissioning of the new shop is planned for 2014.	MB 19-Feb-10 SO 24-Dec-09 NET
Nizhny Tagil, Sverdlovsk region	4200 (4200) (4200) (3900) (436)	BF x 6 LD x 4 LF x 3 CC x 4 STR x 3 Rolling x 4	300 (300)	(Firm) LD	2010	Russian steelmaking group Evraz Holding plans to start building a new ladle furnace at its Nizhny Tagil works (NTMK) for its basic oxygen furnace No.4 later 2010. Work to build the furnace is due to start in December 2010 and will last two months, Evraz said. The group concluded a EUR 30 million agreement with Italian firm Danieli in April 2010 for the ladle furnace's installation. In addition to the new furnace, NTMK also signed a EUR 30 million agreement with Austrian company Siemens in late 2009 to increase oxygen converter No.4's production capacity by 12.5% to 4.5 million tpy and NTMK's continuous casting machine No.3's capacity by 43% to 1 million tpy by December 2010.	MB 26-Apr-10 SO 15-Jun-09

Country: **RUSSIA (13)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
NLMK-Sort (NLMK-Long Products) (NLMK group)					P		
Berezovsky plant	(1000)	WR				Russia's Novoilipetsk Steel (NLMK) has created subsidiary company NLMK-Sort (NLMK-Long Products) to manage its long products business. The new subsidiary will manage operations at the group's Nizhnie Sergi (NSMMZ) mill, the Ural Precision Alloys Works, Berezovsky Electrometallurgical Plant and the planned Kaluga Eletrometallurgical plant. It will operate all business processes, financial and commodity flows of long products, the company said. NLMK's acquisition of the controlling stake in OJSC Maxi-Group and its subsidiaries resulted in the formation of this Division. NLMK-Sort is also to take on NSMMZ Trading House's functions to optimise its finished products distribution system. The mills under NLMK-Sort have a 2.2 million tpy crude steel capacity, 2 million tpy longs rolling capacity and a 560,000 tpy downstream capacity, NLMK said.	MB 09-Dec-09 HP 09-Dec-09
New mini-mill project in Kaluga			1550	(Firm)	2012	Construction of NLMK's 1.5m t/y Kaluga long products mini-mill is ongoing, with completion expected at the beginning of 2012.	SBB 07-Apr-10
			(1550)	EF LF CC (billet)			
			(1500)	STR			

Country: **RUSSIA (14)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
	Nizhnie Sergi plant	2100 (2100)< (1360) (1000) (360)	 EF x 3 CC x 2 BTM STR WR	200 (200)	(Firm) EF STR		2012	Novolipetsk Steel's long products producer Nizhnie Sergi (NSMMZ) will spend RUB 1bn (EUR 22.1m) on upgrades in the next three years, it says. The mill will be capable of producing 2.3m tonnes of crude steel and 2m t of rolled products upon completion of the works. The works will include the construction of a new 800,000 tonnes/year vacuum degasser, upgrading of the No.2 continuous billet caster and reconstruction of the gas purifying equipment. The range of products will also be expanded, with all of the special grade steel to be treated in the degasser. NLMK has recently increased its direct stake in the ex-Maxi-Group's Nizhnie Sergi steelworks to 57%, in order to better manage this asset more effectively. It also appointed a new director of the longs division to manage and develop the assets.	SBB 09-Sep-09 SO 08-Sep-09
	Ural Precision Alloys Works (UZPS)	5 (5) (3) (3)	 IF Hot Cold Rolling					Russian flats producer Novolipetsk Steel (NLMK) has announced that it bought stakes in subsidiary companies of the Maxi Group, which auctioned them off to meet loan obligations. NLMK paid USD 44.5 million at a June 25 auction for three Maxi Group assets, which included a 32% stake in the Nizhne Serginsky Hardware Steel Works, 100% of scrap processing company Uralvtorchermet and 48% in Ural Precision Alloys Works. NLMK acquired 50% and one share in the Maxi Group in December 2007.	MB 26-Jun-09

Country: **RUSSIA (15)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Novokuznetsk Iron & Steel - NKMK (Evraz Group)					P		
Novokuznetsk, Kemerovo region	1500		(400)	(Unlikely)	2011-2012	It is planned that the forthcoming installation of the vacuum degassing unit and other reconstruction projects at the plant's steel-melting facilities will increase the production to 1.9 million tonnes per year. The programme is expected to be completed in 2011. Russia's Evraz group is also reviving its 100-metre long rail mill project, plans for which were frozen when the financial crisis hit the economy over a year ago. It will start the construction of the mill, which in part will be an overhaul of the existing mill, in 2010 and is planning to finish the work by the end of 2012.	HP SBB 17-Dec-09
	(2200)	BF x 2	(400)	EF			
	(1500)	EF x 2		STR			
		LF					
	(1450)	CC (billet) x 2					
	(500)	Plate					
	(1480)	STR x 2					
	(157)	Rolling x 2					
Novolipetsk Steel (NLMK)					P		
Lipetsk	9530		3400	(Firm)	2011-2012	Novolipetsk Steel (NLMK) has restarted a project to modernise the third reheat furnace at its hot strip mill. The company expects to commission the furnace in 2011, when it will increase NLMK's hot rolling capacity by 200,000 tonnes/year. The upgrade was originally started in 2007, but stalled due to the financial crisis. The furnace will cost an estimated USD 68.2m to modernise. It is part of the second stage of NLMK's technical upgrade programme, which also includes construction of a 3.4m t/y blast furnace and modernisation of the basic oxygen converter shop at Lipetsk. Stage two is expected to cost in the region of USD 4.3bn in total. The company plans to begin hot testing the blast furnace by mid-2011. Its start-up will allow NLMK to increase crude steel production at Lipetsk to 12.4m t/y in 2012.	SBB 07-Apr-10 SBB 17-Mar-10 SBB 19-Jan-10 HP
	(9560)	BF x 5	(3400)	BF			
	(9530)	LD x 5	(3400)	LD			
		CC x 9	(200)	Hot			
	(5380)	Hot					
	(2900)	Cold x 3					
	(808)	Silicon					
	(1200)	HGL x 4					
	(395)	Ptg					

Country: **RUSSIA (16)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Novorosmetall							
Novorossiysk	500		(1300)	(Unlikely)	2011-2012	Novorossiysky Steelworks (Novorosmetall), based in Novorossiysk in southern Russia's Krasnodar territory, has started construction of a rolling shop in Abinsk, also in Krasnodar territory. The shop will have an annual capacity of 500,000 tonnes of steel wire, wire rod, rebar, angles and channels and will come into operation in the first quarter of 2008. Novorosmetall's existing EAF-based plant in Novorossiysk will supply the Abinsk mill with billet. The Novorossiysk plant has now been operating for four months following full reconstruction and has a capacity of 500,000 t/year of billet. In a second phase of expansion, Novorosmetall plans to construct another EAF-based steelmaking shop and a second rolling shop at the Abinsk site, taking overall capacity of long products to 1m t/y.	SBB 27-Jun-07 SBB 09-Oct-06 NET 02-Jul-08
	(500)	EF CC (billet)	(1300) (1000)	EF STR x 2			

Country: **RUSSIA (17)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Novosibirsk Metallurgical Works named after Kuzmin (Estar Holding)					P		
Novosibirsk			(700)	(Unlikely)	2010(ERW), 2012(EF)	The consortium that acquired a 48% stake in the Novosibirsk Metallurgical Plant (NMZ) has the option to acquire more shares in the Russian re-roller. The Russian re-roller, formerly owned by Estar Holding, has outstanding debts of over RUB 8 billion (USD 266 million). Metallservis and local companies Zheldofinans and Mosprominvest acquired the NMZ stake during the fourth quarter of 2009. Metallservis holds 18.25%, while Zheldofinans and Mosprominvest respectively hold 10.5% and 19.25%. Estar Spetsstal retains the remaining 52% stake in NMZ. That percentage is still under the five-year rent agreement that Metallservis, the Novosibirsk regional government and Estar Holding signed in mid-2009. In NMZ, a new pipe welding mill is expected to start up in March 2010. The RUB 25m (EUR 670,000) small diameter welded mill will produce pipes from hot and cold rolled strip with diameters of 16-51mm and a wall thickness of 1-2mm. The works also plans to introduce a number of new products for the construction industry in 2010. These should increase capacity to 30-35,000 tonnes/month by the second quarter of 2010.	SBB 03-Mar-10 MB 22-Feb-10 HP 09-Apr-08
		Hot	(700)	EF			
		Cold	(700)	CC (slab)			
		ERW		Hot			
				ERW			
Omutninsk Metallurgical Plant					P		
Omutninsk, Kirov Region	209						
	(209)	OH x 2					
		LF					
		CC (billet)					
	(166)	BTM					
	(186)	STR x 4					

Country: **RUSSIA (18)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
OMZ - Special Steel (Izhorskiye Zavody)							
Kolpino, St. Petersburg	660	(special steel) (660) EF x 3 Plate (80) SMLS Rolling				SMS Siemag, a company of the SMS group, Germany, has successfully commissioned a 120-t electric arc furnace for OMZ, Uralmash-Izhora Group, Russia. The arc furnace was erected in the modernized shops in the works of OMZ Special Steels, Izhorskiye Zavody. The electric arc furnace has an annual capacity of 600,000 t and covers a wide product range, from structural steels to quality steels and high-quality rotor and reactor steel grades for nuclear power stations and the chemical industry.	HP 01-Jul-09
Oskol Elektrometallurgical Plant (OEMK) (Metalloinvest Group)					P		
Stary Oskol, Belgorod Region	3600	(2200) DR (MIDREX) x 4 (3600) EF x 4 LF x 3 CC (billet) CC (bloom) x 4 (3100) STR x 2				Metalloinvest's steelmaking subsidiary Oskol Elektrometallurgical Plant (OEMK) has finished the repairs of the electric arc furnace in its electric furnace shop. Currently, the furnace is operating at a double production rate. OEMK was undertaking a project to expand production of crude steel by 600,000 t/y to 3.6m t/y.	SO 02-Sep-09 SBB 15-Apr-08

Country: **RUSSIA (19)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Pervouralsky Novotrubny Works (ChTPZ Group)							
Pervouralsk, Sverdlovsk Region			520	(Firm)	2010	Russia's ChTPZ Group has secured a RUB 10bn (EUR 235m), five-year credit line from state-owned Sberbank Russia. It says it will use the bulk of the funds - RUB 8bn - to complete construction of the electric arc furnace meltshop at its Pervouralsk New Tube Plant (PNTZ). The remainder of the funds will be used to refinance debts to foreign banks. The meltshop, with a capacity of 950,000 tonnes/year of billet, is expected to start up in the fourth quarter of 2010. It is designed to provide PNTZ and Chelyabinsk Pipe Rolling Plant (ChTPZ) with their own supply of billet for the production of seamless pipe. The total cost of the project is estimated at RUB 19.2bn. The new mill will replace the group's outdated open hearth furnaces at its Chelyabinsk Tube Rolling Plant (430,000 t/y).	SBB 12-Jan-10 SBB 02-Oct-09 MB 14-Mar-07
		(stainless steel) EF x 5		(950) EF LF			
	(715)	SMLS x 3 ERW x 9		CC (billet) CC (bloom)			
Petrovsk-Zabaikalsky Metallurgical Plant							
Chita Region	300						
	(300)	OH x 3 STR x 2					

Country: **RUSSIA (20)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Rostov Electrometallurgical Works (Estar Holding)					P		
Rostov region	750			(Unlikely)		Rostov Steel Plant is currently producing billet at full capacity and is making preparations to complete construction of its rolling mill. Its billet capacity on an annual basis is 730,000 tonnes. The planned production volume of the rolling mill is 530,000 tonnes/year of rebar and wire rod combined. The timetable for its start-up is still being defined. Russian mining and steel group Mechel is working in a "strategic partnership" with Estar's Zlatoust steelworks (ZMZ) and Rostov electro-metallurgical works (REMZ). Estar Group filed for bankruptcy with the Moscow arbitration court in November 2009.	SBB 15-Jan-10 SBB 13-Oct-09
	(750)	EF	(530)	STR			
		LF					
	(750)	CC (billet)					
Ruspolymet							
Kulebaky Electro-Metallurgical Plant	60						
		OH					
		STR					
Salda Steel Works							
Nizhnaya Salda, Sverdlovsk Region	7						
	(7)	EF					
	(472)	STR x 3					
	(350)	SMLS					
Sankt-Peterburgsky Staleprokatny Zavod (St Petersburg Steel Rolling Mill)							
St Petersburg							
		(special steel)					
	(40)	WR					
	(8)	Cold					

Country: **RUSSIA (21)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Satka Metallurgical Plant							
Satka, Chelyabinsk Region							
	(300)	BF x 2					
Serp i Molot Metallurgical Works							
Moscow	70						
		(stainless steel)					
	(70)	EF x 5					
		CC (billet)					
		STR x 2					
		WR					
		Cold					
Seversky Tube Works (TMK Group)					P		
Polevskoi, Sverdlovsk Region	1000			(Firm)		Russian-Greek pipe making joint venture between TMK and Corinth Pipe Works (CPW) has completed the hot testing of equipment to produce hollow sections at the Seversky Tube plant in Russia. But extra tests are required. It is currently not known when they or commercial production will take place, a company spokesperson says. Whilst the welded pipe capacity of the TMK-CPW JV will remain unchanged at 220,000 tonnes/year, after the start-up the new line will broaden the product range, allowing us to produce square and rectangular tubes. In addition to the construction sector, TMK-CPW has been supplying Russian oil and gas companies since it launched production in summer 2007.	SBB 12-Mar-10
	(1000)	EF	(220)	ERW			
		LF					
	(950)	CC (billet)					
	(340)	SMLS					
	(620)	ERW					

Country: **RUSSIA (22)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Severstal					P		
Cherepovets, Vologodskaya Region	11600			(Possible)	2012	As part of our capital expenditure programme in 2010, Severstal plans to start construction of a mini-mill in Balakovo (Saratov region). By 2013 this mini-mill is expected to produce 1 million tonnes of long steel per year and will support organic growth in the Russian Steel division. Downstream expansion in Russia, including investments in production of fabricated box sections at Sheksna and in the second polymer coating line at Cherepovets, is aimed at increasing the share of customised products in our portfolio mix.	HP 09-Mar-10
	(10000)	BF x 5	(200)	Ptg			
	(9500)	LD x 3					
	(2100)	EF x 2					
	(9000)	CC (slab) x 5					
	(1000)	CC (billet)					
		BTM					
	(1750)	STR x 2					
	(600)	WR					
	(500)	Plate					
	(8000)	Hot x 2					
	(2500)	Cold x 2					
	(600)	HGL x 2					
	(200)	Ptg					
Kolpino, St. Petersburg						The St. Petersburg facilities which consist of: The Mill 5000 facility, which is comprised of one plate mill of a 500,000 tonnes capacity per annum; and The Izhora Pipe Mill, a large diameter pipe mill of a 500,000 tonnes capacity per annum.	HP
	(500)	Plate					
	(500)	SAW					
Mini-mill project in Ivanovo region			(1000)	(Unlikely)		Severstal is reconsidering plans for its prospective mini-mill projects following gloomy forecasts for the future of Russian construction industry. The company had chosen the Ivanovo region as the location of its second long products mini-mill in Russia. The Ivanovo mill was expected to come on stream in 2011. The first will be built in Saratov region and should come online in 2010. The planned capacity of each mini-mill is 1m tonnes/year.	MB 09-Oct-08 SBB 05-Sep-08 NET
			(1000)	EF			
			(1000)	STR			

Country: **RUSSIA (23)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Mini-mill project in Saratov region			(1000) (1000) (1000) (1000)	(Unlikely) EF LF CC (billet) STR	2013	Russia's Severstal will embark on the construction of its Balakovo mini-mill near Saratov in April 2010. Production start-up is scheduled for 2013. With a capacity of 1m tonnes/year, the USD 600m mini-mill will produce long products for the construction sector. Originally scheduled to start up in 2010, Severstal postponed the construction due to the slump of the economy, even though the equipment for the mill from Siemens VAI and Danieli was ordered in 2008.	SBB 18-Feb-10 MB 17-Feb-10
Severgal (Cherepovets)	(400)	HGL				ArcelorMittal sold its 25% stake in Severgal – its hot-dip galvanising joint venture with Severstal – to the Russian producer in 2007. The Cherepovets-based 400,000 tonnes/year galvanising line was set up in December 2005 to serve CIS automotive markets.	SBB 28-May-07
Severstal TPZ Sheksna			(250)	(Firm) ERW	2010	Russian steel producer Severstal plans in April 2010 to start operations at its 250,000 mt capacity new pipe mill Sheksna Pipe Works, which is located in the Sheksna industrial zone in the Vologodsk region. Sheksna Pipe Works will produce round, square and rectangular pipes of 127 mm to 426 mm diameter. The investments in its construction have been estimated at USD 100 million.	SO 15-Jan-10
Severstal-metiz					P		
Cherepovets, Orel & Volgograd Plant		WR				Severstal-metiz is an international company manufacturing steel wire and wire products, with production facilities in Russia, Ukraine, UK and Italy. In 2007 the Severstal-metiz group of companies sold nearly 1 million tonnes of steel products. Cherepovets Plant focuses on cold drawn steel, steel shapes and high carbon products (wire, wire ropes, etc); Orel Plant on fasteners; Volgograd Plant, as well as Carrington Wire in UK and Redaelli Tecna in Italy, on high carbon products; Dneprometiz in Ukraine specializes in producing low carbon products.	HP

Country: **RUSSIA (24)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Shchelkovo Metallurgical Works (OMK Group)					P		
Shchelkovo, Moscow							
	(40)	Cold x 2					
Sinarsky Pipe Plant (TMK Group)					P		
Kamensk-Uralsky, Sverdlovsk region							
	(600)	SMLS x 3					
Sulinsky Metal Works (Staks)					P		
Krasny Sulin, Rostov region	1100					Russia's MAIR Industrial Group is in the process of filing for the bankruptcy of its southern Russian billet producer Sulinsky Steel Plant (STAKS), with the petition having been lodged with the local court on 26 May 2009, according to the court's website. MAIR had been planning to achieve a capacity of 2m tonnes/year at STAKS by 2010 by constructing a new 1m t/y electric arc furnace-based melt shop. The company commissioned a new continuous casting machine in March 2009. The new continuous casting machine would allow MAIR to increase the steel smelting capacities at STAKS to 1.1 million metric tons of steel per year, and to raise the monthly output of billets from 15,000-17,000 metric tons to 40,000-45,000 metric tons.	SBB 16-Jun-09 SBB 23-Mar-07 SO 04-Mar-09
	(1100)	EF					
	(1100)	CC (billet)					
		LF					
		STR					
		WR					

Country: **RUSSIA (25)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Taganrog Metallurgical Works -Tagmet (TMK Group)					P		
Taganrog, Rostov-on-Don Region	600	(stainless steel) (600) OH x 3 LF CC (billet) (780) SMLS (650) ERW	350	(Firm) (950) EF	2011	Russian pipe maker TMK will postpone two capital expenditure projects planned for 2009. It will delay by around one year the construction of an electric arc furnace at its Taganrog steelworks (Tagmet), which is intended to replace the plant's open hearth production, and of a new 600,000 tonnes/year seamless pipe mill at its Seversky Tube Plant. The Tagmet EAF is now expected to come into operation in 2011 and the Seversky mill at the beginning of 2012.	SBB 16-Oct-08 MB 05-Jun-07
Trubostal Tube Works							
St Petersburg		(259) ERW x 2					
Tulachermet (Industrial Metallurgical Holding)					P		
Novotulskaya, Tula		(3000) BF x 3	(2500)	(Unlikely) (200) BF (2500) Steelmkg	2010(BF)	Russian pig iron producer Tulachermet will shut its no 1 blast furnace in November 2008 for major reconstruction work. Work is set to start on November 1 and the blast furnace is expected to be out of production for 12-15 months, the company said. When the new furnace is launched at the end of 2009, or the start of 2010, production capacity will reach 3,200 tpd, or nearly 1.2 million tpy, about 200,000 tonnes more than current capacity. Tulachermet has been working on the steel-making project. According to the company's news release in April 2008, the plan was to produce 2.5m tonnes/year of slab, and in a second phase rolling it into coils.	MB 16-Sep-08 SBB 07-Apr-08 HP 18-Apr-08

Country: **RUSSIA (26)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
United Metallurgical Co (OMK)					P		
Casting and Rolling Complex (Vyksa)	1500 (1500) (1500)	 EF LF CC (tsc)	(1500) (1500)	(Unlikely) EF		Russia's United Metallurgical Co (OMK) produced the first hot rolled coil at its new casting-rolling complex located near to its Vyksa Steel Works in September 2008. Coiled sheet from the facility will be supplied to welded pipe and railway wheel producer Vyksa, Nizhniy Novgorod region, as well as to OMK's Almetevsk Pipe Plant. The capacity of the first phase of the casting-rolling complex is 1.5m tonnes/year of coil. After a second phase of development, the capacity will be doubled to 3m t/y. Investment in the first phase was USD 1.4bn and planned investment in the second phase is USD 600m.	SBB 14-Oct-08
Mill 5000 project (Vyksa)			(1200)	(Firm) Plate	2011-2012	Russia's United Metallurgical Company (OMK) is stepping up investment in its wide plate (mill-5000) project to USD 550m in 2010. Initial equipment testing is set to begin in December 2010, with full commissioning due to start in March 2011, Stepanov says. Initial commercial production is due to take place in 2012, OMK expects. Currently OMK is working on construction of the rolling mill, storage facilities and a workshop. Equipment delivery is ongoing, supplied by SMS Demag. The OMK Pipe-Rolling Division comprises Vyksa Steel Works , Almetyevsk Pipe Plant, and Trubodetal. The Steel Works Division comprises Chusovoy Metallurgical Works, Gubakha Coke, Shchelkovo Metallurgical Works, and The Casting and Rolling Complex.	SBB 15-Feb-10 SBB 29-Jan-10 MB 29-Jan-10

Country: **RUSSIA (27)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Ural Mining and Metallurgical Co (UMMC/UGMK)					P		
Serov Steel Works	750			(Unlikely)		Serov Iron & Steel Works was acquired by the Urals Mining and Metallurgical Co (UGMK) in 2000.	
	(605)	BF x 3		CC (billet)			
	(750)	EF		STR			
		LF x 2					
	(750)	STR x 3					
Tyumen mini-mill project			550	(Firm)	2011	Urals Mining & Metallurgical Co (UGMK) aims to secure co-financing from the Russian state to complete construction of its 550,000 tonnes/year long products mini-mill in the Tyumen region. The timetable for constructing the plant has been delayed, as in December UGMK decided to dissolve its agreement with the project's general contractor, Strabag, in an effort to reduce construction costs in the context of the global economic crisis. Italian firms Danieli and Siad will complete delivery of the main technical equipment by the end of April.	SBB 20-Apr-09 SBB 29-Nov-07 HP
			(550)	EF			
				LF			
				CC			
			(550)	STR			
Ural Steel (Metalloinvest Group)					P		
Novotroitsk, Orenburg Region	5400			(Unlikely)		Miner and steelmaker Metalloinvest has completed the reconstruction of the electric arc furnace shop and the 2,800mm plate mill at its Ural Steel mill in the southern Ural Orenburg region of Russia. As a result of the upgrades, production of crude steel will be able to double, to reach 2m tonnes/year. Ural Steel also plans to replace open-hearth production with new basic oxygen converters and construct a new 600,000 t/y mill producing pipes in the range of 508-1,420mm.	SBB 21-Nov-08 SBB 29-Nov-07 SBB 09-Oct-06
	(3400)	BF x 4		LD			
	(3200)	OH x 7	(600)	SAW			
	(2200)	EF x 2					
		LF					
		CC (billet)					
		CC (bloom)					
		CC (slab)					
	(4000)	BLM					
	(2250)	STR					
	(1300)	Plate					

Country: **RUSSIA (28)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
VIZ-Stal (NLMK Group)					P		
Yekaterinburg						VIZ-Stal is a producer of cold-rolled electrical steels and the largest producer of grain-oriented electrical steel in Russia.	HP
	(200)	Silicon					
Volga-FEST (Estar Holding)					P		
Frolovo, Volgograd Region	320		(160)	(Unlikely)	-2011	Russian billet producer Volga-Frolovskaya Electric Steel Works (Volga-Fest) will boost its billet production by over 65,000 tonnes in 2010 as export demand rises. The plant aims to cast 285,900 tonnes of billet this year, 30% more than the 220,000 tonnes it produced in 2009. MK Invest is now managing the mill, the source said. In 2007 Estar Holding planned to expand its Frolovo steel plant, known as Volga-Fest. In a first phase of development, Estar would raise the output of Volga-Fest's electric arc furnace (EAF) to 320,000 tonnes/year. Reconstruction of the EAF should be completed in the third quarter of 2009 at a cost of over EUR 25m. The upgraded EAF would have a design capacity of 480,000 t/y. Thus, in a second phase of modernisation, Estar intended to install a new billet caster at Volga-Fest, with a matching capacity of 480,000 t/y of saleable billet. This work is expected to take 1.5 years to complete and will cost around EUR 11m. Estar anticipated that Volga-Fest's billet plant would be fully revamped by 2011. However, Estar filed for bankruptcy with the Moscow arbitration court in November 2009.	MB 18-Feb-10 SBB 17-Dec-07 HP
	(320)	EF CC (billet)	(160)	EF CC (billet)			

Country: **RUSSIA (29)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Volgograd Small-Diameter Pipes Plant (Estar Holding)					P		
Volgograd						Russian steel holding company Estar Holding has filed for bankruptcy protection on six of its nine mills within Russia. The mills concerned in the filing are Nytva, Novosibirsky Metals Plant, Zlatoust Metals Plant, Gurievsky Metals Plant, Engelsk Pipe Plant and Volgograd Small-Diameter Pipes Plant, the report also said, although the company did not confirm these details.	MB 09-Jun-09
	(195)	ERW					
Volgograd Steel Works (Red October)					P		
Volgograd	900						
	(900)	EF x 4					
		LF					
	(1000)	CC (billet) x 2					
	(1100)	BLM					
		Plate					
		STR x 4					

Country: **RUSSIA (30)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Volzhsky Pipe Plant (TMK Group)					P		
Volzhsky, Volgograd region	960		240	(Possible)	2011	TMK, one of the world's largest producers of pipes for the oil and gas sector, announced that production of large-diameter longitudinal welded pipes began at the Volzhsky Pipe Plant in November 2008. The successful commissioning of the new 650 thousand tonne HAEUSLER mill doubles Volzhsky's large-diameter (LD) capacity to 1.2 million tonnes of pipes per year. In 2009 TMK will proceed with its project to add 600,000 tonnes of seamless pipe rolling capacity at its Volzhsky Plant. In addition, Volzhsky Pipe has finished reconstruction of an EAF by mid October 2008. During the 30 day repair, the company has examined all the equipment with replacement of worn out parts and taken some measures to increase the EAF capacity by 60,000 tonnes per year to 960,000 tonnes per year. The unit has been started up and will ramp up to full capacity step by step. The producer expects to upgrade the EAF with increasing its capacity further, to 1.2 million tonnes per year by 2011.	HP 03-Nov-08 SBB 16-Oct-08 GURU 27-Oct-08
	(960)	EF	(240)	EF			
		LF	(600)	SMLS			
		CC (billet)					
	(1140)	SAW					
	(700)	SMLS					
Vyksa Steel Works (OMK Group)					P		
Vyksa, Volga region	930					Russia's United Metallurgical Co (OMK) commissioned its new casting-rolling complex located near to its Vyksa Steel Works in September 2008. Currently OMK is stepping up investment in its wide plate (mill-5000) project to USD 550m in 2010.	SBB 15-Feb-10 SBB 14-Oct-08
	(930)	OH x 2					
	(1340)	ERW x 3					
	(1962)	SAW x 2					
		Rolling					

Country: **RUSSIA (31)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Yartsevo Foundry & Rolling Plant							
Yartsevo	220			(Unlikely)		It is reported that Russia's Yartsevo Foundry and Rolling Plant is planning to commission a new integrated steel making facility, which includes an EAF, a ladle furnace and a billet caster of about 220,000 tonne per year design capacity. According to the Plant representatives all the units underwent hot trials by mid April and expected capacity utilization rate for May is 10% to 15% of the line design capacity. The new line is scheduled to reach its full capacity within 6 months to 7 months from its start up. Yartsevo Foundry and Rolling Plant have already signed a contract with Stemcor which will sell square billets for export. Billet export will be stopped after Yartsevo plant has commission its own bar rolling mill of 200,000 tonne per year capacity.	GURU 30-Apr-07
	(220)	EF	(200)	STR			
		LF					
		CC (billet)					
Zapsib (West Siberian Metallurgical Plant) (Evraz Group)					P		
Novokuznetsk (Kuzbas)	8080					Steelmaker Evraz restarted blast furnace No.3 at its West Siberian Steelworks (Zapsib) in June 2009. The furnace, capable of producing 2.16m tonnes/year of pig iron, was idled at the end of October 2008. The downtime has been used to carry out an overhaul. Following the restart of BF No.3, Zapsib's total pig iron capacity will reach 6.5m t/y, with the overall crude steel capacity of Evraz's Russian operations calculated at 13.5m t/y.	SBB 24-Jun-09
	(6500)	BF x 3					
	(8000)	LD x 5					
	(80)	EF					
		LF					
		CC (billet)					
	(2500)	CC (slab)					
	(6500)	BLM					
	(4700)	STR x 3					
	(1000)	WR					

Country: **RUSSIA (32)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Zlatoust Metallurgical Works (Estar Holding)					P		
Zlatoust, Chelyabinsk Region	700	(special steel) OH x 3 EF x 8 CC BLM BTM STR x 3				After filing for bankruptcy at the end of May 2009 and remaining idle for nearly two months, Russian Estar group's Zlatoust steelworks (ZMZ) is to be taken over by mining and steel group Mechel's Chelyabinsk steel works (ChMK). A "strategic partnership" agreement has been reached between Chelyabinsk region administration, ChMK, and ZMZ, and a legal agreement is now being drawn up. ZMZ has a rolling capacity of 1 million tpy of specialty steel products, but is only able to produce 700,000 tpy of crude steel.	SBB 13-Oct-09 SBB 04-Aug-09

Country: **UKRAINE**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Alchevsk Iron & Steel Works (Subsidiary of the Industrial Union of Donbass)					P		
Alchevsk, Lugansk Region	7600			(Possible)	2011	Alchevsk Iron & Steel Works (Alchevsk), the subsidiary of the Ukrainian steel producer Industrial Union of Donbass (ISD), plans in 2010 to restart the construction of its blast furnace (BF) No.2, which is currently about 30 percent completed. The commissioning of Alchevsk's BF No.2 is planned for June 2011, and will allow Alchevsk to increase its daily output of pig iron by 65.5 percent to 24,000 mt. The contract for the design and construction of the BF was concluded with Netherlands-based plantmaker Danieli Corus. Alchevsk commissioned two basic oxygen furnaces in 2007 and 2008. The new furnaces are gradually ramping up, replacing four old open-hearth furnaces.	NET 29-Sep-09 HP
	(5320)	BF x 4		BF			
	(5500)	LD x 2					
		OH x 6					
	(5000)	LF x 2					
	(5000)	CC (slab) x 2					
	(600)	SLM					
	(1000)	BLM					
	(1650)	Plate x 2					
	(1600)	STR					
ArcelorMittal Kryviy Rih (formerly Kryvorizhstal)					P		
Kryviy Rih, Dnepropetrovsk region	8500		(3500)	(Unlikely)	2012	ArcelorMittal Kryviy Rih is planning to increase capacity from 8.5m to 12m tpy of liquid steel by 2012, with a new sinter plant, a new 5m tpy converter shop, and new slab and billet casters. The remaining open hearth furnaces and old sinter plant will be closed. Recently the company has begun construction of a continuous billet caster, which will eventually replace its current ingot casting process. The USD 100m caster will produce up to 1.2m tonnes of billet per year when it comes on stream in September 2011.	MB 24-Sep-09 MB 16-Sep-08 SBB 04-Jun-10
	(11500)	BF x 6		LD			
	(2000)	OH x 2		CC (slab)			
	(6500)	LD x 6		CC (billet)			
	(10000)	BLM x 2					
	(4150)	STR x 6					
	(1920)	WR x 3					

Country: **UKRAINE (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
AzovElectroStal							
Mariupol, Donetsk region	500					Ukraine's AzovElectroStal commissioned a 250mm square billet caster in February 2009. The twin-strand caster, which can also produce round billet in diameters of 250mm and 400mm, is part of a larger project, including a 60-tonne electric arc furnace, ladle furnace and vacuum degasser. The caster has a capacity of up to 450,000 t/year. The new EAF was started up in June 2008. This takes AzovElectroStal's total crude output to over 500,000 t/y. Situated in Mariupol in the Donetsk region, the company supplies ingots for seamless tubemaking, as well as wheels and other railway material. It also makes other special castings and forgings for heavy industries such as power, steelmaking and minerals.	SBB 18-Mar-09
	(500)	EF					
		LF					
	(450)	CC (billet)					
Azovstal Iron & Steel Works (Metinvest Holding)					P		
Mariupol, Donetsk Region	6480		(1520)	(Unlikely)	2013-2014	Ukraine's Metinvest plans to spend USD 15 billion on doubling crude steel production by 2013-2014. The company will invest USD 5 billion at its Azovstal works, USD 6 billion at Makeevka and USD 2 billion at the Yenakievo site. Metinvest estimates Azovstal will increase crude steel production over the next 5-6 years by 21% to 8 million tpy and concentrate on flat products. Azovstal also plans to build a hot strip mill and replace open hearth furnaces with basic oxygen furnaces.	MB 13-Jun-08 MB 11-Jun-08 MB 08-Nov-07 SBB 13-Feb-08
	(5719)	BF x 5		LD			
	(2000)	OH x 9		Hot			
	(4480)	LD x 2					
		LF x 2					
	(4480)	CC (slab) x 3					
	(3690)	BLM					
	(2590)	STR x 2					
	(2080)	Plate					
AZST-Color							
Antrazit, Lugansk region							
	(70)	Ptg					

Country: **UKRAINE (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Dnepropetrovsk Comintern Steel Works							
Dnepropetrovsk							
	(224)	ERW x 3					
Dnepropetrovsk Iron & Steel Works (DMZP) (Evraz Group)					P		
Dnepropetrovsk	1230			(Unlikely)		Dnepropetrovsk Iron & Steel Works will undergo a major modernisation programme following its acquisition by Evraz Group. Evraz plans to switch the plant to 100% continuous casting in the near future. The mill's smaller blast furnaces will be replaced with larger models.	MB 29-May-08
	(1800)	BF x 3		CC			
	(1230)	LD x 3					
		BLM					
		Plate					
		STR x 2					
Dnepropetrovsk Tube Works					P		
Dnepropetrovsk							
	(350)	SMLS x 2					
		ERW x 2					
Dneprospetsstal							
Zaporozhye	918		540	(Possible)	2012	JSC Electrometallurgical Works Dneprospetsstal named after A.N. Kuzmin has signed a contract with Siemens VAI Metals Technologies GmbH for delivery of a new steel melting furnace (EAF-60). The value of the contract is about EUR 10 million. Commissioning is planning at the first quarter of 2012. It is planned to be placed at the Steel Melting Shop 3. Its capacity is 60 tons, liquid steel output is up to 540,000 tons a year, capacity of furnace transformer is 60 MVA. The new furnace will supersede three furnaces in the Steel Melting Shop 3.	HP 18-Feb-10
	(special steel)		(special steel)				
	(918)	EF x 10	(540)	EF			
		IF					
		LF x 2					
		AOD					
		BLM					
	(1155)	STR x 3					

Country: **UKRAINE (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Dneprovsky Metallurgical Plant (Subsidiary of the Industrial Union of Donbass)					P		
Dneprodzerzhinsk	3850		(3150)	(Unlikely)	2020	Dneprovsky Iron & Steel Works named after F. Dzerzhinsky (DMKD), a subsidiary of the Ukrainian steelmaker Industrial Union of Donbass (ISD), plans by 2020 to increase its crude steel output to 7 million mt, up by 2.03 times compared to 2009. By 2020 DMKD is going to construct a new sinter plant, which will include two highly productive sinter machines with subsequent decommissioning of the existing sinter plant. Also by 2020, DMKD is planning to construct two blast furnaces of 1,640 cu metre and 3,000 cu metre volumes, with installation of pulverized coal injection, to reconstruct its blast furnace No.9 and increase its volume to 1,640 cu metre, to install a vacuum degasser with chemical heating, and to construct a converter No.3 and ladle furnace No.3 in order to increase the output of converter steel and expand its grade range. In addition, DMDK plans also to switch completely to the continuous casting of steel through the reconstruction of its blooming continuous caster No.2, and the construction of a continuous slab caster No.4 with a total capacity of 2.5 million mt per year. Meanwhile, also by 2020, following the reconstruction of its section rolling shop, the plant aims to expand its product range and to increase the shop's productivity to 1.8 million mt per year. Meanwhile, on 25 April 2010 DMKD stopped operations at its blast furnace No.9 for capital repairs, and on April 26 also started the reconstruction of it continuous billet caster No.1. The company also will complete the construction of its new continuous billet caster No.3 by the end of 2010.	SO 30-Apr-10 SO 02-Apr-10
	(4350)	BF x 4		BF			
	(3850)	LD x 2		LD			
	(1700)	CC (billet)		LF			
	(700)	CC (bloom)		CC (slab)			
	(700)	CC		CC (billet)			
	(4300)	BLM x 2					
	(2320)	STR x 5					
	(190)	Rolling x 3					

Country: **UKRAINE (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Donetsk Electrometallurgical Plant (DEMZ) (formerly Istil)					P		
Donetsk	1100					Ukraine's Donetsk electro-metallurgical plant (DEMZ) has been sold to Cyprus-registered Daveze Ltd, papers filed with the country's securities commission reveal. Ukrainian Kommersant says ex-owner and Estar Holding proprietor Vadim Varshavsky confirmed that he has regained control of the mill. Varshavsky lost control of the mill to A1 investment arm of Alfa-Group after defaulting on a loan repayment. Since then, DEMZ, along with several other Estar Holding mills, has established a tolling agreement with Russia's Mechel, whose billet casting capacities exceed those for re-rolling. Among the newly appointed directors of DEMZ are several Mechel managers. It appears to be a similar scheme as with Istil UK, another former Varshavky asset, where the company receives feed from Mechel for re-rolling and has Mechel people on the board. DEMZ is currently idle, having been hard hit by scrap and working capital shortages in recent months.	SBB 25-Mar-10
	(1100)	EF LF CC (billet) STR					
Donetsk Iron & Steel Works (DMZ - Donetskiy Metallurgicheskiy Zavod)					P		
Donetsk	1000		800	(Possible)	2012	Donetsk Steel (DOMZ) postponed the launch of its electric arc furnace until 2012 owing to the financial crisis, UkrNews reported, citing the plant's press service. The Siemens-made unit, with a potential annual capacity of 1.8mmt, is expected to replace the plant's No.3 and No.4 open-hearth furnace units.	NET 27-Oct-09
	(1620) (1000) (650) (270) (500)	BF x 2 OH x 6 CC (slab) STR x 3 Plate	(1800)	EF			
Donetsk Metal Rolling Works					S		
Donetsk							
	(135)	STR					

Country: **UKRAINE (6)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Electrostal Machine Building Works							
Kramatorsk	600						
		EF OH x 4 BLM STR					
Euro Finance Ltd					P		
Mini mill project in Belaya Zerkov			(1800)	(Unlikely)	2011	Ukrainian scrap operator Euro Finance has commenced building its first steel plant with a capacity of 1.8m tonnes/year. The contract for equipment supply was signed with Siemens in June 2008 and the opening of the plant, located in Belaya Zerkov near Kiev, is scheduled for mid-2011. The works will have a 120-tonne electric arc furnace and a twin-station ladle furnace, an eight-strand billet caster, and a long product rolling mill. The company plans to manufacture 1.6m t/y of wire rod and bar (rounds, rebar and square bar) and 200,000 t/y of billet for sale.	SBB 17-Jul-08 MB 16-Jul-08
			(1800)	EF LF CC (billet) WR			

Country: **UKRAINE (7)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Ilyich Iron & Steel Works					P		
Mariupol, Donetsk Region	7170			(Unlikely)		The Ukrainian flat steel producer Ilyich Iron and Steel Works of Mariupol (Ilyich) has announced that it plans to invest about USD 28 million for the reconstruction of its existing gas cleaning equipment at its sinter shop No.2. In addition, Ilyich has decided on the reconstruction of its open-hearth shop, which will include the switch from open-hearth furnaces to oxygen converters with secondary steel treatment and continuous casting. This technological improvement will allow Ilyich to produce steel under cleaner environment-friendly technology than with the open-hearth method.	SO 21-Jan-10
	(6570)	BF x 5		LD			
	(3050)	LD x 3		LF			
	(4120)	OH x 6		CC			
		CC (slab) x 2					
	(6300)	SLM					
	(2588)	Plate x 2					
	(3800)	Hot					
	(1370)	Cold					
	(263)	SMLS x 2					
		ERW x 2					
	(560)	HGL x 2					
Interpipe					P		
Niko Tube (Dnepropetrovsk)							
	(310)	SMLS					
NMPP - Novomoskovsk Pipe Plant (Novomoskovsk)							
	(320)	SAW					
	(140)	ERW x 4					
NTRP - Nizhnedneprovsky Tube Rolling Plant (Dnepropetrovsk)	720		600	(Firm)	2010	Ukrainian rail wheel and pipemaker Interpipe has received delivery of equipment for its new steel plant Interpipe Electric Steel. The construction of an EAF meltshop at its Dnepropetrovsk site is going ahead as planned. The 1.3m t/y EAF, supplied by Danieli, will allow the company to phase out existing open hearth steelmaking.	MB 21-May-09 MB 01-Aug-08 SBB 17-Apr-09 SBB 02-Mar-07
	(720)	OH x 4	(1320)	EF			
	(715)	SMLS x 5		LF			
	(75)	ERW x 4		CC (round)			
	(250)	Rolling		CC (bloom)			

Country: **UKRAINE (8)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Khartsyzsk Pipe Plant (Metinvest Holding)							
Khartsyzsk, Donetsk Region						The Ukrainian iron ore and steel producer Metinvest Holding (Metinvest) has announced that its subsidiary Khartsyzsk Pipe Works (KhPW) has commissioned at its pipe electric welding shop a new pipe end beveling machine supplied by the German machine building company Heinrich Georg GMBH. The investments in the project in question amounted to UAH 11 million (approx. USD 1.44 million). The installation of the pipe end-beveling machine constitutes one of the stages of Metinvest's investment program, which is directed towards the modernization of its longitudinally welded pipe production line, and towards the increase of its main production capacities. The new pipe end beveling machine allows control for various chamfer shapes for both sides of pipes, and will enable KhPW to increase production capacity from 9-12 to 17-31 pipes per hour.	SO 12-Jun-09
	(1600)	SAW					
Konstantinovka Iron & Steel Works							
Konstantinovka, Donetsk Region							
	(390)	BF x 2					
	(324)	STR					

Country: **UKRAINE (9)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Kramatorsk Iron & Steel Works named after Kuybyshev (Subsidiary of the Industrial Union of Donbass)					P		
Kramatorsk, Donetsk Region	253					The Ukrainian steel producer Industrial Union of Donbass (ISD) has confirmed that it now owns 100 percent of shares in the blast furnace ferroalloy producer KMZ Kuibishev, which is located in Kramatorsk in the Donetsk region. ISD became the sole owner of KMZ Kuibishev after System Capital Management (SCM) sold its 24.92 percent stake in the plant to longs trading firm Region, which is a part of ISD.	SO 06-Nov-07
		BF x 2					
	(253)	OH x 3					
	(190)	STR x 2					
Lugansk Tube Works							
Lugansk							
	(300)	ERW x 5					

Country: **UKRAINE (10)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Makeyevka Iron & Steel Works					P		
Makeyevka			(8000)	(Unlikely)	2013-2014	Ukraine's Metinvest Group will raise its steel production to roughly 20m tonnes/year by 2018, compared to 2007, when the group says output was around 11m t. Roughly USD 4.5bn will be spent at Azovstal, and USD 2bn at Yenakievsky (Enakievo) Steel Works (EMZ). A further USD 6-6.5bn is ear-marked to reconfigure Makeyevka over 5-6 years. The key project is at Makeyevka – which joins Metinvest by way of the group's merger with Ukraine's Smart-Holding. Here, Metinvest will install 8m t/y of slab production via the integrated route, marking an increase in production of 444%, the group adds. According to Ukrainian reports, the slab complex will comprise a 10m t/y sinter plant, and two blast furnaces. Makeevka Steel Works is now producing finished long products. In 2008 the mill closed all its less-efficient production capacities (blooming, open hearth furnace production) and invested over USD 130 million into renovation. Makeevka's " 150" mill is still operational and produces wire rods. In summer 2009, the launch of "390" mill at Makeevka Steel Works was announced. It has brand-new technological equipment and production capacity of 720 kt of finished products per year.	SBB 12-Jun-08 MB 13-Jun-08 SO 12-Oct-09 SBB 21-Apr-09
		BF x 3	(8000)	Steelmkg			
		OH x 6					
		BLM					
		BTM					
	(1270)	STR x 2					
	(1200)	WR					

Country: **UKRAINE (11)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Metals & Polymers							
Alchevsk, Lugansk region				(Firm)	2010	Ukrainian firm Metals & Polymers has announced plans to launch two new coil-coating lines in Alchevsk, in the Lugansk region of Ukraine. Start-up at a new, 70,000 tonnes/year, colour-coating line is expected later this month. Production at a new 100,000 t/y hot-dip galvanising line is expected to start in May 2010. Australian firm Bronx International supplied technology and equipment for the plant, construction of which began in March 2008. Metals & Polymers' galvanised and colour-coated steel is aimed at the construction sector and white goods manufacturers.	SBB 04-Mar-10
			(100)	HGL			
			(70)	Ptg			

Country: **UKRAINE (12)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Nikopol Pivdennotrubny Works					S		
Nikopol, Dnepropetrovsk Region	35	(stainless steel) (35) EF x 11 SMLS x 2 ERW x 3 Cold x 2				The Ukrainian state property fund is offering for sale by competition the state's 96.67% stake in pipe maker OJSC Nikopolsky Pivdennotrubny Works (NPTZ, also known as Nikopolsky Yuzhnotrubny Works). NPTZ is a large-scale producer of welded and seamless pipe. But some of NPTZ's one-time assets will not be available for inclusion in the sale as they have been spun off over the years into separate operations. A source close to NPTZ says it is currently in a state of liquidation with only a skeleton staff. Back in 1990 it is believed to have produced over 1.3m tonnes/year. Since 1999 plant restructuring involving private investors has led to the creation of several closed joint stock companies based on NPTZ's production facilities. Examples include Nikopolsky Seamless Pipe Plant (Niko Tube), established with investment from Interpipe; Nikopol Stainless Tube Mill, with investment from YuVIS; Scientific Production Association (Trubolit), with investment from Trubostal; and Nikopol Steel Pipe Plant (YuTiST), with investment from Stalprom.	SBB 16-Oct-06
Sumy Frunze							
Sumy	70	(70) EF					
Unisteel							
Kriviy Rih, Dnepropetrovsk				(Firm) (100) HGL	2010	Ukrainian company Unisteel is set to start production of galvanised sheet at Kriviy Rih in the country's Dnepropetrovsk region. The plant will have a capacity of 100,000 tonnes/year. Equipment is being provided by Dongbu Machinery, South Korea.	SBB 02-Mar-10 SO 02-Mar-10

Country: **UKRAINE (13)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Vorskla Steel							
Komsomolsk, Poltava region			(3000)	(Unlikely)	2009-2010	Vorskla Steel, a company registered in Switzerland, is preparing to begin construction of its steelworks on a site near the city of Komsomolsk in Ukraine's Poltava region. Vorskla Steel is a sister company to Switzerland-based Ferrexpo, with which it shares a common shareholder. Ferrexpo controls Ukrainian iron ore producer Poltava GOK, which will supply Vorskla's steelworks with pellets. These will be reduced in two Midrex DRI plants, each with a capacity of 1.7m tonnes/year. The new works will also comprise two EAFs with a combined capacity of 3m t/y, two ladle furnaces, and two continuous slab casters also of a combined capacity of 3m t/y. The steelworks is expected to be brought into operation in 2009 and to reach projected capacity by the end of that year. The slabs are likely to be sold in Ukraine as well as in other Eastern European countries and Western Europe. The project represents an investment of USD 1bn.	SBB 06-Jan-09 SBB 12-Jan-07 HP
			(3400)	DR (MIDREX) x 2			
			(3000)	EF x 2			
				LF x 2			
			(3000)	CC (slab) x 2			

Country: **UKRAINE (14)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Yenakievo Iron & Steel Works (Metinvest Holding)							
Yenakievo, Donetsk Region	3000		500	(Firm)	2010-2013	The Ukrainian iron ore and steel producer Metinvest Holding (Metinvest) plans to upgrade its capacities at Yenakievo Iron and Steel Works (EMZ). Under the scope of the investment program in question, Metinvest is to complete construction of a new blast furnace No.3 at EMZ and to reconstruct its blast furnace No.1, thus bringing EMZ's pig iron production capacity up to 3.5 million tonnes per year. In addition, Metinvest plans to build two billet concasters and phase out the existing blooming (roughing) mill. As a result, EMZ will be able to produce 4 million tonnes of concast billet per year. As for its finished steel (longs) capacity expansion projects, Metinvest plans to construct a new rolling mill at EMZ, while another one is currently under reconstruction. As a result of the investment program, EMZ will be able to produce 3.5 million tonnes of crude steel annually within five years and 4 million tonnes of crude steel within six years. The total investments amount to about USD 2 billion. Currently, EMZ is continuing construction of its new blast furnace No.3, which is due to start up in the second quarter of 2010.	NET 11-Jun-08 SBB 21-Apr-09
	(3060)	BF x 4	(440)	BF			
	(3000)	LD x 3	(500)	Steelmkg			
		LF x 2		STR			
	(1990)	CC (billet)					
	(3230)	BLM					
	(4250)	STR x 3					
	(800)	WR					

Country: **UKRAINE (15)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Zaporizhstal Integrated Iron & Steel Works					P		
Zaporizhzhya	4350		(350)	(Unlikely)		Zaporizhstal plans to restart construction of its planned convertor shop in 2011. The building work will take place in two phases, starting with basic oxygen furnace No.1, followed by converters 2 and 3 simultaneously. Zaporizhstal contracted Austria-based Siemens VAI earlier in 2008 to build the converter shop, which will have a crude steel capacity of 4.7 million tpy. The Ukrainian steelmaker plans to invest around USD 2 billion in the project. The company stopped work in November 2008 amid the global financial crisis. Production start-up was previously scheduled for late 2010. Zaporizhstal was producing around 3.8 million tpy from its open-hearth furnaces before the global financial crisis. The open-hearth furnaces will gradually shut down as the basic oxygen furnaces start up.	MB 26-Feb-10 MB 26-Sep-08 SBB 16-Feb-10 SBB 29-Sep-08
	(3250)	BF x 5	(4700)	LD x 2			
	(4350)	OH x 9		LF x 2			
	(5200)	SLM	(4700)	CC (slab) x 2			
	(3500)	Hot					
	(1180)	Cold x 7					
		Tin Plate					

Country: **OTHERS**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
AZERBAIJAN							
Azerbaijan Tube Rolling Plant Works (Azerboru)							
Sumgait	850					In 2006 Azerbaijan's seamless pipe producer Azerboru restarted production after being idle for seven years due to financial and ownership difficulties. A 250mm pipe mill – one of three at the plant – fully went on stream two weeks ago, and is producing at full capacity of 180,000 t/y. The steel feed – pipe rounds – came from Russia's OEMK.	SBB 18-Jun-06 SBB 16-Jan-06
	(850)	OH x 6					
		BLM					
	(700)	BTM					
	(960)	SMLS x 3					
Baku Steel Co							
Baku	350					Baku Steel produces low and medium carbon steel billets and construction reinforced bars.	HP
	(350)	EF					
	(350)	CC (billet)					
		STR					
DHT METAL							
Baku			150	(Firm)	2010	Baku, Azerbaijan-based steelmaker DHT Metal JV will commission a new melting shop on 19 February 2010 and a new rolling mill in March. The company, which has been active in the sector since 1995, is the first Azeri steelmaker to implement the quality management system TSE ISO 9001-2008. DHT Metal JV's steel plant currently has a melting capacity of 150,000 mt and a rolling capacity also of 150,000 mt. Following the new investments, these capacities will be raised to 300,000 mt and 400,000 mt respectively.	SO 09-Feb-10
			(150)	IF			
			(150)	CC (billet)			
			(150)	STR			

Country: **OTHERS (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
BELARUS							
Byelorussian Steel Works (BMZ)					S		
Zhlobin, Gomel Region	2200			(Unlikely)	2012	Byelorussian Steel Works (BMZ) has failed to find a foreign investor for the construction of a new sheet-rolling mill in Belarus. Accordingly, two foreign companies, Siemens VAI and SMS Siemag, have submitted their applications for participation in the tender. However, both proposals failed to meet the conditions of the tender, as the companies were offering only the supply of equipment, while BMZ is looking for an investor in the construction of the plant. Most likely, direct negotiations to find an investor will continue to be carried out. For now the tender has officially concluded without any result. In the future Belarus' Ministry of Industry will deal with the issue. The new sheet-rolling mill in Belarus, with a designed annual capacity of 1.2 million mt of hot rolled sheets in coils, will have the legal status of a joint venture in terms of a joint-stock company, with the investor to hold between a 50 to 100 percent stake. The investment value is estimated at USD 1.2-1.3 billion.	SO 09-Apr-10 SBB 12-Apr-10
	(2200)	EF x 3	(1200)	Hot			
		LF					
		CC (billet) x 2					
		CC (bloom)					
	(450)	BTM					
	(800)	STR					
	(490)	WR					
	(250)	SMLS					

Country: **OTHERS (3)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
GEORGIA									
Euroasian Ventures						P			
	Kutaisi	250						Euroasian Ventures, a subsidiary of India's Manaksia, has rolled its first 8,000 tonnes of rebar at its Kutaisi mill in Georgia. The plant has capacity of 8,000 t/m of rebar and an overall rolling capacity of approximately 120-140,000 t/y. The company adds that there are plans to invest more and to subsequently double the capacity in the next 2-3 years. Euroasian Ventures have invested approximately USD 38m in the plant so far, the company says. Phase one of the modernisation includes an overhaul of an 35t electric arc furnace, and the installation of a billet caster. Euroasian Ventures, based in Dubai, is a subsidiary of Indian cold roller and galvaniser Manaksia. Euroasian Ventures was established as a vehicle for all Manaksia operations in the Middle East, CIS and Mediterranean Europe.	SBB 03-Feb-10 SO 05-Feb-10
		(250)	EF						
			CC (billet)						
		(120)	STR						

Country: **OTHERS (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Georgian Steel (Rustavi Metallurgical Plant)					P		
Expansion project			250	(Possible)	2012	Georgian Steel will build a new hot end for its seamless pipe production in the next 12 to 18 months. The mill has already designated space and is in the design phase for the meltshop, which could contain two 25-tonne electric arc furnaces with a combined 250,000 tpy crude steel capacity and a round billet caster. Georgian Steel's two pipe mills have not operated since 2009, due to the high cost of round billets delivered to the Caucuses region from Russia and Ukraine. The mills can roll a total of 370,000 tpy of seamless pipe for the oil and gas sectors: Mill 400 can roll 250,000 tpy and Mill 140 can roll 120,000 tpy. The new meltshop will be supplied by the same Chinese company that supplied Georgian Steel with its four 12-tonne electric arc furnaces and three-strand square billet caster. Hot testing and troubleshooting on the four furnaces will start in mid-February. The furnaces will achieve their 120,000 tpy design capacity after the first year of operation. Rebar production will also resume at Georgian Steel' s 250,000 tpy rebar mill when the furnaces start up.	MB 28-Jan-10
			(250)	EF x 2			
			(250)	CC (round)			

Country: **OTHERS (5)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
	Rustavi			120	(Firm)		2010	Longs producer Georgian Steel is planning to start up one of its two idled seamless pipe mills in August 2010. The Georgian steelmaker plans to start importing round billet from Ukraine to produce the pipes on its rolling Mill 400, which has a 250,000-300,000 tpy capacity to produce pipes in 193-406mm diameters, the source said. The plant has two mills with a combined 400,000 tpy capacity. But while Mill 400 is in working condition, Mill 140 still requires work. Georgian Steel stopped operating its pipe mills in 2009, due to the high cost of round billets delivered to the Caucuses region from Russia and Ukraine. Georgian Steel is now also casting 7,000 tpm billet for rolling into rebar after it started four electric induction furnaces in February 2010. The 12-tonne furnaces supplied by Chinese company Wuxi Haohua Metallurgy Machinery will allow Georgian Steel to cast up to 120,000 tpy of square billet.	MB 03-Jun-10 MB 05-Mar-10 SBB 14-May-10
		(725)	BF	(120)	IF x 4				
			OH x 8	(120)	CC (billet)				
		(1500)	BLM						
		(1000)	BTM						
		(250)	STR						
		(370)	SMLS x 2						
GeoSteel						P			
	Rustavi	175						The Indian steelmaker JSW Steel has commissioned its new 175,000 mt per year capacity rebar mill, GeoSteel, in the southeastern Georgian city of Rustavi. GeoSteel, which is a joint venture (JV) between Georgian Steel Holding Group and JSW Steel, plans to increase its production gradually to a level of about 180,000 mt in line with the development of market demand. According to JSW Steel, the total investments in the new mill amounted to USD 60 million. In October 2008, the European Bank for Reconstruction and Development provided a USD 28 million loan to GeoSteel for the construction and operation of the new mill.	SO 11-Nov-09
		(175)	EF						
			LF						
		(175)	CC (billet)						
		(175)	STR						

Country: **OTHERS (6)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
MOLDOVA							
Moldova Steel Works (MMZ)					P		
Rybnitsa	1200					After the stage of modernisation which was completed in September 1999, the annual capacity of the EAF and the CCM reached 1m tonnes of steel. The plant operates a 120t EAF with a capacity of more than 1m tonnes of crude steel per year, a ladle-furnace installation, a vacuum degasser, a six strand CCM, a two-line rolling mill, with STELMOR line of 144 m long and a high-speed wire bloc (120 m/sec), "Line 100" packing line, with provisions for piece counting.	HP
	(1200)	EF					
		LF					
	(1200)	CC (billet)					
	(900)	STR					
		WR					
TURKMENISTAN							
Turkmenistan Iron & Steel							
Ashkhabad	135					A consortium of Turkish companies has started a long products plant in the central Asian republic of Turkmenistan. The Turkmenistan Iron & Steel plant was inaugurated in April 2009 and has a 160,000 tpy of merchant bar and rebar capacity and one electric arc furnace. The plant took three years to build and is reported to be the country' s first steelworks, according to local media reports. Turkish construction company Sehil and the Erdemir group's engineering firm Erenco formed a partnership to construct the mill. The plant will focus its production to the domestic market in Turkmenistan.	MB 19-May-09
	(135)	EF					
	(160)	STR x 2					

Country: **OTHERS (7)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
UZBEKISTAN							
Uzmetkombinat					S		
Bekabad, Tashkent Region	750					On 10 July 2006, the government of Uzbekistan issued a new resolution concerning the planned privatisation of Uzmetkombinat, the state-owned steel plant. The resolution slightly reduces the number of shares to be offered to investors from 22% to 20.91%, a figure which could still change. According to an official release, Uzmetkombinat produces 99% of Uzbekistan's crude steel and all of the country's rolled steel. It remelts scrap and has the capacity to produce 750,000 tonnes/year of crude steel. Products include reinforcing bars and light sections.	SBB 11-Jul-06
		EF x 3					
		OH					
		LF					
		CC (billet) x 3					
	(460)	STR					
	(150)	WR					
		Rolling					

LATIN AMERICA

Unit : thousand tonnes per year

Country	Nominal capacity							Crude steel production	Apparent consumption
	Exist	Increase to 2012			Capacity in 2012				
	2009	Firm	Possible	Unlikely	Mean	Low	High	2009	2008
ARGENTINA	6 575	0	0	1 800	6 575	6 575	6 575	4 014	5 460
BRAZIL	43 050	8 200	0	43 900	51 250	51 250	51 250	26 507	26 667
COLOMBIA	1 910	0	0	1 650	1 910	1 910	1 910	1 053	3 738
PERU	1 280	140	0	2 850	1 420	1 420	1 420	718	2 409
VENEZUELA	6 205	0	2 050	2 150	7 230	6 205	8 255	4 108	4 194
OTHERS	3 645	65	0	4 980	3 710	3 710	3 710	1 334	4 942
TOTAL	**62 665**	**8 405**	**2 050**	**57 330**	**72 095**	**71 070**	**73 120**	**37 734**	**47 410**

Note : Apparent consumption is in terms of crude steel.

Source : Capacity − OECD secretariat. Production and apparent consumption − worldsteel.

Country: **ARGENTINA**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
AcerBrag SA (Votorantim Siderurgia)					P		
Ruta Nacional, Bragado	350			(Unlikely)		Brazilian steelmaker Votorantim Siderurgia said that it has expansion studies for its Argentinian long steel subsidiary AcerBrag, but these studies are not totally defined and depend on global scenario and market evolution. The company was commenting on a report by Argentina's production ministry, which said AcerBrag had confirmed plans to invest some USD 200 million to double its steel capacity by 2013. The report said executives from AcerBrag, including company general manager Gustavo Gonzaga de Oliveira, had a meeting with the production minister Débora Giorgi in which they confirmed plans to develop the expansion project. AcerBrag has capacity to produce 250,000 tpy of long steel products. Votorantim Siderurgia controls the company with a 52.9% stake.	MB 07-May-09
	(350)	EF x 2		STR			
		CC (billet)					
	(250)	STR					
Aceros Zapla SA (formerly Altos Hornos Zapla)					P		
Palpalá, Jujuy	400					Aceros Zapla has capacity to produce 150,000 tpy of long steel products, equivalent to 12,500 tpm. The company concluded an expansion programme at the beginning of 2009 that increased its billet capacity to 400,000 tpy. The mill is located in Palpalá, in Argentina's northern province of Jujuy. The company's two blast furnaces are currently idle but plans exist to restart both.	MB 21-Jul-09 ISWW
	(240)	BF (Charcoal) x 2					
	(130)	LD x 2					
		EF x 3					
	(400)	CC (billet)					
		BLM					
		STR					
		WR					
Acindar Industria Argentina de Aceros SA (ArcelorMittal Group)					P		
Rosario							
	(180)	STR					

Country: **ARGENTINA (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Villa Constitución	1700						
	(1000)	DR (MIDREX)					
	(1700)	EF x 3					
	(1050)	LF x 2					
	(1800)	CC (billet) x 2					
	(600)	WR					
	(380)	Hot					
Fortunato Bonelli y Cia SA					P		
San Nicolás							
	(300)	STR					
Imcayper SA							
Rosario							
	(55)	ERW					
Ortiz y Cía SA							
Córdoba							
	(54)	ERW					
Ostrilion Sac & I							
Buenos Aires							
	(41)	HGL					
Siat SA (Tenaris Siat)					P		
Buenos Aires						Siat SA is a steel pipe producer controlled by Techint group. Its Buenos Aires plant produces welded steel pipes with an annual production capacity of 350,000 tonnes.	NET HP
		ERW SAW					

Country: **ARGENTINA (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Santa Fe						Pipemaking group Tenaris has completed the acquisition of the welded pipe assets and facilities of Argentinian steelmaker Acindar for USD 28 million. The facilities in Santa Fe have the capacity to produce 80,000 tpy small dia welded pipes, which complements the range Tenaris produces in Argentina. The acquisition, which was conducted via Tenaris's Argentinian welded pipe subsidiary Siat, has been approved by the Argentinian competition authorities.	MB 01-Feb-06
	(80)	ERW					
Siderar SAIC (Ternium Siderar)					P		
Canning							
	(360)	HGL					
	(65)	Ptg					
Ensenada							
	(1080)	Cold					
Florencio Varela							
	(120)	EGL					
Haedo							
	(180)	HGL					
Rosario							
	(130)	ERW					
San Luis							
	(60)	ERW					

Country: **ARGENTINA (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
San Nicolás	2850		(1150)	(Unlikely)		Siderar's investment plan contemplates a significant increase in crude steel production capacity from the current 2.9 million tons to 4.0 million tons. Besides completing those investments initiated in 2004, the main objectives of the investment plan are the installation of a new continuous caster and metallurgy equipment and the increase of capacity in Siderar's sinter plant from 4,000 to 5,000 tons per day. As of March 31, 2009, Siderar had invested USD 202.9 million in connection with its investment plan and had entered into several commitments to acquire new production equipment for a total consideration of USD 187.2 million. However, given the severe global economic downturn, its impact on the global steel market and the uncertainty about the evolution of steel demand, Siderar has rescheduled the execution of its investment plan and entered into a renegotiation process to reduce cash outflows.	HP
	(3700)	BF x 2	(1150)	LD			
	(2850)	LD x 3	(2500)	CC (slab)			
	(2850)	CC (slab)					
	(2750)	Hot					
	(700)	Cold					
	(160)	Tin Plate					
Siderca SAIC (Tenaris Siderca)					P		
Campana	1200						
	(690)	DR (MIDREX)					
	(1200)	EF x 2					
		LF x 2					
		CC (round)					
	(850)	SMLS x 2					

Country: **ARGENTINA (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Sipar Aceros SA (Gerdau Group)					P		
Rosario, Santa Fe			(650)	(Unlikely)	2012	The financial crisis has forced Gerdau, like other major steelmakers, to restructure plans. Some projects have been simply abandoned, while others were delayed. The latter appears to be the case regarding a new electric furnace based mill in Argentina. The USD 524m investment program for Sipar includes a melt shop and new rolling mills to be built in Perez, 5km away from Rosario. In a first stage, Gerdau will build a 650,000 t/y melt shop and should add another 450,000 t/y to existing rolling capacity - taking Sipar's rolling mill capacity to 710,000 t/y. About USD 310m will be spent in the initial phase. The schedule should be delayed for six months at least, moving the plant's commissioning to 2012, instead of 2011 as previously announced. A second stage, to be commissioned in 2016, would take Sipar's melt shop capacity to 1.1m t/y, and the rolled longs capacity to the same level via another USD 214m in investments.	SBB 11-Aug-09 SBB 01-Dec-08 SBB 12-Sep-08
	(260)	STR	(650) (450)	EF STR			
Sociedad Industrial Puntata SA (Sipsa) (Tenaris Group)					P		
Villa Mercedes, San Luis	75					On December 16 2003, Tenaris acquired all of the shares and voting rights of Sociedad Industrial Puntana S.A. (Sipsa), a company whose principal asset is a manufacturing facility located in the province of San Luis, Argentina for USD 2.9 million.	
	(75) (75)	EF STR					
Tubos Argentinos SA							
San Luis							
	(96)	ERW					

Country: **BRAZIL**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Aço Cearense & Vale JV							
Flat products rolling mill project				(Unlikely) Hot Cold HGL	2013	Diversified miner Vale and Brazilian steel producer and distributor group Aço Cearense have signed a memorandum of understanding to study the construction of a flat products rolling mill in Pará state, in Brazil's northern region. Vale will conduct a feasibility study for the project, which is expected to be concluded by April 2010, when both the miner and Aço Cearense will decide whether to form a joint venture to build the mill, Vale said. The mill is estimated to cost USD 750 million and will have capacity to produce 710,000 tpy of hot rolled coil, 450,000 tpy of cold rolled coil and 150,000 tpy of hot-dipped galvanized coil. The flats mill would use slabs supplied by Vale's planned Aços Laminados do Pará (ALPA), a 2.5 million tpy slab plant and 500,000 tpy HRC and heavy plate mill to be solely constructed by the miner in Marabá, Pará. It is expected to come on stream by the end of 2013 at a cost of USD 2.76 billion. Aço Cearense would control 75% of the mill and be responsible for the implementation, operation and sales. Vale would have the remaining 25%. The mill would be located in an area integrated to ALPA.	MB 27-Nov-09 SBB 09-Mar-10
Açopalma (Companhia Industrial de Aços Várzea da Palma)							
Várzea da Palma		EF BTM STR					

Country: **BRAZIL (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Aços Laminados do Pará (ALPA) (Vale's steel plant project)							
Marabá, Pará			(2500)	(Unlikely)	2013	Vale has received the environmental license for its planned Aços Laminados do Pará (ALPA) steel mill, which will be constructed in Brazil's northern state of Pará. The plant will be based in Marabá city and will produce 2 million tpy of slab as well as 500,000 tpy of hot rolled coil and heavy plate from November 2013. Vale said in a statement that BRL 5.2 billion (USD 2.93 billion) will be invested in the project, which also comprises the construction of a railway link for ALPA to receive iron ore from Vale's Carajás mine, as well as the construction of a river terminal on the Tocantins river. The terminal will receive mineral coal for the plant and also ship its steel output to Vale's Vila do Conde seaport terminal in Barcarena city, Pará. ALPA will be fully developed by Vale and is part of the company's strategy to ferment steelmaking in Brazil.	MB 02-Apr-10 MB 31-Aug-09 MB 24-Nov-08 SBB 02-Apr-10 HP
			(2500)	Steelmkg			

Country: **BRAZIL (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Aços Villares SA (Gerdau Group (Specialty Steel Operation))					P		
Mogi das Cruzes, São Paulo state	300	(special steel) (300) EF LF CC (billet) STR				Brazilian longs maker Gerdau is acquiring a 28.88% stake in domestic special steel producer Aços Villares. The stake is owned by BNDESPar, a holding controlled by the state development bank BNDES which will earn BRL 1.3bn (USD 789m) in the transaction. With this acquisition, Gerdau is consolidating its special steel business in Brazil. In late 2007, the Brazilian antitrust agency Cade approved Gerdau's purchase of a 40% stake in the Spanish special steel producer Sidenor, which in turn indirectly controls Aços Villares with a 58.44% stake. Now Gerdau would be increasing its direct and indirect stake in Aços Villares to 52%. Gerdau had already consolidated the proportional Aços Villares' results in its financial report this year, and previously said it was studying the integration of sales and purchase policies by Aços Villares and the special steel producer Gerdau Aços Especiais Piratini, as well as other synergies between both companies.	SBB 26-May-08
Pindamonhangaba, São Paulo state	640	(640) EF x 2 LF CC (billet) BLM BTM STR WR					
Sorocaba, São Paulo state		STR WR					

Country: **BRAZIL (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Apolo Tubos e Equipamentos								
Rio de Janeiro								
		ERW						
Apolo Tubulars SA								
Lorena, São Paulo state							US Steel has a 50 percent ownership interest in Apolo Tubulars SA, a Brazilian supplier of welded casing, tubing, line pipe and other tubular products. Apolo Tubulars' annual production capability is approximately 150,000 tons.	HP
	(150)	ERW						
ArcelorMittal Aços Longos					P			
Juiz de Fora Steelworks, MG	1000		(1200)	(Unlikely)		-2016	Some USD 5bn in ArcelorMittal's Brazilian investment plans are due to be completed by 2016. They include capacity expansions at João Monlevade, Juiz de Fora and Cariacica works. A major expansion is being mulled for the Juiz de For a works. It currently operates with about 1m t/y crude steel capacity, and a bar mill with similar capacity. The idea is to more than double the output there to reach 2.2m t/y of rebar and bars.	SBB 11-Oct-09 SBB 18-Sep-09 SBB 18-Sep-08
	(360)	BF (Charcoal) x 2	(1200)	Steelmkg				
	(1000)	EF		STR				
		LF						
	(1000)	CC (billet)						
		WR						
		STR						

Country: **BRAZIL (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Monlevade Steelworks, MG	1200		1200	(Firm)	2012	ArcelorMittal has announced the restart of a USD 1.2 billion expansion at ArcelorMittal Brasil's Monlevade long steel plant, which had been frozen because of the world economic crisis. Monlevade's crude steel capacity will be doubled to 2.4 from 1.2 million tpy in mid-2012, with construction works restarting in June 2010 with a 24-month estimated completion time, ArcelorMittal Brasil said in a statement. The investment comprises of a new 1.12 million tpy blast furnace, a 2.3 million tpy sinter plant, and a third rolling mill which will have capacity to produce 1.15 million tpy of wire rod. Billet production capacity will reach 2.4 million tpy, while wire rod capacity will reach 2.3 million tpy, ArcelorMittal Brasil said. The expansion project was originally launched in 2008 and frozen in that same year.	MB 01-Jun-10
	(1040)	BF	(1120)	BF			
	(1200)	LD x 2	(1200)	Steelmkg			
		LF	(1200)	CC (billet)			
	(1200)	CC (billet)	(1150)	WR			
	(1100)	BLM					
	(1150)	WR x 2					
New investment program			(2000)	(Unlikely)	2011	ArcelorMittal announced a big increase in its Brazilian longs output by investing another USD 1.6bn - besides the budget already allocated to expand its Monlevade steelworks. New facilities include two new blast furnaces with a combined capacity of 400,000 t/y, and two new electric arc furnaces - one with 1.2m t/y and another with 800,000 t/y of capacity. A new ladle furnace and two other continuous casters are also included in the program. ArcelorMittal also will be building three new rolling mills: a 520,000 t/y rebar mill, a 650,000 t/y rolling mill to produce medium and heavy sections and finally, a 500,000 t/y SBQ bar plant. The location of the new facilities will be determined after the conclusion of feasibility studies.	HP 07-Aug-08 SBB 07-Aug-08
			(400)	BF x 2			
			(2000)	EF x 2			
				LF			
				CC x 2			
			(1670)	STR x 3			

Country: **BRAZIL (6)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Piracicaba Steelworks, SP	1000					Belgo-Mineira completed a programme earlier 2004 to double capacity at its Piracicaba works to 1 million tpy of crude steel with which to supply the growing Sao Paulo market.	
	(1000)	EF CC (billet) LF WR					
Vitória Steelworks, ES (Cariacica)	600		(200)	(Unlikely)	-2016	In addition to the resumption of its project to double the capacity of its major wire rod mill in João Monlevade, in Brazil's southeastern state of Minas Gerais, ArcelorMittal is studying further opportunities for investment in that country. The expansion is being studied for the company's sections mill in Cariacica, in Espírito Santo state, lifting capacity by 33% to 800,000 tonnes per year.	SBB 11-Oct-09 SBB 18-Sep-09
	(600)	EF CC (billet)	(200)	Steelmkg STR			
	(550)	STR					
ArcelorMittal Inox Brasil SA (formerly Acesita SA)					P		
Timóteo, Minas Gerais	900	(stainless steel)				ArcelorMittal says an expansion for ArcelorMittal Inox, in Timóteo, is being mulled - possibly involving both stainless and silicon steels. The company increased its grain-oriented (GO) electrical sheet output capacity by 40% and its non-grain-oriented (NGO) capacity by 67%. Expanded and upgraded mill operations started in March 2008 after conclusion of a BRL 162m (USD 92m) project. With this investment, the GO steel capacity will go from 43,000 tonnes/year to 60,000 t/y, and NGO will go from 145,000 t/y to 242,000 t/y.	SBB 11-Oct-09 SBB 01-Apr-08
	(718)	BF x 2					
	(900)	EF x 2 AOD LF					
	(1000)	CC (slab) x 2					
	(800)	Hot					
	(500)	Cold (stn)					
	(200)	Cold					
	(300)	Silicon					
	(2)	ERW					

Country: **BRAZIL (7)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
ArcelorMittal Tubarão (formerly CST)					P		
Jardim Limoeiro, Serra	7500					After an investment of approximately USD 120 million, ArcelorMittal Tubarão started the expansion of its Hot Strip Mill production on June 11th. The installation of the second slab reheating furnace (the most important piece of equipment in the expansion project) makes it possible to increase hot coils (HC) production from 2.8 million to 4 million tons per year. The expanded Hot Rolling Line is on a production increase pace and shall reach 4 million tons/year up to the end of 2009, in case of market demand.	HP 24-Jun-09 HP
	(8020)	BF x 3					
	(7500)	LD x 3					
	(7800)	CC (slab) x 3					
	(4000)	Hot					
ArcelorMittal Vega do Sul					P		
São Francisco do Sul, Santa Catarina state				(Firm)	2010	ArcelorMittal subsidiary Vega do Sul plans to commission its new 350,000 tpy hot-dip galvanizing line in March 2010, the company said. If achieved, the startup will be well ahead of the original commissioning date scheduled by the company in May. The line will be able to produce galvalume. At the moment only CSN is able to produce galvalume in Brasil.	MB 04-Jan-10 MB 23-Mar-09 HP
	(940)	Cold	(350)	HGL			
	(500)	HGL					

Country: **BRAZIL (8)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Armco do Brasil SA							
São Paulo & Manaus	(150)	Cold x 2 EGL				Brazilian flat steel re-roller Armco do Brasil will decide within the next few weeks when it will resume a project to build a new processing unit in the Vale do Paraíba region, in São Paulo state. The project was suspended late last year due to the economic crisis, although it was already in the engineering phase, with secured financing. The unit was expected to come on stream by the end of this year processing 50,000 tpy of steel products, said the source. In a second phase, capacity could be expanded up to 100,000 tpy. Armco do Brasil has two units: a 130,000 tpy plant in São Paulo city and a small 20,000 tpy in Manaus, in Brazil's northern state of Amazonas.	MB 27-Aug-09
Belgo Brasileira SA					P		
Mogi das Cruzes, São Paulo	(21)	EPIF				Belgo Brasileira produces iron and metal powders.	
Calsete Siderurgia SA							
Maranhão	(250)	BF				Gerdau confirmed that it has exchanged its ex-pig iron maker Margusa, located in Brazil's northeastern state of Maranhão, for Calsete, a pig iron producer located in the country's southeastern state of Minas Gerais. Gerdau CEO Andre Johannpeter said the move was made for "logistical reasons" because it was better for the company to produce pig iron in southeastern Brazil in order to feed its operations there. Johannpeter explained the transaction did not involve any cash payment, only a full asset transfer.	SBB 14-May-08

Country: **BRAZIL (9)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Companhia Industrial Itaunense							
Itaúna	120						
	(120)	EF x 2					
	(120)	CC (billet)					
	(110)	STR					
Companhia Setelagoana de Siderurgia (Cossisa)							
Sete Lagoas, Minas Gerais							
	(216)	BF					
Companhia Siderúrgica do Mearim							
Slab mill project in Maranhão			(3500)	(Unlikely)	2012	Companhia Siderúrgica do Mearim (CSM), the new 10m tonnes/year slab project planned by the Brazilian mining and energy group Aurizônia, expects to get the installation license for the plant in 30-40 days. Magela Sanábio, one of the coordinators of the project in the country's northeastern state of Maranhão, says the company already received the environmental permit for the steel mill. Recently, it also obtained the installation license for a port to be constructed at the edge of the Mearim river, also in Maranhão. Initially, the mill would produce 3.5m tonnes/year by 2012. Afterwards, another 7m t/y would be added, in two more stages of 3.5m t/y each.	SBB 06-Jun-08
			(3500)	Steelmkg			

Country: **BRAZIL (10)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Companhia Siderúrgica do Pecém (CSP) (Dongkuk & Vale JV)					P		
Ceará state			(3000)	(Unlikely)	2013	Vale and South Korean steelmaker Dongkuk announced on 16 December the beginning of construction work for their 3 million tpy slab mill joint venture at the Pecém Industrial and Port Complex (CIPP) in Brazil's northeastern state of Ceará. The Brazilian iron ore giant said in a statement that Companhia Siderúrgica do Pecém (CSP) has obtained a preliminary environmental permit to begin construction work, starting with earthworks. The estimated timeline for building CSP comprises: earthworks in 2010; civil engineering works in 2011; arrival of equipment in 2012 and equipment assembly in 2013. In 2013 the mill is expected to come on stream, at a total estimated investment of USD 4 billion. In a second phase, slab capacity could be doubled to 6 million tpy, Vale said.	MB 16-Dec-09 HP
			(3000)	Steelmkg			

Country: **BRAZIL (11)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Companhia Siderúrgica do Planalto							
Goiás				(Unlikely)	2010	As plantmakers' orderbooks are full, Brazil's Companhia Siderúrgica do Planalto (CSP) has delayed the timetable for its new re-rolling mill. It had expected to commission the mill in mid-2009, but is now scheduled to begin operations only by mid-2010. CSP is expected to produce around 400,000 tonnes/year of long products - 100,000 t/y of wire rods and 300,000 t/y of rebars. CSP is a joint venture between the pig iron producers Ferroeste and Sidepar (40% each), and construction company Toctao Engenharia (20%). Ferroeste Group restarted at the end of June 2009 site preparation work for its planned longs plant in Açailândia city, Maranhão state. The new plant is to produce 500,000 t/y of billets, and they could supply the rerolling mill, CSP to be installed in Brazil's middle-western state of Goiás.	SBB 02-Jul-09 SBB 23-May-08 SBB 23-Jan-08
			(300)	STR			
			(100)	WR			
Companhia Siderúrgica Ubu (CSU) (Vale's steel plant project)							
Anchieta, Espírito Santo			(5000)	(Unlikely)	2014	Vale and ArcelorMittal are studying a partnership for a steel plant to be constructed in Brazil's south eastern state of Espírito Santo, according to the CEOs of both companies. Recently, the Brazilian iron ore giant announced it planned to construct a 5 million tpy slab plant in Anchieta city, Espírito Santo and it said it was looking for a partner. The plant will be called Companhia Siderúrgica Ubu (CSU), and is expected to come online in 2014, with construction works beginning in 2011, Vale said at the time. This replaces the old Companhia Siderúrgica Vitória (CSV) project, a 5 million tpy slab plant which Vale had intended to build in a joint venture with Chinese steelmaker Baosteel in the same Anchieta city.	MB 06-Nov-09 HP 28-Aug-09
			(5000)	Steelmkg			

Country: **BRAZIL (12)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Confab Industrial SA (Tenaris Group)							
Pindamonhangaba							
	(146)	ERW					
	(248)	SAW					
SCS Works							
	(156)	SAW x 3					
Cosipar (Cia Siderúrgica do Pará)							
Barcarena plant, Pará (Usipar)			(2000)	(Unlikely)	2013-	Brazilian pig iron maker Usipar, a Cosipar unit in Pará state, has delayed its slabmaking project until 2013 at the earliest. The initial schedule foresaw that the facilities would be commissioned in 2012. However, a sinter plant built within the existing complex will be commissioned in January. Cosipar still lacks a partner. The plantmaker that was appointed to supply the furnaces and structures - China's Minmetals - is not willing to set up a joint venture for the project. Cosipar believes a partner is not only necessary because of the investment required, but also because it does not have steelmaking expertise.	SBB 03-Dec-09
	(500)	BF x 2	(2500)	BF			
			(2000)	Steelmkg			
Marabá plant, Pará state							
	(500)	BF (Charcoal) x 4					

Country: **BRAZIL (13)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
CSN (Companhia Siderúrgica Nacional)							
CSN-Paraná (Araucária, Paraná state)	(330) (100)	HGL Ptg	(20)	(Firm) Ptg	2011	CSN plans to add 150,000 tonnes/year of cold rolling capacity at its Volta Redonda plant, and will increase pre-painting capacity to 120,000 t/y at its Araucária facility from its current 100,000 t/y level, executives say. The new color-coating capacity could be commissioned in April 2011, and the additional CRC capacity is expected to come in two phases – the first in May 2010 and the second in January 2011, says the company.	SBB 10-Mar-10
Long Steel - Greenfield I and II			(1000) (1000) (100) (800) (200)	(Unlikely) EF x 2 CC (billet) x 2 STR x 2 WR x 2	2013	The company plans to build two new long steel plants with annual capacity of 500,000 tons (400,000 tpy of rebar and 100,000 tpy of wire rod) besides a long steel cold rolling unit aiming the expansion of its product portfolio (CA60 rod bar, lattice and wire) in order to better meet construction segment demand.	HP MB 01-Mar-10

Country: **BRAZIL (14)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Presidente Vargas Steelworks Long Steel Project			500	(Firm)	2011	Brazil's CSN has scaled down and delayed the start-up of a long products mill being built in Volta Redonda City, Rio de Janeiro state. Instead of coming on stream at the start of 2011 with a 600,000 tpy capacity, the plant – CSN's debut in the long steel market – is now expected to become operational "by the first half of 2011" with a 500,000 tpy capacity, the company said. The USD 340 million plant will produce 400,000 tpy of CA50 rebar and 100,000 tpy of wire rod, CSN said. The plant has suffered successive delays and postponements; originally, it was expected to have come on stream in late 2008. Meanwhile, the company is planning to build two new 500,000 tpy long steel plants in Brazil and is mulling a "long steel cold rolling unit, aiming to expand its product portfolio [CA60 rod bar, lattice and wire] in order to better meet demand from the construction section", it said. Studies for the two new plants are "very advanced", CSN's financial and investor relations director said at a recent conference call.	MB 01-Mar-10 HP
			(500) (500) (400) (100)	EF CC (billet) STR WR			
Slab-for-export project (Congonhas, Minas Gerais)			(4500)	(Unlikely)		Brazilian flat steelmaker CSN is in "very advanced" talks with potential partners who would jointly invest in two greenfield mills in Brazil with 4.5 million tpy of crude steel capacity each. Both projects – one in Congonhas city, Minas Gerais state, and the other in Itaguaí, Rio de Janeiro state – were originally planned to be 100%-owned by CSN, but in a conference call for analysts and investors the company's mining director revealed the change of plans. The Brazilian steelmaker expects to obtain the preliminary licence for the Congonhas plant during the first half of 2010, while the installation licence is expected to be granted by the end of next year.	MB 04-Nov-09 MB 01-Apr-09 HP
			(4500)	Steelmkg			

Country: **BRAZIL (15)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Slab-for-export project (Itaguaí, Rio de Janeiro)			(4500) (4500)	(Unlikely) Steelmkg		Originally, the slab plant in Itaguaí was expected to come on stream by September 2009, while the Congonhas mill would be commissioned at the end of 2010. CSN said in late 2008 that the Congonhas mill was expected to come on stream by December 2012, and the Itaguaí one by November 2013, but now (in November 2009) its executives said that there is no defined timetable at the moment.	MB 04-Nov-09 MB 01-Apr-09 HP
Volta Redonda, Rio de Janeiro	5750 (5380) (5750) (5600) (5100) (4000) (800) (1030)	BF x 2 LD x 3 LF CC (slab) x 3 Hot Cold x 3 HGL x 3 Tin Plate x 6	(150)	(Firm) Cold	2010-2011	CSN plans to add 150,000 tonnes/year of cold rolling capacity at its Volta Redonda plant, and will increase pre-painting capacity to 120,000 t/y at its Araucária facility from its current 100,000 t/y level, executives say. The new color-coating capacity could be commissioned in April 2011, and the additional CRC capacity is expected to come in two phases – the first in May 2010 and the second in January 2011, says the company.	SBB 10-Mar-10
Dedini S/A Indústrias de Base					P		
Piracicaba	87 (87)	EF x 2				Brazilian parts and equipment manufacturer Dedini has awarded SMS Concast the contract to supply a 30-/35-tonne VD/VOD facility for its Piracicaba works. The vacuum degassing/vacuum oxygen decarburization unit, which is expected to be commissioned in March 2010, will treat 30-35 t heats of carbon, low-alloy and stainless steels produced in an existing electric arc furnace. The Brazilian company supplies parts, components, equipment and plants to several industrial sectors, including mining & metals, oil & gas and sugar & ethanol industries.	SBB 02-Sep-09

Country: **BRAZIL (16)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Excell SA Tubos de Aço					P		
Mogi das Cruzes	(25)	SMLS					
Ferro Gusa Carajás							
Marabá in Pará state	(400)	BF (Charcoal) x 2				Ferro Gusa Carajás has been recently merged into Vale's business. The plant started up in 2005, in a joint venture established by Vale and Nucor, but in April last year the Brazilian iron ore producer purchased Nucor's 22% stake, becoming its full owner.	SBB 20-Aug-08
Ferrous Resources do Brasil							
Slab mill JV (Juiz de Fora, Minas Gerais)			(3500)	(Unlikely)	2016-	Brazilian miner Ferrous Resources do Brasil is considering construction of a slab mill in Juiz de Fora, Minas Gerais state. The 3.5m tonnes/year capacity mill might be commissioned in 2016. Ferrous and the Minas Gerais state's governor, Aécio Neves, announced the plan yesterday. It is estimated to require an BRL 8.8bn (USD 4.9bn) investment. The plant would start its first-phase operation at 1m t/y, expandable to 3.5m t/y at a later stage. According to Neves, the government would rather have new projects focused on value-added products. Ferrous, however, is only taking the project beyond the planning stage if it closes a partnership deal with another steelmaker. The government says Ferrous also announced investment of BRL 6.5bn to develop its iron ore mines – Santanense, Viga, Viga do Norte, Serrinha and Esperança. The mines might start operation between 2014 and 2016 and will have a combined capacity of around 50m t/y.	SBB 30-Mar-10 MB 30-Mar-10
			(3500)	Steelmkg			

Country: **BRAZIL (17)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Galvasud SA (CSN's subsidiary)							
Porto Real, Rio de Janeiro							
	(350)	HGL					
Gerdau Açominas SA					P		
Ouro Branco Plant	4500			(Firm)	2011-2012	Gerdau has increased its capex for 2010-2014 by BRL 3.2 billion (USD 1.85 billion) to BRL 9.5 billion. Most of the capital will be invested in a 1 million tpy heavy plate rolling mill at the Brazilian steelmaker's Açominas plant in Minas Gerais state, which will cost around BRL 1.75 billion. Gerdau is also reviving a BRL 100 million investment plan to increase its heavy sections capacity in Açominas to 700,000 tpy in 2011.	MB 10-Nov-09
	(4320)	BF x 2	(1000)	Plate			
	(4500)	LD	(250)	STR			
		LF					
		CC (billet)					
		CC (bloom)					
		CC (slab)					
	(2400)	S/BLM					
	(2400)	BLM					
	(450)	STR					
	(550)	WR					

Country: **BRAZIL (18)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Gerdau Aços Especiais SA					P		
Piratini Plant	410	(special steel) (410) EF x 2 LF (420) CC (billet) BLM (500) STR x 2				Brazilian longs maker Gerdau is acquiring a 28.88% stake in domestic special steel producer Aços Villares. The stake is owned by BNDESPar, a holding controlled by the state development bank BNDES which will earn BRL 1.3bn (USD 789m) in the transaction. With this acquisition, Gerdau is consolidating its special steel business in Brazil. In late 2007 the Brazilian antitrust agency Cade approved Gerdau's purchase of a 40% stake in the Spanish special steel producer Sidenor, which in turn indirectly controls Aços Villares with a 58.44% stake. Now Gerdau would be increasing its direct and indirect stake in Aços Villares to 52%. Gerdau had already consolidated the proportional Aços Villares' results in its financial report in 2008, and previously said it was studying the integration of sales and purchase policies by Aços Villares and the special steel producer Gerdau Aços Especiais Piratini, as well as other synergies between both companies.	SBB 26-May-08
Gerdau Aços Longos SA					P		
Açonorte Plant	300	(300) EF x 2 LF CC (billet) x 2 (250) STR					
Água Funda Plant		(250) STR					

Country: **BRAZIL (19)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
	Barão de Cocais Plant	350						
		(330)	BF x 2					
		(350)	LD					
			LF					
			CC (billet)					
		(200)	STR					
	Cearense Plant	200						
		(200)	EF					
			CC (billet)					
		(160)	STR					
	Contagem Plant							
		(240)	BF x 2					
	Cosigua Plant	1800					Gerdau's facilities in Rio de Janeiro state, the Cosigua works, have been increasing their output rate, driven by growing regional demand, especially from the construction sector. The unit produces longs via an electric arc furnace and has downstream facilities. Currently, the plant's drawing mill is working at three shifts per day, corresponding to a monthly output of 3,900-4,000 tonnes. The mill's nominal capacity is 5,000 t/m. Overall, Cosigua, Gerdau's largest minimill in Brazil, is operating at about 75-80% of its 1.8m t/y capacity. Moreover, the flats and longs maker has been increasing its output rate aiming to meet demand in advance of the 2014 World Cup.	SBB 04-Nov-09 SBB 12-Aug-08
		(1800)	EF x 2					
			LF x 2					
			CC (billet) x 2					
			STR x 2					
			WR					
	Divinópolis Plant	600						
		(430)	BF x 3					
		(600)	EOF					
			CC (billet)					
		(530)	STR x 2					

Country: **BRAZIL (20)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Guaíra Plant	560						
	(560)	EF LF CC (billet)					
	(180)	STR					
Pernambuco steel mill project			(1000)	(Unlikely)	2011-	Gerdau will spend USD 600m on its already announced project to build an EAF rebar plant in Brazil's northeastern state of Pernambuco, according to a public announcement made by the state's governor, Eduardo Campos. The politician said Gerdau would start off producing 1m tonnes/year of rebar instead of a plan to initially produce 500,000 t/y and then double capacity in a later stage, as Gerdau CEO had said during a conference call nearly two months ago. Before that, the company had announced it was going to spend some USD 400m on the first phase, to be commissioned by 2011.	SBB 29-Sep-08 AMM 03-Jul-08
			(1000)	EF STR			
Riograndense Plant	440					Riograndense plant's rolling capacity is about 490,000 t/y.	
	(440)	EF x 2 LF x 2 CC (billet) x 2 STR WR					
São Paulo Plant (Araçariguama city)	900					Gerdau group has inaugurated its first steelmaking works in São Paulo state in 2006.	
	(900)	EF CC (billet)					
	(600)	STR					

Country: **BRAZIL (21)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
	Sete Lagoas Plant							Gerdau confirmed that it has exchanged its ex-pig iron maker Margusa, located in Brazil's northeastern state of Maranhão, for Calsete, a pig iron producer located in the country's southeastern state of Minas Gerais. Gerdau CEO Andre Johannpeter said the move was made for "logistical reasons" because it was better for the company to produce pig iron in southeastern Brazil in order to feed its operations there. Johannpeter explained the transaction did not involve any cash payment, only a full asset transfer.	SBB 14-May-08
		(220)	BF x 2						
	Usiba Plant	560							
		(320)	DR (HYL III)						
		(560)	EF						
			LF						
			CC (billet)						
		(430)	STR						
Grupo Ferroeste									
	CBF João Neiva (João Neiva, ES)								
		(260)	BF						
	CBF Viana (Viana, ES)								
		(240)	BF						
	Ferroeste Industrial (Divinópolis, MG)								
		(90)	BF						

Country: **BRAZIL (22)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Gusa Nordeste (Açailândia, MA)	(360)	BF	500	(Firm) (500) Steelmkg (500) CC (billet)	2010	Brazil's Ferroeste Group restarted at the end of June 2009 site preparation work for its planned longs plant in Açailândia city, Maranhão state. The work stopped during May and part of June because of excess rain in northern Brazil. The company expects that the project will now continue in order to meet its originally targeted start-up in 2010. The new plant is to produce 500,000 t/y of billets, and they could supply another project from Ferroeste, the rerolling mill Companhia Siderúrgica do Planalto (CSP) - a 400,000 t/y project to be installed in Brazil's middle-western state of Goiás.	SBB 02-Jul-09 SBB 24-Nov-08 SBB 23-May-08
Höganäs Brasil Ltda Mogi das Cruzes, São Paulo	(21)	EPIF					
Inox Tubos SA São Paulo state	(18)	(stainless steel) ERW			P		
Itaminas Group Minas Gerais state	(800)	BF x 7			P		
Mangels Indústria e Comércio Ltda São Bernardo do Campo	(100)	Cold EGL			P		

Country: **BRAZIL (23)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Marcegaglia do Brasil							
Garuva	(186)	ERW				Marcegaglia do Brasil produces 180,000 tons of electro-welded carbon tubes and 6,000 tons of stainless steel tubes.	HP
Metalsider Ltda							
Betim, Minas Gerais	(360)	BF x 7					
Montepino Ltda							
Itaquera	(90)	STR x 2					
Others	597						
Persico Pizzamiglio SA					P		
Guarulhos, São Paulo	(300)	ERW HGL					
SA Tubonal					P		
Volta Redonda	(90)	ERW x 3					

Country: **BRAZIL (24)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Sidepar							
Marabá, Pará	(540)	BF x 3				Brazilian pig iron maker Sidepar, located in Marabá city in the country's northern state of Pará, commissioned its third blast furnace in 2008.	SBB 04-Aug-08
SIDERAMA (Companhia Siderúrgica da Amazônia)							
Manaus	80	BF LD x 2 CC STR					
Siderpa (Siderúrgica Paulino Ltda)							
Sete Lagoas	(228)	BF x 3					
Siderúrgica Alterosa SA							
Pará de Minas	(300)	BF x 3					
Siderúrgica J.L. Aliperti					P		
Água Funda, São Paulo	400	BF (Charcoal) x 2 EOF BLM STR WR BTM				According to the Gerdau's Form-20F 2001, for the purpose of maintaining and expanding its product line, in October 1998 Açominas leased properties and industrial assets from Siderúrgica J.L. Aliperti S.A. for periods of 60 and 240 months, respectively.	

Country: **BRAZIL (25)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Siderúrgica Norte Brasil (Sinobras) (formerly Simara)					P		
Marabá, Pará	300					Located in Brazil's northern state of Pará, Siderúrgica Norte Brasil (Sinobras) is owned by Aço Cearense, one of the largest independent flat and long steel service centers in Brazil, headquartered in the country's northeastern Ceará state. Formerly named Simara, the company was only a pig iron maker with two blast furnaces totaling 180,000 tpy of capacity. It then began building a steelmaking unit and a rolling mill, before it was acquired by Aço Cearense, which developed most of the project. Its billet caster was commissioned in May 2008, with the rolling mill coming on stream in September. Sinobras is currently operating only one of its two blast furnaces, and is using both pig iron and scrap to feed its EAF steelmaking plant.	MB 16-Apr-09
	(180)	BF x 2					
	(300)	EF					
		CC (billet)					
	(300)	STR					
Siderúrgica São Cristovão Ltda							
Divinópolis							
	(108)	BF (Charcoal)					

Country: **BRAZIL (26)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Sitrel - Siderúrgica Três Lagoas							
Três Lagoas				(Possible)	2012-	Brazilian steelmaker Votorantim has finally established specifics of its rebar mill project in the country's midwestern state of Mato Grosso do Sul. Sitrel – Siderúrgica Três Lagoas – will produce 450,000 tonnes/year. Votorantim plans to obtain its environmental license by the end of April, will start groundwork in July and begin plant construction in November. The mill expects to commission its 200,000 t/y first phase output in July 2012, after investments of about BRL 160-180m (USD 86-97m). Sitrel will use billets from sister company Votorantim Resende instead of operating a melt shop. The longs mill expects to satisfy demand from the construction sector, supplying the Mato Grosso do Sul state, midwestern and southeastern Brazil markets. The deal is a 50-50 joint venture between Votorantim and a group controlled by Brazilian entrepreneur Alexandre Grendene Bartelle.	SBB 30-Mar-10 SBB 18-Nov-09
			(450)	STR			
Tekno SA - Indústria e Comércio							
São Paulo							
	(120)	Ptg					

Country: **BRAZIL (27)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
ThyssenKrupp CSA Companhia Siderúrgica do Atlântico							
Sepetiba Bay in the state of Rio de Janeiro			5000 (Firm)		2010-2011	Companhia Siderúrgica do Atlântico (CSA), the slab-for-export joint venture between ThyssenKrupp and Vale, will be officially commissioned on 18 June 2010 in Rio de Janeiro, Brazil, the company confirmed to MB. With a capacity of 5 million tpy, CSA will initially start-up a sinter plant in June, and one of its two blast furnaces will come on stream in July/August. The other furnace is expected to come online in the middle of 2011. Vale originally had a 10% share in the company, but last year it increased the stake to 26.87% in order to inject more money into the project.	MB 26-May-10 MB 02-Nov-09 MB 22-Sep-09 SBB 25-May-10 HP
			(5300)	BF x 2			
			(5000)	LD x 2			
			(5000)	CC (slab) x 2			
Tubos Soldados Atlântico (TSA) Ltda							
Serra, Espírito Santo state						Brazilian spiral-welded pipes producer Tubos Soldados Atlântico (TSA) is owned 70% by Germany's Europipe GmbH(which is owned 50/50 by Salzgitter and Dillinger), 25% by tubemaker V&M do Brazil and 5% by Interoil, a trading company linked to Brazil's Intermesa group.	HP
	(90)	SAW					
Tuper Indústria Metalúrgica SA							
Santa Catarina state							
	(150)	ERW					
Tyco Flow Control do Brasil							
São Paulo							
		ERW					

Country: **BRAZIL (28)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Usiminas					P		
Cubatão, São Paulo (formerly Cosipa)	4500			(Firm)	2011	Cosipa, the Usiminas steelworks in Cubatão, in the Brazilian state of São Paulo, is receiving equipment to build its No.2 hot-strip mill, scheduled to be commissioned in early 2011. The company's equipment division Usiminas Mecânica is supplying 12,000 tonnes of structures as well as three cranes with capacities of 40-110 tonnes. Japan's Mitsubishi is supplying the HSM itself. The equipment will be able to produce up to 2.3m t/y of hot rolled coils in a first stage, but capacity could be doubled to 4.7m t/y in a second stage.	SBB 11-Aug-09
	(4390)	BF x 2	(2300)	Hot			
	(4500)	LD x 3					
	(4300)	CC (slab) x 4					
	(1000)	Plate					
	(2100)	Hot					
	(1200)	Cold					
Ipatinga, Minas Gerais	4800			(Firm)	2012	Usiminas will be able to supply special heavy plate for pre-salt oil exploration in Brazil from the third quarter 2010 onwards. The Brazilian flat steel producer is installing Nippon Steel technology called Accelerated Heavy Plate Cooling at its Ipatinga works, Minas Gerais state, which will enable it to produce between 300,000 and 500,000 tonnes of high-resistance steel plates. The steelmaker, the sole plate producer in Brazil, is expanding its heavy plate rolling mill at Ipatinga by around 500,000 tpy, with start-up expected for the last quarter of 2012.	MB 14-Sep-09
	(4300)	BF x 3	(500)	Plate			
	(4800)	LD x 5					
		LF x 2					
	(4700)	CC (slab) x 4					
	(1000)	Plate					
	(3520)	Hot x 2					
	(2500)	Cold x 2					
	(360)	EGL					
New slab mill project (Santana do Paraíso)			(5000)	(Unlikely)		Brazilian steelmaker Usiminas might review its greenfield slab mill project in Santana do Paraíso, Minas Gerais state, by June 2010. According to the mill, the project's resumption will be on Usiminas first half agenda, but further details, including any new construction schedule, weren't disclosed. The company notes that it cannot ensure that any construction work will start soon. The project for the new slab mill, which would be able to produce over 5m tonnes/year, was indefinitely suspended in July 2009 due to uncertain global steel demand conditions.	SBB 10-Feb-10
			(5000)	Steelmkg			

Country: **BRAZIL (29)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Unigal (Usiminas & Nippon Steel JV)	(480)	HGL	(550)	(Firm) HGL		Usiminas is investing in a new galvanizing line at Unigal, which will be concluded in the first quarter of 2011. The company has capacity to produce around 480,000 tpy of HDG at Unigal. The second line will have capacity to produce 550,000 tpy.	MB 07-Sep-09
V & M do Brasil - Vallourec & Mannesmann Tubes							
Guarulhos	(65)	ERW					
Usina Barreiro	700						
	(650)	BF x 2					
	(700)	LD					
	(550)	CC (round)					
	(560)	BLM					
	(140)	STR					
	(550)	SMLS x 2					
Vallourec & Sumitomo Tubos do Brasil Ltda					P		
Jeceaba, Minas Gerais			1000	(Firm)	2010	Vallourec & Sumitomo Tubos do Brasil (VSB) will commission its 600,000 tpy seamless pipe mill in the second half of 2010. The USD 1.6 billion project comprises a 1 million tpy integrated steelworks and a 600,000 tpy seamless tube plant in Jeceaba city, in Brazil's southeastern state of Minas Gerais. About 700,000 tpy of crude steel will be used to produce the pipe at VSB, with Vallourec receiving the remaining output.	MB 19-Apr-10
			(600)	BF (Charcoal) x 2			
			(1000)	EF			
			(600)	SMLS			

Country: **BRAZIL (30)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
VDL Siderurgia Ltda					P		
Itabirito	6					VDL Siderurgia produces steelmaking/foundry pig iron and cast products.	
	(90)	BF EF IF					
Vetorial Siderurgia							
Campo Grande							
	(84)	BF					
Corumbá						Brazilian iron ore miner MMX has concluded the sale of the two pig iron plants it owned in Brazil and Bolivia to the Brazilian pig iron maker Vetorial Siderurgia for a total of BRL 126 million (USD 69 million). Vetorial will pay BRL 100 million for a 400,000 tpy plant located in Corumbá city, in Brazil's mid-western state of Mato Grosso do Sul, and 84% of this value will be paid up front. MMX Corumbá Mineração, a subsidiary of MMX, has entered into a 20-year iron ore supply agreement with Vetorial in a tonnage " sufficient to guarantee production of up to 400,000 tpy of pig iron", MMX said.	MB 08-Sep-09
	(400)	BF x 2					
Ribas do Rio Pardo							
	(240)	BF					
Viena Siderúrgica SA					P		
Açailândia, Maranhão state							
	(500)	BF x 5					

Country: **BRAZIL (31)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Villares Metals SA					P		
Sumaré	150						
		(special steel)					
	(150)	EF x 2					
		LF					
		CC (billet)					
		STR					
		BLM					
		BTM					
Votorantim Siderurgia					P		
Barra Mansa	750						
	(750)	EF x 2					
		LF					
		CC (billet)					
		STR					
		WR					
Resende, Rio de Janeiro	1050					Votorantim Siderurgia (VS) has commissioned its 630,000 tpy long steel plant in Resende city, Rio de Janeiro state. The plant has capacity to produce 1.05 million tpy of crude steel, and in 2010 it is expected to reach a 70% utilization rate, said the company. The plant cost USD 550 million and will produce rebar, wire rod, bars and sections.	HP 21-Sep-09 MB 23-Sep-09 MB 17-Aug-09
	(1050)	EF					
		LF					
		CC (billet)					
	(630)	STR					

Country: **BRAZIL (32)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Wuhan I&S (Wugang) & MMX JV							
Integrated steel mill project (Açu Super Port Industrial District)			(5000) (5000)	(Unlikely) Steelmkg		China's Wuhan Iron & Steel Group Co (Wugang) and the Brazilian miner MMX have agreed on the shareholding structure for the new integrated steelworks joint venture in the Brazilian state of Rio de Janeiro. Wugang will hold 70% of the new project and MMX's parent company EBX the balance. Both companies agreed to begin studies immediately in order get all necessary permits to develop the new mill by May 2010. Wugang and MMX will apply for credit lines to the China Development Bank and Brazil's BNDES bank, respectively. Under the terms of the agreement, the new mill should not have less than 5m tonnes/year of slab capacity in its first stage, although future expansions are not ruled out. As previously reported by SBB, both companies signed the deal in late 2009, which includes iron ore shipments to Wugang's mills and the planned 5m t/y slab and heavy plate making JV aimed at meeting demand from naval industry.	SBB 25-Feb-10 SBB 25-Dec-09

Country: **COLOMBIA**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Acerías de Caldas SA (Acasa)					P		
Manizales	130					Colombian service center and longs producer Ferrasa is commissioning expanded capacity at its Acerías de Caldas (Acasa) steelworks. The steelmaking plant, acquired by Ferrasa, had around 100,000 tonnes/year of EAF capacity. Once the modernization program is concluded, Acasa's steelmaking capacity will be lifted to 130,000 t/y. Acasa's portfolio includes angles, channels, flats, rounds and squares. Investments were made to expand the mill's EAF and continuous casting equipment. A ladle furnace has also been commissioned.	SBB 02-Jul-08
	(130)	EF					
		CC					
		STR					
Acerías Paz del Río (Votorantim Siderurgia)					P		
Belencito, Boyacá	450			(250) (Unlikely)	2012	Colombia's flats and longs producing integrated steelmaker Acerías Paz del Río (APR) is studying increasing its capacity to 700,000 tonnes/year by 2012, from the current 450,000 t/y level. In spite of the financial crisis, the mill is lately producing 32,000 t/month, somewhat close to its full capacity. APR is controlled by Brazil's Votorantim Siderurgia. Paz del Río produces both flats and longs and has around 450,000 t/y of melting capacity. It also operates iron ore and coal mines.	SBB 24-Sep-09 SBB 04-Aug-09
	(342)	BF		(250) Steelmkg			
	(340)	LD x 2					
	(110)	EF					
		LF					
		CC (billet)					
	(700)	SLM					
	(230)	BTM					
	(165)	STR					
	(225)	WR					
	(400)	Hot					

Country: **COLOMBIA (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Acesco - Acerías de Colombia SA					P		
Malambo, Atlántico				(Firm)	2010	Colombian cold rolled and hot-dip galvanized coil producer Acerías de Colombia (Acesco) has begun operating its new 85,000 tpy HDG line. The line came on stream at the beginning of January 2010. With the new line, the company's second, Acesco has now capacity to produce around 225,000 tpy of HDG products.	MB 08-Mar-10 SBB 24-Mar-10
	(250)	Cold	(85)	HGL			
	(140)	HGL					
Colmena - Consorcio Metalurgico Nacional SA							
Bogota D.C.							
	(48)	ERW					
Diaco SA (Brazil's Gerdau group)					P		
LASA - Laminados Andinos SA (Boyacá)							
	(110)	STR					
Sideboyaca - Siderúrgica de Boyacá SA	140						
	(140)	EF					
		LF					
	(300)	CC (billet)					
	(160)	STR x 2					
Sidelcaribe - Siderúrgica del Caribe (Cartagena)	80						
	(80)	EF					
		STR					

Country: **COLOMBIA (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Sidelpa - Siderúrgica del Pacífico SA						Colombian steelmaker Sidelpa, which had its furnace shut down early 2009, is keeping its rolling mill working, producing bars from billets supplied by other domestic mills. Sidelpa - a Gerdau Diaco subsidiary - is rolling bars from semis supplied by the group's steelmaking plant in Tocancipá. Colombia's environmental authority, CVC, has enforced the closure of the furnace because the company did not present a plan for the safe disposal of its black slag.	SBB 02-Nov-09 MB 25-Jun-09
		EF					
		LF					
		CC (billet)					
	(120)	STR x 2					
Sidemuna - Siderúrgica del Muña SA	130						
	(130)	EF					
	(130)	LF					
	(130)	CC (billet)					
	(120)	STR					
Simesa - Siderúrgica de Medellín SA	150						
	(150)	EF					
		LF					
		CC (billet)					
	(150)	WR					
	(17)	ERW					

Country: **COLOMBIA (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Tocancipá (formerly Compañía Siderúrgica de la Sabana)	250					Gerdau has commissioned its 250,000 tpy electric arc furnace (EAF) in Tocancipá city, Colombia, following delays last year. The EAF was originally due to be commissioned in April 2009. But by the end of August 2009, the EAF had yet to come on stream. The company's CEO then said that it would start up by the end of 2009. Gerdau's crude steel capacity in Colombia is now 760,000 tpy, up from 510,000 tpy. The Tocancipá EAF will produce billet to feed a long steel rolling mill in Tocancipá city. Gerdau's Colombian alloy and long special steel subsidiary Siderúrgica del Pacífico (Sidelpa), "remains closed and without the prospect" of being restarted, the CEO said. The plant was shut down in June 2009.	MB 26-Feb-10 SBB 17-Nov-09
	(250)	EF					
Fábrica Nacional De Autopartes							
Acopi							
	(25)	ERW					
Holasa - Hojalata y Laminados SA							
Medellín							
	(80)	Tin Plate					

Country: **COLOMBIA (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Sidenal SA (Siderúrgica Nacional)							
Boyacá	400					In 2008 Sidenal completed work on its new electric arc furnace, enabling the group to reach a 400,000 tonnes/year steelmaking capacity. Sidenal president Jairo Reyna confirmed that the Tenova EAF has already been installed, but explained that production has not started because much of the plant's equipment must be upgraded to meet the new EAF requirements. Sidenal's crude steel output reached almost 200,000 tonnes in 2007, from a capacity of about 280,000 t/y at its two existing EAFs.	SBB 03-Nov-08 SBB 25-Feb-08
	(400)	EF x 3 CC (billet) STR					
Sidoc SA (Siderúrgica de Occidente)							
Santiago de Cali	180					The bar producer Siderúrgica del Occidente (Sidoc) is attracting attention in the Colombian steel market as its expansion project makes progress. In 2007 the company has completed the installation of a new ladle furnace, which increased its production capacity from 90,000 tonnes/year to 150,000 t/y. By the end of 2008, Sidoc plans to carry out further work at its melting shop, which includes an electric arc furnace. The steelmaker also intends to increase its capacity further, to 180,000 t/y, says the plant's manager Marcela Mejia. In addition, Sidoc is to commission a new flat bars rolling mill in early 2008 and a new angles rolling mill by the second quarter of 2008. The company plans to increase its overall rolling capacity to 180,000 t/y.	SBB 24-Jul-07 SBB 19-Oct-07 SBB 17-Nov-09
	(180)	EF CC (billet) STR					
	(180)						

Country: **COLOMBIA (6)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Votorantim & Acesco JV					P		
Integrated steel mill project			(1400)	(Unlikely) Steelmkg Hot	2012	Votorantim Siderurgia and Acesco will finalise plans for a 1.4 million tpy integrated flat product steelworks in Colombia in 2010, Votorantim's director-superintendent Albano Chagas Vieira told MB. Both companies have been studying the feasibility for a change in the iron ore supply for the plant, which was originally expected to be purchased from third parties and delivered on vessels in a port on the coast of Colombia – close to the planned location of the mill. “But with this recent increase in iron ore prices, we decided to study sourcing iron ore from a mine we have in Colombia,” Vieira told MB. The mine is located far from the coast and in the Andean Cordillera, so logistics would be a main issue, he said. Votorantim expects to be granted an environmental licence for the steel mill during the second half of 2010, Vieira added. The mill was originally estimated to cost around USD 1.5 billion and was to come on stream in 2012.	MB 19-Apr-10

Country: **PERU**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Aceros Arequipa									
	Arequipa								
		(100)	STR						
	Pisco	650		(550)	(Unlikely)			Aceros Arequipa is still waiting for the " appropriate moment" to start its 1.2 million tpy production expansion plan. Although the Peruvian long steel producer has recently started-up a new transformer at its Pisco plant in southwestern Peru, enabling it to ramp up production to 800,000 tpy, its overall crude steel capacity is still 650,000 tpy, a company executive said. The expansion plan was already approved, but [it was] frozen because of the [world economic] crisis and the company is now waiting for better market conditions before it starts construction works," the source said, declining to give an estimated timetable for the project.	MB 27-Oct-09
		(80)	DR x 2	(550)	EF				
		(650)	EF						
			LF						
			CC (billet)						
		(360)	STR						
		(150)	WR						
Acersa - Industria Tubular del Acero SA						P			
	Lima								
		(120)	ERW						
Others									
		70						Small electric furnace producers.	

Country: **PERU (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
SiderPerú (Gerdau Group)					P		
Chimbote	560		140	(Firm)	2010	In May 2009 the board of Brazilian steelmaker Gerdau has approved USD 140 million in investments to expand Peruvian subsidiary SiderPerú. Currently, the company is increasing its capacity to 700,000 t/y by 2010.	NET 08-May-09
	(400)	BF	(140)	Steelmkg			SBB 03-Sep-08
	(100)	DR (SLRN) x 3					SBB 02-Sep-08
		LD x 2					
		EF x 2					
		CC					
		STR					
		Plate					
		Hot					
		Cold					
	(150)	Tin Plate					
	(36)	HGL					

Country: **PERU (3)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
	Investment program			(2300)	(Unlikely)		2011-2013	Peruvian long steel producer SiderPerú, controlled by Brazil-based group Gerdau, plans to restart its idled blast furnace on 1 May 2010, the company's chairman Raúl Barrios said. Barrios also said that in July a new electric arc furnace will come on stream, replacing the company's two old furnaces. " Until July, USD 142 million will have been invested" in both the relining of its blast furnace and the installation of an electric arc furnace, Barrios told the newspaper. Such capital is part of the company's USD 1.4 billion investment plan announced in 2008, which was suspended because of the world economic crisis. The project comprised the expansion of SiderPerú's crude steel capacity from 540,000 tpy to 1.5 million tpy by 2011 and 3 million tpy by the end of 2013. "Although since the third quarter of last year we have not been losing [money] anymore and we are already reporting profit, we cannot say when the expansion plan will be resumed," Barrios said, adding that "maybe" in the second half this year there will be concrete news regarding the project.	MB 05-Mar-10
				(800)	Steelmkg				
				(1500)	Steelmkg				
SIDERSA (Siderúrgica San Antonio)						P			
			(24)	WR					
				STR					
Tubos y Perfiles Metálicos SA (Tupemesa)									
	Lima								
			(24)	ERW					

Country: **VENEZUELA**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Aceros del Alba (Cuban-Venezuelan stainless JV)					S			
Libertador, Monagas			500 (Possible) (stainless steel)	(500) Steelmkg		2012	Venezuela's project to build a stainless steel plant in partnership with the Cuban government – the Aceros del Alba venture – has been ratified by the country's mining ministry. It could be in operation by Q4 2012. The project foresees a 500,000 tonnes/year stainless and special steels plant, which is to source its ferro-nickel from Cuba.	SBB 31-Aug-09 SBB 28-Nov-08
CA Conduven					P			
Edo Aragua	(270)	ERW x 8						
Comsigua (Complejo Siderúrgico de Guayana)								
Matanzas	(1400)	DR (MIDREX)					Off-take agreements have been signed between the Venezuelan government and HBI producers Orinoco Iron, Venprecar and Comsigua for the supply of HBI, and CVG Ferrominera Orinoco (FMO) has been concentrating all export negotiations. The government took complete control of Comsigua, a source at the company said. Comsigua is controlled by a consortium of Japanese companies comprising Kobe Steel, Marubeni Corp, Sojitz Corp and Mitsui & Co, together with Tenaris and FMO itself. Now that operational and management control has been taken in all three companies, negotiations for the respective indemnities are underway.	MB 26-Mar-10

Country: **VENEZUELA (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
CVG Ferrominera Orinoco CA					S		
Ciudad Piar				(Firm)	2009-2010	Venezuela's state-owned iron ore pellet producer CVG Ferrominera Orinoco (FMO) plans to start up the country's first merchant pig iron plant by the end of 2009 or the beginning of 2010. The plant will have two blast furnaces with a total capacity of 320,000 tonnes/year in the city of Ciudad Piar. Another plant, with a 120,000 t/y capability, will be built later in the city of El Pao, but future plants will all be constructed in Ciudad Piar.	SBB 28-Oct-08
			(320)	BF (Charcoal)			
El Pao				(Firm)	2009-2010		SBB 28-Oct-08
			(120)	BF (Charcoal)			
Puerto Ordaz				(Possible)	2009-2010	In May 2008, Venezuela's state-owned iron ore producer CVG Ferrominera Orinoco (FMO) took over the hot briquetted iron plant previously operated by Japan's Kobe Steel through its subsidiary Opco. The two companies finalised the transfer after concluding a transition plan, which included a maintenance stoppage and stocktaking and internal audits. By the end of 2008, FMO is expected to start its project to raise the plant's output capacity from 1m tonnes/year to 1.4m t/y. The project is likely to take 24 months and cost USD 180m.	SBB 06-Jun-08 SBB 06-Jun-07
	(1000)	DR (MIDREX)	(400)	DR (MIDREX)			
EBS Constructora Nacional de Rieles					S		
New rail mill project				(Possible)	2012	Venezuelan state-owned company EPS Rieles y Perfiles was created to manage the major rail mill project. It aims to build a 750,000 tonnes/year rolling mill, to be commissioned by the second half of 2012.	SBB 11-Jan-10
			(750)	STR			

Country: **VENEZUELA (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
EBS Siderúrgica Nacional					S		
New state-owned steel mill project (Ciudad Piar)			1550	(Possible)	2012	Construction works for the new state-owned Venezuelan steel mill Siderúrgica Nacional have been officially started in the city of Ciudad Piar, according to the country's official news agency. The plant will have capacity to produce around 1.55 million tpy of crude steel, of which 800,000 tpy will be rolled into hot rolled coils, 350,000 tpy into plates and 160,000 tpy into slabs, Venezuela's president Hugo Chávez said. At a total cost of USD 2.1 billion, the EAF-based plant is expected to commence production by the end of 2011 or the beginning of 2012. Base industry and mining minister Rodolfo Sanz said that Italy's Danieli and German companies will provide equipment and technology for the mill. In 2018, Venezuela will be producing some 15 million tpy of crude steel and 39 million tpy of iron ore, forecasted the minister. Brazilian construction company Andrade Gutierrez is building the new plant.	MB 10-Mar-09 SBB 10-Mar-09
			(1550)	EF			
			(800)	Hot			
			(350)	Plate			
EBS Tubos sin Costura					S		
New seamless pipe mill project				(Possible)	2011	Work on Venezuela's new state-owned seamless tube and pipe mill is apparently ongoing, according to local reports. According to the construction and start-up schedule, the plant will be commissioned in December 2011. Danieli is supplying technology for the 465,000 tonnes/year seamless pipe mill, while SMS Innse will supply a 200,000 t/y casing/tubing mill.	SBB 16-Feb-10
			(465)	SMLS			
Grupo Siderpro CA							
Proacero							
		ERW					

Country: **VENEZUELA (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Sideroca							
		ERW					
Industrias Metalúrgicas Rex CA							
Valencia, Carabobo							
	(10)	ERW x 6					
International Briquettes Holding (IBH) (Subsidiary of Sivensa SA)							
Operaciones RDI (formerly Fior)						Operaciones RDI (formerly Fior), with a capacity of 400,000 MT per year, uses iron ore fines as raw material, instead of pellets and lumps. It started operating in 1976 and in 2001, due to the weakening of the prices in that year and the high investments required by the plant, it ceased its productive activities. IBH is currently studying the possibility of resuming its operations.	HP
	(400)	DR (Fior)					
Orinoco Iron						Off-take agreements have been signed between the Venezuelan government and HBI producers Orinoco Iron, Venprecar and Comsigua for the supply of HBI, and FMO has been concentrating all export negotiations. " Production from Orinoco Iron and Venprecar has been sold to the government and we understand FMO has been reselling the volumes," an executive from Orinoco Iron/Venprecar said. Both companies are part of the Venezuelan group Sivensa, but the government has already taken complete operational control of them as part of their nationalization process, the source said.	MB 26-Mar-10
	(2200)	DR (Finmet) x 4					
Venprecar, Matanzas							MB 26-Mar-10
	(815)	DR (MIDREX)					

Country: **VENEZUELA (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Productos de Acero Lamigal CA							
Valencia, Estado Carabobo							
	(120)	HGL					
SIDETUR (Siderúrgica del Turbio SA) (Subsidiary of Sivensa SA)					P		
Planta Antímano							
	(340)	STR x 2					
Planta Barquisimeto	375						
	(375)	EF CC (billet)					
	(140)	STR					
Planta Casima	530					Venezuelan rebar/wire rod producer Sidetur completed a revamping program at its Casima's billets mill, where steel output capacity increased by 15% to 530,000 tonnes/year. According to Sivensa, Sidetur's parent company, that investments in the unit included the installation of a new energy transformer for electric steelmaking and revamping of the billets cutting system at the continuous caster. Furthermore, the company installed new environmentally friendly equipment at the plant. A total of USD 25m was invested in Casima, which resumed operations in June after 16 weeks of being idle.	SBB 07-Aug-08
	(530)	EF CC (billet) LF					
Planta Guarenas							
	(75)	STR					
Planta Lara (formerly Perfilsa)							
	(60)	STR					

Country: **VENEZUELA (6)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
SIDOR (CVG Siderúrgica del Orinoco CA)					S		
Matanzas	5000		(2000)	(Unlikely)	2012	The Venezuelan government confirmed it will invest USD 900m in the newly nationalized steelmaker Sidor to increase its capacity. According to the country's mining minister, Rodolfo Sanz, this investment aims to lift the company's liquid steel capacity to 7m t/y through 2012. A previous program intended to hike its tonnage to just 5.7m t/y. There are also rumors that Venezuela plans to increase Sidor's output to 15m t/y by 2020, but the ministry did not announce this second stage of investments. The Venezuelan government renationalized Sidor, previously owned by Ternium, earlier 2008.	SBB 16-Dec-08
	(4100)	DR (MIDREX)	(2000)	Steelmkg			
	(700)	DR (HYL)					
	(5000)	EF x 8					
		LF					
	(1400)	CC (billet) x 2					
	(3600)	CC (slab) x 3					
	(2800)	Hot					
	(1700)	Cold					
	(200)	Tin plate					
	(460)	STR					
	(600)	WR					
New round billet plant project			(150)	(Unlikely)		BNamericas reported that the Venezuelan basic industries and mining ministry will install new furnaces in the long steel area at local steelmaker Sidor in order to produce the raw materials needed to supply the new seamless tube social production company. Mr. Ivan Hernández deputy Mibam minister said that "We are going to install a 150,000 tonnes per annum electric furnace, a ladle furnace and a continuous casting machine in order to supply the new seamless tube plant that is being built with raw materials." According to Mr. Hernández, recently nationalized steel tube maker Tavsa, which is situated within Sidor's facilities, will also provide raw materials for the project. Tavsa has production capacity of 80,000 tonnes per annum of seamless steel tubes, which are used for the oil sector.	GURU 14-Nov-09
			(150)	EF			
				LF			
				CC (billet)			

Country: **VENEZUELA (7)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Sizuca (Siderúrgica Zuliana CA) (Gerdau Group)					P		
Estado Zulia	300					Venezuelan longs minimill Siderurgica Zuliana (Sizuca) is currently revamping and modernizing its rolling mill, following similar work on its melt shop, SBB confirmed with Sizuca's controller, Brazil's Gerdau. At the same time, Gerdau denies Sizuca is selling any surplus billets to state-owned steelmaker Sidor to be re-rolled. Currently, Sizuca's steelworks in Ciudad Ojeda, in Venezuela's state of Zulia, has about 300,000 tonnes/year of steelmaking capacity, but is able to produce only 200,000 t/y of long rolled products. The revamp is thought to increase capacity at the rolling mill, however Gerdau hasn't given specific details.	SBB 11-Aug-09
	(300)	EF					
		LF					
	(300)	CC (billet)					
	(200)	STR					
Tavsa (Tubos de Acero de Venezuela SA)							
Puerto Ordaz						The Venezuelan government has assumed operational control of the country's only seamless steel pipe manufacturer Tavsa from Luxembourg-based Tenaris, as Hugo Chavez continues his nationalisation programme in the steel industry. Tenaris said that the government had taken control of Tavsa, three months after it nationalised the company's hot-briquetted iron (HBI) subsidiary Matesi. Tavsa is now exclusively controlled by PDVSA Industrial, a subsidiary of Venezuela's state-owned oil producer Petroleos de Venezuela (PDVSA), Tenaris said. Tavsa has capacity to produce 80,000 tpy of seamless pipes, employing around 250 people.	MB 18-Nov-09
	(80)	SMLS					
Univensa (Unión Industrial Venezolana SA)							
Barquisimeto, Lara							
	(125)	ERW					

Country: **OTHERS**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
BOLIVIA							
EBX Siderúrgica de Bolivia SA					P		
Puerto Suarez, German Busch province				(Unlikely)		Brazilian miner MMX - owned by EBX group - said it has concluded the sale of its pig iron facilities in Corumbá, Mato Grosso do Sul state, to Vetorial Siderurgia, a major domestic ironmaking group. The two companies signed an initial agreement in June 2009. The transaction is valued at USD 54.1m, but Vetorial has additionally acquired an EBX "skeleton" pig iron plant in Bolivia. Years ago, EBX stopped building a plant in Bolivia due to environmental concerns and problems with the local government, and work on the plant never resumed.	SBB 09-Sep-09 HP 08-Sep-08
			(400)	BF x 2			
El Mutún iron and steel project (Bolivian government & JSPL JV)					S/P		
El Mutún project			(1700)	(Unlikely)	2014	The relationship between the Bolivian government and India's Jindal Steel & Power is getting complicated. State-owned company Empresa Siderúrgica del Mutún (ESM) - Jindal's partner in the El Mutún project - has started looking for new investors as an alternative way to move forward with the Bolivian iron ore development project. In March 2010 Jindal agreed to invest roughly USD 1.5 billion over the next four years and begin steel production in the third quarter 2014 in order to keep its 50% stake in the joint venture with Empresa Siderúrgica del Mutún (ESM). In the first phase they plan to bring on stream a 5 million tpy pellet plant, a 2 million tpy DRI plant and a 1.7 million tpy steel mill, with only steel products expected to be exported. Then in the second phase, to be commissioned in 2016, pellet output would increase to 10 million tpy and DRI to 6 million tpy, and so they would export both steel and iron ore products.	MB 19-Mar-10 SBB 29-Apr-10
			(2000)	DR			
			(1700)	Steelmkg			

Country: **OTHERS (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
COSTA RICA							
Galvatica SA (Colombia's Acesco Group)					P		
La Ceiba de Orotina	(200)	HGL				Colombian cold roller and galvanizer Acerias de Colombia (Acesco), together with its Costa Rica based Metalco galvanizing subsidiary, bought the Galvatica galvanizing plant and its Tubotico structural and welded pipes plant in October 2007 from the Pujol group.	MB 29-Oct-07
Laminadora Costarricense SA					P		
	(400)	STR				ArcelorMittal has acquired the remaining 50 percent that it did not own of long products producers Laminadora Costarricense S/A and Trefileria Colima S/A in Costa Rica. The two steel companies were bought from Clarion Del Norte (Pujol Group). The other 50 percent is already owned by ArcelorMittal Brasil. Laminadora Costarricense S/A has a 400,000 tpy rebar and merchant bar production capacity. Trefileria Colima S/A produces 60,000 tpy of wire products.	MB 04-Feb-08
Metalco SA (Colombia's Acesco Group)					P		
	(120)	HGL Ptg					MB 29-Oct-07
Tubotico SA (Colombia's Acesco Group)					P		
La Ceiba de Orotina	(200)	ERW					MB 29-Oct-07

Country: **OTHERS (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
CUBA							
ACINOX SA					S		
Acinox Tunas	150	(stainless steel)				Acinox, Cuban carbon and stainless steelmaker was formerly known as Empresa Siderúrgica José Martí.	
	(150)	EF					
		LF					
		CC					
		STR					
		WR					
Antillana de Aceros	350		(150)	(Unlikely)	2013	Cuban state-owned longs maker Antillana de Aceros is still aiming to reach a 500,000 tonnes/year crude steel capacity by 2013 to meet local demand and increase its billet exports to Central American and Caribbean markets. Antillana de Aceros is a 50-year-old facility with a nominal capacity of around 300,000 t/y.	SBB 07-May-09
	(350)	EF x 2	(150)	Steelmkg			
		LF x 3					
	(500)	CC (billet) x 4					
		BTM					
	(150)	WR					
	(160)	STR					
DOMINICAN REPUBLIC							
Industrias Nacionales C por A (Inca)							
La Isabela & Autopista Duarte					2010	Dominican Republic reroller Industrias Nacionales C. por A. (Inca), 49-percent owned by Brazil's Grupo Gerdau SA, plans to spend USD 100 million to install a 420,000-tonne-a-year bar and light sections mill. The mill's production is targeted at both domestic and export markets. With the new installation, Inca's total rolled products capacity will rise to 720,000 tonnes a year from 300,000 tonnes currently. The new mill is expected to start operating by early 2010.	AMM 29-Nov-07
	(300)	STR	(420)	STR			
		WR					

Country: **OTHERS (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
METALDOM					P		
Santo Domingo	400					Dominican rolling mill Metaldom will restart an idled electric arc furnace to avoid future billet purchases and widen the company's options. Metaldom installed an EAF at its Dominican Republic works in 1996, but melting was halted in 2000. However, in order to reduce its exposure to high international prices, the group will restart the furnace in 2009. The EAF has around 400,000 tonnes per year of capacity, which is enough to supply Metaldom's rolling mill working at full capacity. Metaldom produces long rolled products, supplying both the domestic market and other Caribbean and Central American countries.	SBB 05-Nov-08
	(400)	EF x 2					
		CC (billet)					
	(500)	STR x 2					
	(15)	WR					
	(8)	ERW					
ECUADOR							
Acería del Ecuador CA (Adelca)							
Alóag	250			(Firm)		Ecuadorian long steel reroller and drawer Adelca has recently commissioned a new 250,000 tonnes/year electric arc furnace at its Alóag steelworks. Adelca has two Danieli-manufactured rolling mills at Alóag, with capacity to roll some 180,000 t/y total. But it intends to develop a revamp program at both lines to maximize capacity, elevating it to roughly 250,000 t/y. The Ecuadorian mill produces rebar, merchant bar, angles and profiles, as well as drawn products such as galvanized and annealed wires, barbed wires, mesh and nails. It also has five distribution centers in Ecuador, in the cities of Portoviejo, Quito, Santo Domingo, Cuenca and Guayaquil.	SBB 29-Sep-08
	(250)	EF	(70)	STR			
	(180)	STR x 2					

Country: **OTHERS (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Andec - Funasa (Acerías Nacionales del Ecuador - Fundiciones Nacionales)					S/P		
Guayaquil	135		65	(Firm)	2011	Ecuadorian steelmaker Andec recently commissioned the new 25-tonne ladle furnace at its Guayaquil works. The mill also put into operation a new exhaust fume de-dusting plant, which will serve the existing electric arc furnace and the new ladle furnace. The new ladle furnace will enable the steelmaker to increase its billet making capacity from 90,000 t/year to 135,000 t/y. The company plans to reach 200,000 tpy by 2011. Andec has capacity to roll up to 250,000 tpy of long steel products, such as rebar and wire rod. The Ecuadorian government has a majority stake in the company through its armed forces, but the steelmaker also has private capital.	SBB 17-Feb-10 MB 20-Jan-10 MB 25-Sep-09
	(135)	EF LF	(65)	EF			
	(250)	STR					
Novacero							
Lazo, Cotopaxi region	120		(130)	(Unlikely)		Ecuadorian long steel producer Novacero started up a 120,000 tpy electric arc furnace in October 2009 in order to produce its own billet. Novacero currently has capacity to produce up to 120,000 tpy of bars and sections, so it will no longer need to import semi-finished steel once its furnace and billet caster are operating at full capacity. In the future the company plans to reach up to 250,000 tpy of crude steel output, depending on availability of scrap or hot-briquetted iron in the market.	SBB 30-Oct-09 MB 25-Sep-09
	(120)	EF	(130)	EF			
	(120)	STR					

Country: **OTHERS (6)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Siderúrgica del Pacífico					S		
Venezuelan state-owned steel mill project			(500)	(Unlikely)	2016-	Siderúrgica del Pacífico, a joint-venture steel mill between the governments of Venezuela and Ecuador, is unlikely to come on stream before 2016, with construction works preliminarily estimated to begin in 2012. The plant could have capacity of up to 500,000 tpy of finished steel, probably long steel products. Holding Dine, a holding company created by Ecuador's National Armed Forces Industries (DINE), is the Ecuadorian party who is studying the project along with Venezuelan state-owned steelmaker Sidor.	MB 28-Oct-09
			(500)	EF			
Talleres Metalúrgicos 21 (Talme) SA							
Guayaquil							
		(12)	STR x 2				
EL SALVADOR							
Corinca SA de CV (Corporación Industrial Centroamericana)					P		
La Libertad	250					El Salvadorian longs maker Corporación Industrial Centroamericana (Corinca) is close to finishing its USD 20 million steelmaking and rolling facilities expansion program, which started in late-2007. Corinca, which currently operates a 40-tonne electric arc furnace, will have a new liquid steel capacity of 250,000 tonnes/year - up from 140,000 t/y - while the rolling mill will increase similarly.	SBB 24-Jul-09
		(250)	EF CC (billet) STR				

Country: **OTHERS (7)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
SICEPASA (Siderúrgica Centroamericana del Pacífico SA)					P		
Sonsonate	100						
	(100)	EF CC WR STR					
GUATEMALA							
Corporación Aceros de Guatemala							
Aceros de Guatemala SA		STR WR				Corporación Aceros de Guatemala (CAG) has annual steelmaking capacity of 500,000 tonnes and operates four rolling mills in Guatemala and Honduras with a combined capacity of 690,000 t/y. CAG also controls Intupersa, an ERW tubes and pipes mill with downstream wire and mesh operations.	SBB 27-Feb-09
Intupersa		ERW					
Sidegua - Siderúrgica de Guatemala SA	500						
	(500)	EF CC (billet)					
Industria Galvanizadora SA (Subsidiary of Ternium)					P		
Villa Nueva							
	(125)	HGL x 2					
Tubac SA (Subsidiary of Duferco)					P		
	(70)	ERW x 2					

Country: **OTHERS (8)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
PANAMA							
Acero Panama SA (Acepa)							
El Dorado, Panama							
	(90)	STR x 2					
PARAGUAY							
Acepar (Aceros del Paraguay SA)					P		
Villa Hayes	180					The Paraguayan government has decided to renationalize domestic integrated longs producer Acepar to control the assets for eventual sale. According to the local authorities, Acepar must be gradually renationalized, and after that an auction would be held to re-sell the mill's assets for a "fair value." A decree issued in 1997 handed control of the mill to an Argentinean company for USD 35m.	SBB 11-Nov-09
	(190)	BF (Charcoal) x 2					
	(180)	LD x 2					
		CC (billet) x 2					
	(150)	STR					
Aceros Industrializados SA (Acerin)							
Villeta						Paraguayan rebar re-roller Aceros Industrializados (Acerin) has recently begun rolling billet for Acepar, the country's sole steelmaker. Acerin had been shut for several years, but was restarted at the request of the regional government in 2008 when Paraguay was facing a rebar shortage. At the time, Paraguay's demand stood at 6,000 tpm, well above Acerin's overall capacity to produce 3,500-4,000 tpm of rebar.	AMM 07-Apr-09
	(48)	STR					

Country: **OTHERS (9)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
PUERTO RICO							
INSID (Industrial Siderúrgica Inc)							
Bavamon	110						
	(110)	EF x 2					
		CC					
		STR					
TRINIDAD TOBAGO							
ArcelorMittal Point Lisas Ltd					P		
Point Lisas Industrial Estate	1000						
	(2700)	DR (MIDREX) x 3					
	(1000)	EF x 2					
		LF x 2					
	(1000)	CC (billet) x 2					
	(700)	WR					
Central Trinidad Steel Ltd (Centrin)					P		
Point Lisa Industrial Estate							
	(120)	STR					

Country: **OTHERS (10)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Essar Steel Caribbean Ltd					P		
Integrated steel mill project in Point Lisas			(2500)	(Unlikely)	2010	Essar Steel Caribbean plans to break ground shortly on its new steelworks in Trinidad. The 2.5m tonnes per year flat rolled mill has received all necessary approvals, despite protests by environmentalists and citizens who live close to the mill site in Point Lisas. National Energy Corp, coordinator of the USD 1.7bn project, is expected to announce the groundbreaking date in the near future, says a spokesman at the Trinidad prime minister's office. Land preparation has been completed for the Essar investment, which will employ 1,600 when it starts production of hot rolled coil for the automotive and pipe and tube industries. Work is already underway on a USD 105m state-owned port that will be used by the mill. The industrial port is expected to be completed by the end of 2009 and the first phase of the mill is expected to be commissioned in 2010.	SBB 23-Apr-08
			(2500)	Steelmkg			
Nu-Iron Unlimited (Nucor)					P		
Point Lisas	(1800)	DR (MIDREX)					
The Circored HBI plant (formerly Cliffs & Associates)					P		
Point Lisas	(600)	DR				The Circored HBI plant in Trinidad, now owned by Mittal Steel, has restarted HBI production in June 2005 for internal usage at Mittal Steel USA's Georgetown plant. The plant's potential capacity since its restart is understood to be around 1 million tpy and its likely productive capacity is foreseen at 600,000 tpy. The Circored plant was originally owned by US company Cleveland-Cliffs and Lurgi and experienced technical problems which led it to be offered for sale around six years ago.	AMM 20-Jun-05

Country: **OTHERS (11)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
URUGUAY								
Gerdau Laisa SA						P		
	Montevideo	100						
		(100)	EF x 2					
			CC (billet)					
		(80)	STR					

MIDDLE EAST

Unit : thousand tonnes per year

Country	Nominal capacity							Crude steel production	Apparent consumption
	Exist	Increase to 2012			Capacity in 2012				
	2009	Firm	Possible	Unlikely	Mean	Low	High	2009	2008
IRAN	15 000	5 920	10 950	28 770	26 395	20 920	31 870	10 908	15 813
IRAQ	728	1 200	0	3 150	1 928	1 928	1 928	n.a.	n.a.
JORDAN	515	120	0	0	635	635	635	150	1 776
QATAR	1 470	650	0	4 000	2 120	2 120	2 120	1 448	1 506
SAUDI ARABIA	7 420	4 950	850	3 910	12 795	12 370	13 220	4 690	10 341
SYRIA	70	1 768	0	1 325	1 838	1 838	1 838	70	2 245
UNITED ARAB EMIRATES	1 919	2 800	0	0	4 719	4 719	4 719	90	14 507
OTHERS	930	3 450	150	6 100	4 455	4 380	4 530	300	5 117
TOTAL	**28 052**	**20 858**	**11 950**	**47 255**	**54 885**	**48 910**	**60 860**	**17 656**	**51 305**

Note : Apparent consumption is in terms of crude steel.

Source : Capacity − OECD secretariat. Production and apparent consumption − worldsteel.

Country: **IRAN**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Ahwaz Pipe Mills					S		
Karoun Industrial Region, Ahwaz				(Unlikely)		Ahwaz Pipe Mills (APM), the 700,000 tpy oil and gas pipe maker in Iran, has formed a joint venture with Europipe to install a new 400,000 tpy large diameter mill to feed the South Pars gas project. The joint venture, Ahwaz Pars Pipe Mill Co, is owned 65 percent by APM and 35 percent by the European company, which is itself owned half by platemaker Dillinger and half by Salzgitter. The mill is to start up some time in 2007. The new company was registered in August 2005. The three roll bend, submerged arc welded pipe mill will have a size range of 26-56in dia in wall thickness up to 1.25in and a three layer external coating capability.	MB 29-Nov-05
	(180)	ERW x 2	(400)	SAW			
	(524)	SAW					
Ahwaz Rolling & Pipe Mills Co (Arpco)					S/P		
Ahwaz						The Iranian government is going to take back control of Ahwaz Rolling & Pipe Mills Company (Arpco), a strip and pipe producer, from private management, according to local news agency reports. It is quoted Masoud Samieinejad, deputy mines and industries minister, as saying that this company will be supported by the government and a new manager will be appointed by the ministry. Private investors own 55% of Arpco and 45% belongs to the state mines and metal holding company Imidro. Nejad said the position of the private shareholders has not been decided yet.	SBB 14-Dec-09
	(600)	Hot					
	(25)	HGL					
	(80)	ERW x 2					

Country: **IRAN (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Amir Kabir Steel Co					P		
Rasht Industrial city			(350)	(Unlikely)		Amir Kabir Steel, a privately-owned rolling mill in northern Iran, is considering bids from equipment suppliers for the construction of a 350,000 tpy billet meltshop. The company has received bids from several plantmakers, including STS of Italy. A feasibility study of the project was launched in September 2007 and a contract is to be signed soon. Construction is to be completed 29 months after the contract becomes effective. The meltshop will comprise one 50-tonne electric arc furnace, a 50-tonne ladle furnace, a four-strand continuous caster, a de-dusting system, an alloy charging system and an oxygen plant, among other items.	MB 19-May-08
	(400)	STR	(350)	EF LF CC			
Ardebil Steel					P		
Ardebil						Ardebil Steel will start up a billet plant in Iran by March 2008, if the Iranian authorities it with electricity. The 500,000 tpy meltshop will be fed with scrap or direct reduction iron. Civil work is already finished and overall the project is about 80 percent complete. The electric arc furnaces and transformers, as well as ladle furnace and continuous caster, have already been installed and other machinery is being shipped to Iran.	MB 16-Oct-07
	(500)	EF x 2					
	(500)	CC (billet)					
	(500)	STR					

Country: **IRAN (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Arfa Iron & Steel Company					S		
Ardakan city, Yazd province			800	(Firm)	2011	Arfa will commission its 800,000 tpy steelmaking plant in March 2011. Building work on the ironmaking and steelmaking facilities is 57% and 48% complete respectively. The project will comprise one 800,000 tpy Midrex direct reduced iron (DRI) plant and one 800,000 tpy steelmaking plant. Iranian companies Iritek and Irasco are in charge of building the DRI plant, working under two contracts valued at IRR 470 billion (USD 47 million) and EUR 58 million (USD 84 million) respectively. China's MCC – working under a contract valued at EUR 132 million – is in charge of building the steelmaking plant, making this the first state-owned steelmaking project to be built by Chinese contractors. The project is located in Ardakan city, Yazd province in central Iran, and is close to the Ardakan Pelletizing plant.	MB 13-Jan-10
				(800) DR (MIDREX)			
				(800) EF			
				(800) CC (billet)			

Country: **IRAN (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Arian Steel Co					P		
Eshtehard			300	(Firm)	2010	Iranian steelmaker Arian Steel plans to commission three projects next year giving it an extra 1.08 million tpy of rolling capacity and an extra 300,000 tpy of steelmaking capacity. Two rolling mills, which will have design capacities of 780,000 tpy and 300,000 tpy, will produce debar and plain round bars 10-32mm. The company is also constructing a 300,000 tpy meltshop. It will include an electric arc furnace, a ladle furnace, an ingot casting machine capable of casting ingots of 90x90x200 cm and a continuous casting machine capable of producing billet 150x150 mm, according to the company. The projects, for which Arian Steel has secured a combined investment of around IRR 2 trillion (USD 200 million), are expected to be commissioned in May 2010. Arian Steel is located 120 km south-west of Tehran, has a semi-heavy rolling line of 520,000 tpy capacity, commissioned in mid-2005 and capable of producing beams, angles and light rails.	MB 24-Aug-09
	(520)	STR	(300)	EF			
				LF			
				CC (billet)			
			(1080)	STR x 2			

Country: **IRAN (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Asia Iron Melting Co					P		
Tehran			80	(Firm) (80) IF x 2 (80) CC (billet)	2010	Yazd Saman Steel and Asia Iron Melting Co are in the final stages of building two new meltshops set to come on stream in the next two to three months. Both meltshops will use induction furnace technology and produce billet sizes 100x100mm-130x130mm and 6-12 metres long. Yazd Saman Steel's melt shop will be equipped with two 12-tonne capacity induction furnaces and a two-strand continuous casting machine. It will have a 90,000 tpy billet capacity. The Asia Iron Melting Co will operate two 10-tonne capacity induction furnaces and a two-strand continuous casting machine. It will have an 80,000 tpy billet capacity. Both companies are in the private sector and belong to the group that owns Kerman Steel & Rolling, which operates a 400,000 tpy rolling mill complex in Kerman city, southeast Iran. Yazd Saman Steel is located in Yaza province, central Iran, while the Asia Iron Melting Co is 55km east of Tehran.	MB 30-Dec-09
Avangan Co					P		
Arak	(100)	STR					
Azarbayjan Steel Co					S		
Miyaneh	(550)	STR	800	(Possible) (800) DR (800) EF (450) STR	2010-2011	Azarbayjan Steel is constructing a steel plant with a capacity of 800,000 tpy. The company also plans to expand its rolling capacity to 1 million tpy within a year.	ISWW NET MB 14-Aug-09

Country: **IRAN (6)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Bafgh Steel					S		
Bafgh city, Yazd province			800	(Possible)	2010-12	Iran's Bafgh Steel will become operational within the next two years, according to its project manager. Bafgh Steel is one of eight state-owned provincial steel plants – each one with a 1 million tpy capacity – under construction, and is located close to Bafgh city, Yazd province, a region containing a plethora of iron ore mines, including Chador Malu and Iran Central Iron Ore. Bafgh Steel comprises a 1 million tpy direct reduction iron making plant and a steelmaking plant.	MB 07-Nov-08 NET
			(1000)	DR			
			(800)	EF			
			(800)	CC (billet)			

Country: **IRAN (7)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Baft Steel					S		
Billet plant project in Kerman			800	(Possible)	2010-2012	A ceremony in Baft marked the start of construction of Baft Steel, one of eight direct reduced iron-fed mini-mills NISCO has committed to build by 2010. The company will have a billet capacity of 800,000 tpy and is one of the eight steel projects that the Iranian government is promoting to develop economically backward areas of the country. It had originally been planned to build the plant in Sirjan, but it was relocated because of the existence of the Sirjan Steel Project. An investment of IRR 3,500 billion (USD 375 million) will be allocated to the Baft project and 1.25 billion tpy of pellet will be supplied by Gol-e-Gohar Iron Ore Co. The feasibility studies have already been completed and infrastructure is under construction. Baft Steel's capacity will be capable of being lifted to 2 million tpy. The government has already sent five of the eight provincial steel projects to the Central Bank of Iran to be allocated hard currency. The Sirjan Steel project was first studied in 2002, when it was known as Samangan Steel Industries. 600 hectares of land close to Gol-e-Gohar has been dedicated to the plant, of which 54 hectares will be covered. The 1 million tpy billet project will require an investment of EUR 350 million and will be completed within 40 months. Kerman Development & Prosperity Co, a semi-government body that recently took over the project after SSI failed to raise sufficient finance, has requested the government to ensure it has a supply of iron ore for its DRI plant.	MB 02-Nov-07 NET
				DR			
			(800)	EF			
			(800)	CC (billet)			

Country: **IRAN (8)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Bisoton Steel Complex					P		
Kermanshah			400	(Possible) DR (SLRN) EF x 2 CC (billet)	2012	Iran's Bisoton Steel Complex will build a new 400,000 tpy meltshop, set to come on stream by the end of 2012. The meltshop will be built in two phases, with each phase comprising 200,000 tpy billet capacity. Around IRR 930 billion (USD 93 million) will be invested in the first phase, which will create 500 jobs once completed. Suppliers of foreign equipment have already been selected, while private-sector investors are in negotiations with local banks to secure credit. The plant will be built on a 40-hectare site close to Kermanshah City, west of Iran. The Bisoton Steel Complex is a sister company of neighbouring West Jahan Steel, a privately-owned 500,000 tpy rolling mill capable of producing I-beam, U-beam and angles. West Jahan Steel will be fed with Bisoton Steel's billet once it comes on stream.	MB 15-Feb-10
Boyerahmad Steel					P		
Yasouj city	120 (120)< (120)	IF x 2 LF CC (billet)	(120) (300) (120) (240)	(Unlikely) DR Steelmkg Rolling		Boyerahmad Steel intends to double its capacity to 240,000 tpy by installing further equipment. It is also studying the feasibility of setting up a rolling mill with 240,000 tpy capacity and a direct reduced iron (DRI) module with capacity of 300,000 tpy.	MB 29-Jul-08

Country: **IRAN (9)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Chaharmahal Bakhtiari Auto Sheet Co					S		
Shahrekord				(Firm)	2010(HGL)	Iran-based Chaharmahal Bakhtiari Auto Sheet Co. will start commercial production in March 2010 at its new galvanized sheet producing facility. The facility is in its cold commissioning phase at present and is due to commence its hot commissioning phase in February. The company also plans to commission an 800,000 tpy cold rolling mill and is examining the feasibility of establishing an 800,000 tpy hot strip mill. The country's largest automaker, Iran Khodro, has a 23% stake in the plant, while Saipa, the country's second-largest automaker has 22% share. The state mines and mining organisation Imidro holds 45% and a pension fund for steel industry employees holds the remainder.	NET MB 10-Nov-09 MB 07-May-09
			(400)	HGL			
			(800)	Hot			
			(800)	Cold			
Chaharmahal-va-Bakhtiari steel plant project							
Shahrekord			800	(Possible)	2011	Iran's Chaharmahal va Bakhtiari's direct reduced iron plant is 42% complete. The project, which will have a 1 million tpy of slab capacity, will comprise two steel and iron making plants and both of which are under construction.	MB 19-May-09 NET
				DR			
			(800)	EF			
			(800)	CC (slab)			
Esfahan Steel Co (NISCO Group)					S		
Esfahan	3600		(1400)	(Unlikely)		Esfahan Steel commissioned its third blast furnace on 23 July 2009. The blast furnace has a capacity of 1.4 million tpy and is expected to raise total Iranian crude steel production by 10%. The project was completed at a cost of IRR 1.27 trillion Rials [USD 127 million] and USD 98 million of foreign investments. As part of the same development project Esfahan plans to construct a fourth 1.4 million tpy blast furnace and up its finished products capacity to 5 million tpy.	MB 29-Jul-09 MB 18-Feb-09 MB 14-Jan-09 SBB 22-Sep-09
	(600)	DR	(1400)	BF			
	(3600)	BF x 3	(1400)	Steelmkg			
	(3600)	LD x 3					
		CC x 8					
	(2530)	STR x 4					

Country: **IRAN (10)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Essar Pars Steel Co							
Mines and Metals Special Economic Zone			(1400)	(Unlikely)	2009	Essar Pars Steel Co, an Iranian Joint venture majority owned by the Indian steelmaker hopes to start building a 3 million tpy direct reduced iron plant and a 1.4 million tpy billet making mini-mill in Iran as early as 2007. The project will be located in the Mines and Metals Special Economic Zone, near Bandar Abbas. Over two phases Essar Pars plans to build iron and steel complex with total capacity of 6 million tpy of DRI and 4 million tpy of crude steel. But this will not be commissioned until at least 2012. The first phase, scheduled for commissioning by 2009, 30 months after financial closure, will consist of two 1.5 million tpy DRI mega-modules and a 1.4 million steel meltshop made up of one 150-tonne electric arc furnaces and a 6 strand caster for billet. There will no rolling mills set up in the first phase, which is expected to cost about USD 900 million.	MB 07-Dec-07 MB 26-Sep-06
			(3000)	DR x 2			
			(1400)	EF			
			(1400)	CC (billet)			
Farokhshahr Steel Industry Co (FSI)					P		
Shahr-e-kord						Farokhshahr Steel Industry Co, a newcomer to the Iranian steel sector, started operation of its tinning line in 2005. This is the first private tinning line in Iran and it has a 150,000 tpy capacity for strip in widths of 820-1,100mm and thicknesses of 0.15-0.5mm.	
	(150)	Tin plate					
Ferro Gilan Complex					P		
Rasht City							
	(2000)	Hot					
	(500)	Cold					
	(350)	HGL					

Country: **IRAN (11)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Semnan Rolling & Tube Mills							
	(500)	ERW					
	(250)	HGL					
Foolad Alborz Co (Alborz Steel)							
near Takestan city							MB 05-Aug-09
	(600)	STR					
Gambron Steel							
Bandar Abbas			(2000)	(Unlikely)	2010(STR)	Iran's Gambron Steel will complete its new bar rolling mill by February 2010. The rolling mill will have a 500,000 tpy capacity and be capable of producing several products, including debar, plain round bar and angles. Around IRR 400 billion (USD 40 million) has been invested in the project so far, with a further investment of IRR 200 billion to be made. Gambron Steel is also planning the construction of a steelmaking plant. Feasibility studies for setting up a steel plant with three blast furnaces and a capacity of 2 million tpy crude steel have been completed. Gambron Steel is located on a 300-hectare site close to Bandar Abbas.	MB 05-Aug-09
			(2000)	BF x 3			
			(2000)	LD			
			(500)	STR			

Country: **IRAN (12)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Gol-e-Gohar									
	Steel mill project (Kerman province)			(1600) (1600) (1600)	(Unlikely) DR (MIDREX) EF x 2		2013	Iranian iron ore miner Gol-e-Gohar plans to build a steel plant with a 1.6 million tpy crude steel capacity that will produce billets. The project will comprise a Midrex direct reduced iron module with a 1.6 million tpy capacity and two steelmaking plants [electric arc furnaces], each one with a 800,000 tpy capacity. Feasibility studies for the project are complete, and Gol-e-Gohar is already evaluating with consultancy companies. Preparation of tender documents, tender announcement and determining the contractor by project authorities is scheduled to take an estimated six months, and work is scheduled to start later in 2009. The entire project is to be constructed within 36 months, and investment into the project will total EUR 200 million, along with IRR 4.8-5.3 trillion (USD 490-542 million). The plant will be constructed on 440 hectares of land 3 km from the Gol-e-Gohar deposit, in southwestern Iran's Kerman province, which will feed the Midrex plant 2.5 million tpy of pellet from its pelletising plant.	MB 16-Jun-09 NET

Country: **IRAN (13)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Hormozgan Steel					S		
Bandar Abbas			1500	(Firm)	2010	Iran's Hormozgan Steel is preparing to start production on its recently-commissioned second direct reduced iron ore plant, according to the company's project administrator Alireza Khayat. The company has already installed the steelmaking plant's equipment and aims to commission the steelmaking plant by the end of this year [March 2010] and start steel production in June 2010. Hormozgan Steel has two Midrex direct reduction iron modules, each with an 825,000 tpy capacity. The first DRI module was commissioned in March 2009. Its steelmaking plant will have a 1.5 million tpy capacity of slab 200-250mm thick, 900-2,000mm wide and 6,000-12,000mm in length.	MB 03-Nov-09 MB 10-Sep-09 MB 30-Jul-09 SBB 28-Apr-10
	(1650)	DR (MIDREX) x 2	(1500)	EF x 2 LF x 2			
			(1500)	CC (slab)			

Country: **IRAN (14)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Iran Alloy Steel Co (NISCO Group)					S		
Mini-mill project in Yazd			650	(Possible) (650) EF LF (650) CC (billet) (525) SMLS	2012	Iran Alloy Steel Co (Iasco) signed an engineering and procurement contract with the local MTS consortium on 9 March 2009 for the construction of a mini-mill. The contract has been valued at EUR 85 million, with around 90% to be financed by the Bank of Iran. The new mini-mill will include a 100-tonne electric arc furnace, a 100-tonne ladle furnace and a five-strand continuous caster capable of producing billet sizes 130x130mm to 180x180mm. The project is already 10% complete and the new plant will be built within 33 months of establishing a letter of credit, which Iasco is set to obtain within the next few months. About EUR 47 million will be spent on foreign equipment, while EUR 37 million will be spent locally. Iasco will reach capacity of 1.1 million tpy of alloy steel once the new mini-mill comes on stream and other development projects at its existing plant reach fruition. The company also aims to build a seamless tube manufacturing plant next to the mini-mill, which “will be fed by billet produced by the mini-mill.	MB 17-Mar-09 SBB 26-Jan-10

Country: **IRAN (15)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
	Yazd	200	(special steel) (200) EF x 2 LF x 2 CC (bloom) BLM BTM STR x 2	250	(Firm) (special steel) (250) EF LF CC (billet)		2010	Iran Alloy Steel Co (Iasco) has signed an engineering, procurement and construction contract with a consortium of Iranian firms including Mila Sazeh Co and Tamkar Industrial Group that will more than double its alloy steel capacity to 450,000 tpy. The project comprises a third 40-tonne electric arc furnace, a 40-tonne ladle furnace, a degassing plant and a 4-strand continuous caster for the production of 130-180 mm sq billet, as well as the upgrading of other utilities. Iasco expects to produce 220,000 tonnes of alloy steel bars in the year to 20 March, 10 percent more than its normal capacity. The project will take just under 30 months The first 24 months will be spent constructing the plant, with the remaining time spent on cold and hot running tests. When the project is complete Iasco's liquid alloy steel capacity will be 450,000 tpy and its finished alloy steel capacity will be 360,000 tpy. The company has a separate project to build a 650,000 tpy capacity carbon steel mini-mill.	MB 05-Mar-08

Country: **IRAN (16)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Iran National Steel Industrial Group - INSIG					P		
Ahwaz	630					The Iran National Steel Industrial Group (Insig) expects to produce between 220,000 and 250,000 tonnes of crude steel by the end of the current Iranian year (20 March 2009). Prior to setting up a new meltshop, Insig produced about 100,000-120,000 tpy of crude steel with two old electric arc furnaces (EAF), each one with a 60-tonne capacity. The new meltshop has a capacity of around 450,000 tpy and comprises one eccentric bottom tap electric furnace with a 60-tonne capacity, one ladle furnace with a 60-tonne capacity, and a four-strand continuous-casting machine. The new meltshop can be fed with a combination of sponge iron and scrap and is capable of producing billet sizes 100x100mm up to 160x160mm. There are further development plans for setting up a direct reduced iron plant and renovating its two old EAFs in the future. Insig was one of the first Iranian rolling mills and is located on a 90-hectare site near to Ahwaz city, southeast Iran. It has a rolling capacity of 1.5 million tpy, along with a capacity of 450,000 tpy for crude steel. The neighbouring steel plant, owned by Khouzestan Steel, will supply part of Insig's billet requirement, with the rest sourced from other suppliers or imported. Insig was privatised in May 2009, with the government selling its stake for IRR 930 billion (USD 93 million).	MB 06-Jul-09 MB 29-Sep-08
	(630)	EF					
		LF					
		CC (billet)					
	(1410)	STR x 6					
	(120)	SMLS					
Iran Spiral Co					P		
Isfahan			(400)	(Unlikely)		Iran Spiral Co plans to install a 1m tpy DRI plant in Isfahan. A complete melt shop and billet caster mill will also be installed adjacent to the Isfahan works to produce billet with a production capacity of 400,000 tpy.	ISWW
	(120)	SAW x 2	(1000)	DR			
			(400)	EF			
			(400)	CC (billet)			

Country: **IRAN (17)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Iranian Ghadir Iron & Steel Co (IGISCO)							
Ardakan city, Yazd province				(Firm)	2010	Iranian Ghadir Iron & Steel will complete its 800,000 tpy Midrex direct reduced iron (DRI) module within the next three to four months. It will be fed with iron ore pellet from the neighbouring Ardakan pelletizing plant, which is owned by Iranian Ghadir shareholder Chador Malu Mining & Industrial Co. The plant's output will be sold to the Iran Alloy Steel Co, another stakeholder in Iranian Ghadir, and several other steelmakers currently under construction in the region. Iranian Ghadir is located on an 86-hectare site close to Ardakan city in Yazd province, central Iran. Ghadir Investment Co holds a 40% stake in Iranian Ghadir, while Chador Malu and Iran Alloy Steel hold 25% stakes each. The states mines and mining organisation, Imidro, holds the remaining 10%.	MB 15-Jan-10
			(800)	DR (MIDREX)			
Isfahan Alloy Steel Complex (IASC)					S		
Esfahan	30						
		(special steel)					
	(30)	EF					
	(30)	STR					
		Cold					

Country: **IRAN (18)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Jafari Industrial Group					P		
Jafari Alloy Steel Plant			450	(Firm)	2009-2010	Iran's Jafari Steel Group said construction work on its Jafari alloy steel plant has entered the final stages. The 450,000 tpy capacity mini-mill will be commissioned within the next two months, the Jafari Steel Group said. Located in western Iran, the new mini-mill comprises an EAF-based meltshop and a long products rolling mill. In the meantime, the Jafari Steel Group is also installing four 25-tonne induction furnaces at its existing plant, Malayer Alloy Steel. Malayer Alloy Steel currently has a 100,000 tpy crude steel capacity, which will rise to 300,000 tpy once the four induction furnaces come on stream. At another nearby site, the group is installing three 33-tonne induction furnaces, which will push output to 200,000 tpy crude steel. All of these projects will come on stream by the end of 2009 or during 2010.	MB 05-May-09
			(450)	EF STR			
Malayer Alloy Steel	100		300	(Firm)	2010	Iran's Malayer Alloy Steel will commission two 33-tonne induction furnaces in two months. The two induction furnaces will produce about 1,000 tonnes of billet sizes 100x100mm, 120x120mm and 150x150mm per day. The project will employ around 200 people and about IRR 600 billion (USD 60 million) has been invested in it. Located near Malayer city in Hamedan province, west Iran, the company is already operating one 25-tonne induction furnace with a 100,000 tpy capacity. Malayer Alloy Steel will reach its nominal capacity of 400,000 tpy once the two new induction furnaces come on stream. The company is a member of Jafari Industrial Group, which comprises several rolling mills and melt shops.	MB 24-May-10
	(100)	IF STR WR	(300)	IF x 2			

Country: **IRAN (19)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Jonob Steel					P		
Bandar Abbas	200					Jonob Steel Complex is 51-percent owned by Iranian entrepreneur Donyanoor. The rest of the company is owned by Indian businessmen Shiraz Sabanali Jeena (who has a 40-percent stake) and Hasnain Salim Virani (9 percent).	
	(200)	IF x 4					
	(200)	BTM					
Kalup Co					P		
Kaveh Industrial City, Saveh							
	(240)	ERW					
Kashan Rolling and Galvanizing Complex (formerly Fajr Sepahan Galvanizing Industries)							
Kashan				(Unlikely)		Kashan Amir Kabir Steel (formerly known as Fajr Sepahan Galvanizing Company) expects to complete construction on its pickling line in February 2010. The pickling line will have a design capacity of 300,000 tpy and will be completed at a cost of around IRR 100 billion (USD 10 million). Kashan Amir Kabir Steel specializes in cold rolled and galvanized steel products. Its galvanizing line has a capacity of 100,000 tpy while its cold rolling mill has a capacity of 250,000 tpy. The company also plans to build a hot rolling mill of 1.6 million tpy capacity, implemented through two phases of 800,000 tpy capacity, another galvanizing line of 250,000 tpy capacity and a pre-painted galvanizing line of 100,000 tpy capacity, although these projects are still at the developmental stage, the company said.	MB 10-Aug-09
	(250)	Cold	(1600)	Hot x 2			
	(100)	HGL	(250)	HGL			
			(100)	Ptg			
Kavian Steel Co (Ferro Gilan Group)					P		
Ahwaz							
	(840)	Plate					

Country: **IRAN (20)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Kavir Steel Complex					P		
Aran and Bidgol city			(300)	(Unlikely)		Kavir Steel Complex is to construct two new rolling mills able to produce 550,000 tpy of debar and 300,000 tpy of sections. The company also has a development plan for setting up a meltshop and continuous casting machine with capacity of 300,000 tpy.	MB 15-Apr-09 MB 08-Apr-08
	(350)	STR	(300)	Steelmkg			
	(150)	WR		CC			
			(850)	STR x 2			
Kerman Steel Industries					S/P		
near Kerman city			(300)	(Unlikely)		Iran's Kerman Steel Industries intends to set up a meltshop and continuous caster with a capacity of 300,000 tpy. "The meltshop should be built within a maximum of 24 months after the start date. The project will begin once finances have been fully sourced and proposals from foreign suppliers have been received," said Kerman Steel. Located in southeast Iran, Kerman Steel was established in 1990. It currently produces debar and plain round bar diameter 8-32 mm by rolling billet 125x125 mm and 150x150 mm with capacity of 150,000 tpy. In line of Iran's policy for privatisation of state-owned companies, 51% of Kerman Steel's was transferred to its employee co-operative in January, with a 24.5% stake belonging to Ghadir Investment and another 24.5% stake belonging to Omid Investment, both of which are under government auspices.	MB 05-Jan-10 MB 27-Jun-08
	(150)	STR	(300)	IF			

Country: **IRAN (21)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Kermanshah Steel (Navard Foolad Kermanshah Co)					P		
Kermanshah city			(400)	(Unlikely)	2013	Iranian rebar producer Kermanshah Steel is going to install a 400,000 tonnes/year steel plant. According to Behrooz Soleymani, chairman of the company's board of directors, the project is based on a blast furnace. The current rolling capacity of the company is 150,000 t/y using billet from other Iranian steel producers or imported material. He estimates that about IRR 2,940bn (USD 294m) of investment would be required to complete this project, and part of it is financed by Bank Melli Iran, a domestic bank. Kermanshah Steel is located near Iraqi border and a part of the company's production is exported to Iraq. This is Iran's first investment by a private sector company in blast furnace ironmaking, and will use local iron ore from the Khosro Abad mine in western Iran.	SBB 17-Mar-10 MB 19-Mar-10 MB 20-Jul-09
	(150)	STR	(400)	BF			
			(400)	LD			
			(400)	STR			

Country: **IRAN (22)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Khorasan Steel Complex (NISCO Group)					S		
Neyshabur	650		950	(Firm)	2010-2012	Iran's Khorasan Steel will commission its second DRI module in September 2010, according to the company's md Latif Dasht Bozorgi. The Midrex module has capacity of 800,000 tpy and will cost around IRR 1.38 trillion (USD 131 million). Khorasan Steel brought its first 800,000 tpy DRI module online in January 2010. Khorasan is also constructing a new 800,000 tpy meltshop as well as upgrading its existing steel plant to 800,000 tpy from 650,000 tpy. During the current Iranian year Khorasan Steel plans to produce 750,000 tonnes of DRI from its first DR module and 200,000 tonnes from the second module when it is commissioned. It will produce 600,000 tonnes of crude steel and 640,000 tonnes of debar. Khorasan Steel is located on a 1,400-hectare site near Neyshabour city in Khorasan Razavi province , northeast Iran. About 800 people are employed by the company, a figure that is set to rise to 1,500 once its development projects are complete.	MB 07-Jun-10 MB 25-Jan-10 MB 13-Oct-09 MB 04-Aug-09 MB 28-Apr-09
	(800)	DR (MIDREX)	(800)	DR (MIDREX)			
	(650)	EF	(950)	EF			
		LF	(950)	CC (billet)			
	(650)	CC (billet)					
	(550)	STR					

Country: **IRAN (23)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Khouzestan Oxin Steel Co					S		
Ahwaz			(1000)	(Unlikely)		Iranian President Mahmood Ahmadinejad has formally inaugurated wide plate rolling mill Khouzestan Oxin Steel, which will have a 1.05 million tpy capacity. The inauguration occurred on 23 May 2009, but the mill's equipment had already undergone cold and hot commissioning. Khouzestan Oxin can roll plates in 1,100-4,500mm widths, in 5-150mm gauges and 2.5-24m lengths. It can also roll plate in API grades for large-diameter pipes for oil and gas industries, pressure vessels, shipbuilding and other industries. Khouzestan Oxin Steel is near Khouzestan Steel and close to Ahwaz in southwest, Iran near the Persian Gulf. The location could potentially facilitate slab imports and export of its finished product. Khouzestan Oxin Steel also plans to build a 1.2 million tpy direct reduced iron (DRI) plant and a 1 million tpy hot end to complete its production chain, but financial restrictions have kept those projects from developing.	MB 02-Jun-09
	(1050)	Plate	(1200)	DR			
			(1000)	Steelmkg			

Country: **IRAN (24)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Khouzestan Steel Co (NISCO Group)					S		
Ahwaz	3200		(1800)	(Unlikely)	2012-2013	Khouzestan Steel is studying several technical and commercial proposals from contractors to build a 1.6 million tpy capacity direct reduced iron (DRI) mega module. A tender to build a continuous-casting machine to produce wide slab has already been awarded. Building work on the DRI mega module will begin in the summer season once contractors have been selected, the company said. The new module and continuous-casting machine are part of a development project to increase Khouzestan's capacity to 5 million tpy semi-finished products – billet, bloom and slab – from 3.2 million tpy. Other parts of the project include the expansion of two pelletizing plants, increasing the capacity of each one to 3.6 million tpy from 2.5 million tpy. Capacity at existing DRI plants will also be expanded through the installation of two new ladle furnaces, a new car dumper unit, the construction of new iron ore storage yards, and several other improvements. Khouzestan Steel is located near Ahwaz city, southeast Iran, and close to the Persian Gulf.	MB 12-Mar-10 MB 03-Nov-09 MB 27-Jul-09
	(2640)	DR (MIDREX) x 5	(1600)	DR			
	(1030)	DR (HYL) x 3	(1800)	Steelmkg			
	(3200)	EF x 6		CC			
		LF x 2					
	(1100)	CC (billet) x 2					
	(550)	CC (bloom)					
	(1350)	CC (slab) x 2					

Country: **IRAN (25)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Khorramshahr steel project			(2000)	(Unlikely)		Khuzestan Steel Company (KSC) is taking control of the stalled Khorramshahr steelworks project near the Iraqi border, and aims to complete it. Construction of the 2m tonnes/year Khorramshahr Steel & Iron project was halted last year for financial reasons. Now the project will be resumed via a joint venture between KSC (51%), Ahvaz Mill & Pipe Co (10%), and Khuzestan province investment company (39%). Khorramshahr Steel & Iron has two stages: a direct reduction plant followed by a steel plant with rebar and flat rolling mills. The investment was estimated initially at about EUR 250m. It is expected to produce 2m tonnes/year of finished products when three phases of development are complete. In the first phase the company will produce 800,000 t/y of hot rolled coil between 0.8mm and 12.7mm thick and up to 1,800mm wide, fed by DRI-based meltshops, according to original plans.	SBB 19-May-09
			(1600)	DR Steelmkg Hot STR			
Kouhpaye Steel Co							
Isfahan							
	(200)	STR					
Mahkar Industrial Co							
Esterhard Industrial Town			(200)	(Unlikely)		Mahkar Industrial Co is now in the process of finding and procuring a continuous casting plant together with a melt shop that can feed its' current production plant of approximately 200,000 tons per year.	ISWW HP
	(200)	STR	(200)	Steelmkg			

Country: **IRAN (26)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Maybod Steel Co						S			
	Yazd			650	(Possible)		2012	Maybod Steel Company, a pig iron producer in Yazd province in the centre of Iran, will increase its output of pig iron by about 100% and start to build a steel plant, according to the Iranian mines and metal industry holding company Imidro. Its pig iron capacity will be increased to 645,000 tonnes/year from its current 300,000 t/y. It will also install a steelmaking plant with capacity of 650,000 t/y capable of producing billets in the range 130-200mm square.	SBB 06-Aug-09 SBB 22-Jul-08 NET
		(300)	BF	(345) (650)	BF Steelmkg				

Country: **IRAN (27)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Mobarakeh Steel Co (NISCO Group)					S		
Esfahan	4200		1200	(Firm)	2010(EF)	Mobarakeh Steel will reach 10 million tpy capacity by the March 2012 with the implementation of its development and upgrade projects, according to md Mohammad Rajaie. Its latest development project was inaugurated on 4 May 2009 by Parviz Davoodi, first vice president of Iran, and Ali-Akbar Mehrabian, the minister of industries and mines. The expansion will add an extra 1.2 million tpy crude steel capacity and take Mobarakeh's overall capacity to 5.4 million tpy crude steel within a year of commissioning. The project is set to be completed within 20 months. Part of the project involves upgrading the transformer capacity of two of its eight 180-tonne electric arc furnaces, as well as increasing the efficiency of the steelmaking plant by adding and upgrading other equipment. The Iranian steelmaker has number of other development projects underway, including the construction of three direct reduction iron modules, with a total capacity of 4.5 million tpy. The company's Shahid Kharazi steelmaking project will deliver an extra 2.2 million tpy crude steel capacity, while it is also constructing another compact strip processing plant that will have a 700,000 tpy capacity. In addition, the company is studying two new expansion projects – a tinning line with capacity of 100,000 tonnes/year and a 300,000 t/y galvanising line in the south of Iran. The company already operates one tinning line and a galvanising line at its works near Esfahan in central Iran.	MB 12-Apr-10 NET 30-Aug-09 MB 05-May-09 SBB 28-Aug-09
	(4000)	DR (MIDREX) x 6	(1200)	EF			
	(4200)	EF x 8	(100)	Tin plate			
		LF x 4	(300)	HGL			
	(4200)	CC (slab) x 4					
	(4200)	Hot					
	(1500)	Cold x 2					
	(100)	Tin plate					
	(200)	HGL					
	(100)	Ptg					

Country: **IRAN (28)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Saba Steel Complex, Esfahan	700		700	(Possible)	2011	Iran's Mobarakeh Steel is building a new DRI module as part of plans to raise the production of hot rolled coil from its Saba plant. Mobarakeh intends to double the capacity of the 700,000 tonnes/year Saba mill over the next 3-4 years, and the new DRI module is part of this plan. Saba produces HRC by the thin slab casting route. The new DRI unit, based on Midrex technology, will have a capacity of 1.5m t/y and is expected to start production by March 2011. The mill was previously owned and operated by Esfahan Steel, but ownership was transferred to Mobarakeh Steel, which unlike Esfahan is focused on flat products.	SBB 10-Nov-09 MB 08-Feb-08
	(700)	EF	(1200)	DR			
	(700)	CC (slab)	(700)	EF			
				LF			
			(700)	CC (slab)			
Shahid Kharazi project			3000	(Possible)	2011	Mobarakeh Steel will start evaluating tenders for a contract to build its Shahid Kharazi development project on 5 June 2010. The tender is composed of two parts, which will be offered separately. The first part entails construction of 3 million tpy capacity melt shop to be equipped with three electric arc furnaces and two metallurgy stations among other facilities. The second part involves building one 2.7 million tpy capacity continuous casting line and rolling mill to produce thin slab, and one continuous rolling mill to produce hot rolled coil.	MB 05-May-09 MB 20-Nov-08 MB 25-May-10 MB 05-May-09 MB 20-Nov-08 MB 27-Mar-08 SBB 23-Dec-09
			(3000)	DR x 2			
			(3000)	EF x 3			
			(2700)	CC (slab)			
			(2700)	Hot			
Natanz Steel							
Natanz	220		850	(Possible)	2010-2011	Natanz Steel's new rolling mill will be formally inaugurated within the next few weeks following its commissioning one month ago. The new mill can produce constructional and alloy steel grades of wire rod diameter 5-16 mm through two 400,000 tpy capacity rolling lines. The company is also building a meltshop that is expected to come on stream within the next year. Natanz Steel is located on a 1,200-hectare site close to Natanz City in central Iran's Esfahan province.	MB 10-Mar-10 MB 14-Jul-08
	(220)	EF x 2	(850)	Steelmkg			
		LF x 2	(800)	WR x 2			
	(220)	CC (billet)					
		STR					

Country: **IRAN (29)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Navard Foulad Gilan					P		
Anzali			(450)	(Unlikely)		Navard Foulad Gilan, a privately-owned rolling mill is to set up a 450,000 tpy capacity meltshop and construct another rolling mill, which will have 300,000 tpy capacity. The meltshop will be fed by scrap and will produce billet 125x125mm which to be rolled by rolling mill. Induction furnace technology will be used, as it requires less power and is cheaper to construct compared with electric arc furnaces. In the meantime, the new rolling mill will produce long products, including plain round bar and reinforcing bar, sizes 8-40mm, angles, u-beam, flat bar, square bar. The expansion and development projects will require an investment of EUR 45 million and IRR 250 billion. Navard Foulad Gilan, which belongs to the Mohammad Alizadeh Rastegar family, already operates a 200,000 tpy capacity rolling mill that produces plain round bar and reinforcing bar diameter 8-32mm.	MB 20-Oct-08
	(200)	STR	(450)	IF			
			(300)	STR			
North West Steel Industriies (NWSI)					P		
east Azerbaijan province				(Unlikely)		Iran's North West Steel Industries (NSWI) is working on the establishment of a letter of credit to finance the construction of an iron and steel plant. In February NWSI signed an engineering, procurement and construction (EPC) contract with Iran's Mine and Metal Technological Engineering Co (MMTC) to set up an 800,000 tpy Midrex direct reduced iron module. Negotiation with other EPC contractors for the supply of an 800,000 tpy steel meltshop are in the final stages and a contract is expected to be signed within the next one to two months. It will feature a 120-tonne electric arc furnace, a ladle furnace of the same size and a single-strand conticaster for a billet.	MB 22-Apr-08
			(800)	DR (MIDREX)			
			(800)	EF			
				LF			
				CC (billet)			

Country: **IRAN (30)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Pars Steel Complex					P		
						Annual capacity 300,000 tonnes	
		Plate					
		STR					
Sadid Industrial Group							
Mahshahr Pipe Mill Co							
	(350)	SAW					
Sadid Pipe & Equipment Co							
	(50)	ERW					
	(250)	SAW x 2					
Safa Industrial Group							
Karun project, Khorramshahr			(9200)	(Unlikely)		Safa Industrial Group has begun to build the Middle East's largest steel plant in the Iranian city of Khorramshahr. The plant, which has been named after the Karun River and is situated near the border with Iraq, will have a design capacity of 9.2 million tpy of crude steel, and produce plate, hot rolled coil, rebar and wire rod, and I-beams. It will be commissioned in two phases between 2006 and 2010. In the first phase Safa will begin producing some hot rolled coil and plate by the end of 2008, before ramping up to full production by the end of 2010. The land, about 27 million sq metres, has already been purchased and the company are installing the infrastructure for the facility.	MB 20-Dec-06
			(9200)	Steelmkg			HP
				Plate			
				Hot			
				STR			
				WR			

Country: **IRAN (31)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Safa Rolling & Pipe Mills			(800)	(Unlikely)		Iran's Safa Rolling & Pipe Mills (SRPM) plans to its capacity by adding a new 400,000 tpy rail and heavy sections rolling mill, a 400,000 tpy medium sections rolling mill and a new 800,000 tpy meltshop. SRPM also plans to construct a second steelmaking plant with capacity of 800,000 tpy of billet, as well as two light rolling mills.	MB 13-Aug-08 NET HP
	(600)	ERW	(800)	EF			
	(1000)	SAW x 2		LF			
				CC (billet)			
			(800)	STR x 2			
SafaToos Pipe & Profile Mills				(Firm)	2010	Safa Toos Rolling & Pipes' new 500,000 tpy capacity rolling milling is 75% complete and will start cold commissioning within four months, according to md Farzin Khoushandi. "We will start cold commissioning in June 2010 and hot commissioning in July," Khoushandi told MB. Safa Toos is also studying whether to build another rolling mill with a 500,000 tpy debar and 150,000 tpy wire rod capacity. It is also conducting feasibility studies into constructing a 1.5 million tpy steelmaking plant to produce billet to feed its rolling mills. Safa Toos is located on a 31-hectare site 45km from Mashhad in north east Iran and has a current capacity of 160,000 tpy, producing spiral pipe for oil, gas and water pipelines. The company is a member of the Safa Industrial Group, the largest producer of pipe and profiles in Iran.	MB 12-Apr-10 MB 09-Jul-08
	(160)	SAW	(500)	STR			
Saveh Rolling & Profile Mills							
	(2000)	ERW					

Country: **IRAN (32)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Samangan Steel Industries							
Sirjan Special Economic Zone			(750)	(Unlikely)		Samangan Steel Industries has recently signed an engineering, procurement and construction contract with Iritec, an Midrex-licenced Iranian engineering company, to set up a Midrex direct reduced iron (DRI) plant with an 820,000 tpy capacity. The DRI plant is the first phase of establishing an integrated steel plant. The second phase of the project will entail construction of a steelmaking plant with a capacity of 750,000 tpy billet.	MB 01-Aug-08 SBB 24-Jan-06
			(820)	DR (MIDREX)			
			(750)	EF			
				LF			
				CC (billet)			
Semnan Hot Rolling Mills					P		
Semnan Industrial City			(1000)	(Unlikely)		A meltshop of 1m tonnes/year, one rolling mill of 235,000 tonnes/year capacity for production of rebar and plain bar, one rolling mill of 235,000 tonnes/year capacity for production of light beams.	ISWW
	(120)	STR	(1000)	Steelmkg			
			(470)	STR x 2			
Sepahan Industrial Group Co							
Isfahan							
	(420)	ERW					
Seven Diamonds Industries							
Qazvin city				(Possible)		Seven Diamonds Industries has a galvanizing mill with an annual capacity of 100,000 tonne. The producer's newly commissioned cold rolling line is capable of producing 0.3mm to 1.5mm cold rolled coils with a capacity of 300,000 tonne per year. The cold rolling line, which was installed in 2007, constitutes the first phase of a two phase plan to achieve an annual cold rolled coil capacity of 800,000 tonne.	NET 25-Jul-09
	(300)	Cold	(500)	Cold			
	(100)	HGL					

Country: **IRAN (33)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Shahrood Steel Co					P		
Shahrood city			300	(Possible)	2010	Iran's Shahrood Steel Co has signed a USD 30 million contract with Siemens VAI Metals Technologies Co for the supply of a 50-tonne electric arc furnace, a 50-tonne ladle furnace, a 3-strand continuous caster and other meltshop equipment. Commissioning is due in the first quarter of 2010.	MB 16-May-08
	(200)	STR	(300)	EF LF CC (billet)			
South Kaveh Steel project							
Bandar Abbas			1200	(Possible)	-2012	Building work on Kish South Kaveh Steel's 1.2 million tpy capacity steelmaking plant in Iran has begun. The company estimates the plant will be completed within three years. It will be equipped with one 170-electric arc furnace, one 170-tonne ladle furnace and a six- or eight-strand continuous caster. The company is also building two 925,000 tpy capacity Midrex direct reduced iron (DRI) modules. Both are 60% physically complete and will be finished in the second half of the next Iranian year (starting March 21). The Kish South Kaveh Steel project is located on a 60-hectare site in the Persian Gulf mining and metal industries special zone. Close to Iran's main port, Bandar Abbas, it is ideally placed for exports. Kaveh Pars Mineral Industries Development – affiliated with the Mostazafan Foundation – holds a 70% stake in Kish South Kaveh Steel, with the remainder held by the state mines and mining organisation Imidro.	MB 24-Dec-09 MB 23-Dec-08
			(1850) (1200) (1200)	DR (MIDREX) x 2 EF CC (billet)			

Country: **IRAN (34)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Tata Steel's Iranian steel project					P		
Persian Gulf Special Economic Zone, Bandar Abbas			(3000)	(Unlikely)		Tata Steel has put its 3 million tpy greenfield steel project in Iran on hold because of political uncertainty. Tata Steel signed a memorandum of understanding (MoU) in 2007 with Persian Gulf Special Economic Zone (PGSEZ) for land and other infrastructural facilities in the special economic zone at Bandar Abbas. PGSEZ is a subsidiary of the Iranian Mines and Mining Industries Development and Renovation Organisation (Imidro), which is controlled by the country's ministry of industry and mines. Under the MoU, Tata had agreed to set up a direct reduced iron-fed steel plant with capacity of 3 million tpy, which could be scaled up to 5 million tpy. The Iranian project was to be 100-percent owned by a Tata Steel subsidiary, while the entire production from the unit was to be made available for export. The project would have had two gas-based DRI units of 1.7 million tpy each. The plant would have three steelmaking units each comprising an electric arc furnace, a ladle furnace and a 1 million tpy 6-strand billet caster.	MB 08-Jan-08
			(3400)	DR x 2			
			(3000)	EF x 3			
				LF x 3			
			(3000)	CC (billet) x 3			

Country: **IRAN (35)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Vian Steel Melting & Casting Co (VISCO)					P		
Hamedan province	550			(Unlikely)		Iran's Vian Steel Complex (Visco), a billet making plant with a 550,000 tpy capacity, formally became operational in May 2009. Visco is now Iran's largest privately-owned mini-mill, capable of producing billet 100x100mm-160x160mm, twelve metres in length, matching EU standards. Located on a 38-hectare site 280km southwest of Tehran, the plant uses technology supplied by Siemens VAI and its subsidiaries, including a 70-tonne electric arc furnace, a 70-tonne ladle furnace, and a four-strand continuous casting machine. Visco also plans to build an 800,000 tpy direct reduced iron plant on a 50-hectacre site, having completed the relevant feasibility studies and secured the necessary licenses. It is also studying plans to add a rolling mill to the plant in order to produce finished products.	MB 05-May-09
	(550)	EF LF	(800)	DR			
	(550)	CC (billet)					

Country: **IRAN (36)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
West Alborz Steel							
near Abhar city in Zanjan province	200			(Firm)	2010	West Alborz Steel is preparing to commission a second induction furnace in May once final tests have been completed. The new furnace will take crude steel capacity at West Alborz Steel to 200,000 tpy. The company produces construction steel and some grades of alloy steel. Its meltshop is currently fed with scrap, although West Alborz Steel is examining the feasibility of setting up a direct reduced iron plant of 550,000 tpy capacity. In the meantime, it is building a 200,000 tpy capacity rolling mill to produce I-beams, U-beams, angles, bar and other sections, and is set to be finished by early 2010. In addition, the construction of two other induction furnaces – which could increase the company's steelmaking capacity to 720,000-750,000 tpy in total – is under consideration. West Alborz Steel's plant is located on an 11-hectare site near Abhar city in Zanjan province, northwest Iran. Its neighbouring 15-hectare site is set aside for its development projects.	MB 29-Apr-09 MB 17-Oct-08
	(200)	IF x 2 LF	(200)	STR			
	(300)	CC (billet)					
West Jahan Steel Complex					P		
Kermanshah						West Jahan Steel Complex Co's (WJSCO) newly-built rolling mill in Iran started commercial production in March 2008. The owners of WJSCO, the Shokri family, have invested IRR 736 billion (USD 80.5 million) into the rolling mill.	MB 20-Mar-08
	(500)	STR					

Country: **IRAN (37)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Yazd Rolling Mill Ltd (Yazd Foulad Manufacturing Group)					P		
Yazd	400						
	(400)	EF					
		LF					
	(400)	CC (billet) x 2					
	(800)	STR x 2					
	(400)	WR					
Yazd Samam Steel					P		
Yaza			90	(Firm)	2010	Yazd Saman Steel and Asia Iron Melting Co are in the final stages of building two new meltshops set to come on stream in the next two to three months. Both meltshops will use induction furnace technology and produce billet sizes 100x100mm-130x130mm and 6-12 metres long. Yazd Saman Steel's melt shop will be equipped with two 12-tonne capacity induction furnaces and a two-strand continuous casting machine. It will have a 90,000 tpy billet capacity. The Asia Iron Melting Co will operate two 10-tonne capacity induction furnaces and a two-strand continuous casting machine. It will have an 80,000 tpy billet capacity. Both companies are in the private sector and belong to the group that owns Kerman Steel & Rolling, which operates a 400,000 tpy rolling mill complex in Kerman city, southeast Iran. Yazd Saman Steel is located in Yaza province, central Iran, while the Asia Iron Melting Co is 55km east of Tehran.	MB 30-Dec-09
			(90)	IF x 2			
			(90)	CC (billet)			

Country: **IRAN (38)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Zagros Steel							
Kordestan province			(300)	(Unlikely)		Iranian state metals and mining group Imidro is going to sell all of its shares in pig iron producer Zagros Steel Co. The shares to be sold equate to 49% of the company's equity; the rest of the company's shares are owned by a pension fund and other investors. Imidro's shares will be sold by tender for a minimum price of IRR 30.03bn (about USD 3m). Zagros Steel is a 70,000 tonnes/year pig iron producer in Kordestan province in the north west of Iran. It is considering expansion of capacity and moving into steel production with a 300,000 t/y oxygen converter shop.	SBB 19-Jan-10
	(70)	BF	(300)	LD			

Country: **IRAQ**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Al Maseera's steel mill project							
Basra			450	(Firm)	2010-2011	Saudi Arabian Astra Industrial Group has finalised the legal procedures to buy 51% of a unit of Jordanian Al Maseera International Co. The company spokesperson says that the unit will be producing rebars in Iraq. In September, Astra had received approval from its shareholders to buy the 51|% holding for SAR 225m (USD 60m), as reported. Astra announced to the Saudi stock exchange that legal procedures are now complete. Al Maseera's plant under construction in Iraq will produce 450,000 tonnes of billets and 350,000 tonnes of rebar. The facility is planned to start commercial production at the end of 2010. Astra Industrial Group has activities in pharmaceutical, chemical, engineering, agricultural and home furnishing industries.	SBB 26-Nov-09 SBB 16-Sep-09
			(450)	Steelmkg			
			(350)	STR			
Al Sumood State Co for Steel Industries					S		
Basra	8		(150)	(Unlikely)		Al Sumood Company, a casting, forging and coating company based in Basra issued a tender for meltshop, rolling mill and associated utilities.	SBB 11-Mar-08
	(8)	EF	(150)	EF			
		LF	(150)	CC (billet)			
			(250)	STR			
Al-Tanmiya Plant for Steel Industries Co (Al-Anmaa Steel)					P		
Umm Qasr, near Basra			400	(Firm)	2010	According to Metal Expert, Al-Tanmiya Plant for Steel Industries has rescheduled the launch of its new mill from December 2009 to June-July 2010. Al-Tanmiya Plant will have a 60-tonne electric arc furnace supplied by VAI Fuchs, a ladle furnace, a 3-strand continuous caster and a Pomini rolling mill.	MB 04-Dec-07 MB 12-Dec-05 NET
			(400)	EF			
				LF			
				CC (billet)			
			(300)	STR			

Country: **IRAQ (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Arbil Steel Co							
Arbil	180					Arbil Steel Co, a 180,000 tpy plant, was commissioned in September 2007 in the Kurdish city of the same name. The plant comprises a meltshop with induction furnaces — it uses Indian technology — and continuous casting, and a rolling mill for 10-32mm rebar, according to Walid Khidder, a ministry of industry official. The plant's owners are Iraqi and Turkish Kurds.	MB 04-Dec-07
	(180)	IF					
	(180)	CC					
	(180)	STR					
ArcelorMittal & Dayen JV					P		
Rebar mini-mill project in Sulaimaniyah			250	(Firm)	2011	ArcelorMittal has signed a memorandum of understanding (MoU) to establish a joint venture with Turkey's Dayen to build a mini-mill in Iraq. The new mill, which will be based on an electric arc furnace and initially able to produce 250,000 tpy of rebar utilising locally-sourced scrap, will be located in Sulaimaniyah in the north of the country, according to ArcelorMittal. USD 100-130 million will be invested in the project, it said. ArcelorMittal and Dayen plan to break ground on the project in the second quarter of 2010, and hope to begin producing from the facility early in the fourth quarter of next year. Production could eventually be ramped up to 500,000 tpy, ArcelorMittal said. Dayen is a Turkish firm active in trading and serving the construction market in northen Iraq.	MB 16-Mar-10 SBB 24-Mar-10 SBB 17-Mar-10 HP
			(250)	EF			
				STR			

Country: **IRAQ (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
G.K.Steels Pvt Ltd (Kanoos Group)							
Erbil, Kurdistan			100	(Firm)	2010	Kanoos Group, an Indian company with operations in Kuwait, is planning to establish a new steel plant in Iraq. It also intends to go into steel production in Kuwait, according to an announcement on its website. The Iraqi plant will be located in Erbil, in the northern Kurdish part of the country. The plants will be based on melting scrap to produce reinforcing bars, the company says. Products would be 8-25mm bars, and total capacity will be 100,000 tonnes/year. The proposed Kuwait plant will be called Gulf Steel Group, and the Erbil plant G.K. Steels.	SBB 01-Sep-08 HP
			(100)	Steelmkg			
			(100)	STR			
Iraqi Steel Co							
Kurdistan region	100					Iraqi Steel Co, which will have a capacity of 100,000 tpy, will start up in early 2008, according to Walid Khidder, a ministry of industry official. The promoter is an Iraqi Kurd. A power plant still needs to be installed on site, after which the steel plant can be commissioned.	MB 04-Dec-07
	(100)	IF					
State Company for Iron & Steel (SCIS)					S		
Kohr Al-Zubair (Basra)	440					The Iraqi ministry of industry has allocated USD 400m for the rehabilitation of the State Company for Iron & Steel (SCIS) based in al-Zubair, in Basra. The production will start in three phases. In the first phase 500,000 t/y of crude steel making and rebar rolling capacity will start in 2010, and will cost USD 100m. In the second phase sponge iron production will increase to 1m t/y and will cost USD 140m in 2011. The rest of the production stages will be completed in the third phase in 2012 and will cost USD 150m.	SBB 17-Sep-09 SBB 01-Dec-09
	(1200)	DR (HYL) x 4					
	(440)	EF x 4					
	(440)	CC (billet) x 2					
	(400)	STR x 2					

Country: **IRAQ (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
New integrated steel mill project in Basra			(3000) (3000) (1200) (1800)	(Unlikely) Steelmkg Hot STR		Korean plant builder STX Heavy Industries has signed a memorandum of understanding with the Iraqi government to build a 3m tonnes/year integrated steelworks in Basrah province, southern Iraq. STX chairman Kang Duk-soo signed the agreement with Iraq's prime minister Nouri Maliki in Baghdad. The works will produce 1.2m tonnes/year each of hot rolled coil and rebar, plus 600,000 t/y of sections. After the USD 3bn project is completed, the works will be managed by State Company for Iron & Steel.	SBB 05-Feb-10 NET
Umm Qasr			(200)	(Firm) SAW		According to the government, the SCIS's pipe division will be based in Umm Qasr and aims to produce 200,000 t/y pipes with 16-48 inches diameters and 16-35.6mm thick. The investment reached the final stage of the construction 95% of which has been completed.	SBB 17-Sep-09

Country: **JORDAN**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Arabian Steel Pipes Manufacturing Co Ltd								
Sahab, Amman								
	(30)	ERW x 2						
General Specialized Steel Manufacturing Co					P			
Muwaggar								
	(200)	STR x 2						
Jordan Iron & Steel Industry Co Ltd								
Zarga-Awaian	75							
	(75)	EF x 2						
		CC						
	(120)	STR x 2						
Jordan Steel Plc					P			
Amman	240		120	(Firm)		2010	Jordan Steel is expecting to complete its billet expansion by the end of 2010, when the company's billet production capacity is projected to reach 360,000 tonnes/year, from the current 240,000 t/y. The company was expecting to finish the project before the 2008 crisis, but project has been delayed. The company has already bought a new 50-tonne melting furnace, which will increase the production by 40% compared to current production. The company says that the rolling capacity is around the same level as company's existing billet casting capacity. With the billet expansion projects, Jordan Steel is planning to either increase its rolling mill capacity or sell the material to export markets, such as Israel, Palestine or Saudi Arabia.	SBB 25-May-10 SBB 20-Jun-08 SBB 07-Apr-08 SBB 21-Jan-08 SBB 14-Sep-07
	(240)	EF	(120)	EF				
	(240)	CC (billet)	(120)	CC (billet)				
	(240)	STR						

Country: **JORDAN (2)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
National Steel Industry Co Ltd								
		(100)	STR					
United Iron & Steel Manufacturing Co (Manaseer Group)								
	Amman	200						
		(200)	EF					
			LF					
		(200)	CC (billet)					
		(100)	STR					

Country: **QATAR**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Al-Watania Steel							
	(120)	STR					
Essar Steel & Qatar Steel JV					S/P		
Integrated steel mill project			(4000)	(Unlikely)		Qatar steel has not yet abandoned plans to start a joint venture steel plant with India's Essar Global. In April 2005 Essar Global, the overseas investment wing of Essar Steel, signed a Memorandum of agreement with Qatar Steel to build a 4 million tpy steel plant in Qatar's Mesaieed Industrial city. The plant was to be supplied by high-grade iron ore pellets from Essar and had a projected cost at the time of USD 1.25 billion. The company are still in the process of a feasibility study for a joint venture with Qatar Steel.	MB 30-Apr-07
			(4000)	Steelmkg			
Hyojong Industrial Co Ltd							
Ras Laffan Industrial City							
	(150)	SAW					

Country: **QATAR (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Qatar Steel Co (QASCO)					S		
Mesaieed	1470		530	(Firm)	2012	One of the biggest Middle Eastern steel producers, Qatar Steel, has signed a deal with plant building company Siemens VAI to expand its melting capacity by 30%. Current electric arc furnace production capacity of Qatar Steel is 1.47m tonnes/year. Commissioning of the new plant will be in the second quarter of 2012, and in the next five years semis production capacity is planned to reach 4m t/y. The company also considers diversification of rolling by producing flats, or increasing its long product rolling capacity. It currently produces billets, deformed bars and wire rod.	SBB 04-Jun-10 HP 02-Jun-10
	(1900)	DR (MIDREX) x 2		EF			
	(1470)	EF x 4		CC (billet)			
	(1847)	CC (billet) x 4					
	(1440)	STR x 2					

Country: **QATAR (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Seashore Steel & Pipe					P		
Doha			120 (Firm)		2009-2010	The Seashore Group is planning to set up Seashore Steel & Pipe company (SSP) in New Industrial Area of Doha, under the Ministry of Industries And Energy of the State of Qatar. This will be the first private steel melting and hot rolling company in Qatar. SSP is planning to manufacture steel billets and re-rolling them into structural & construction steel materials and steel pipes. The Installed capacity of the plant will be 120,000 – 150,000 tons of Steel Billets (approx) per annum. The company plans to commission the project in two stages. In first stage, it is planned to install one 25 tons Induction Furnace, one Ladle Refining Furnace and one Continuous Casting Machine for producing the billets and a Re-rolling mill to manufacture the structural and construction steel. First stage is planned to be completed in eight - ten months. The second stage work will commence from the day the first stage production is delivered. The second stage includes the installation of the pipes production unit. This stage will be commissioned in 12 months.	NET 24-Jan-09
			(120)	IF			
				LF			
			(120)	CC (billet)			
				STR			

Country: **SAUDI ARABIA**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Al Atoun Steel Industries							
Yanbu			(910)	(Unlikely)	2012	Al Atoun Steel Industry's USD 265 million steel plant project at Yanbu is still on hold due to a delay in the facility's fuel allocation. The 1 million tonnes per year plant is still awaiting approval from the Ministry of Petroleum and Mineral Resources despite the fact that steel demand in the kingdom has started to rise. The plant is set to produce 500,000 tonnes per year of steel billets and 500,000 tonne per year of steel rebar, reinforced bars used in the construction industry when completed. The Q2 of 2012 is the completion date for the facility. ASI has been granted a loan of around USD 147 million from the state owned Saudi Industrial Development Fund to help cover the cost of constructing the plant.	GURU 11-Jun-10 SBB 19-Mar-09 HP
			(910)	EF			
			(910)	CC (billet)			
			(500)	STR			
Al Azizia Steel							
Bahrah, Jeddah	450						
	(450)	EF					
		LF					
	(450)	CC (billet)					
	(100)	STR					
Al Jazera Factories for Steel Products Ltd (Jasco)							
Jeddah Industrial Area							
	(260)	ERW x 7					
Al Musairiey Metallic Industries Co							
Riyadh						Manufacture of steel pipes, galvanized, corrugated and black steel sheets.	
	(100)	ERW					

Country: **SAUDI ARABIA (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Al Rajhi Steel (Rajhi Steel)							
Riyadh & Jeddah	850		150	(Firm)	2011	Saudi Arabian long products producer Al-Rajhi Steel is planning to invest SAR 4bn (USD 1.07bn) to increase its capacity to 1.8m tonnes/year of DRI, 1m t/y of billet, 1.7m t/y of rebar, and 200,000 t/y of commercial products such as tubes and pipes. The company has awarded a USD 213 million contract to Danieli to build a 1 million tpy rebar steel plant. The plant will be located in Jeddah, Saudi Arabia, and building work will start at the beginning of 2010, with rebar production scheduled to start by the end of 2011 or early 2012. The company has an existing billet capacity of 850,000 tpy and it will increase to 1 million tpy at a facility in Jeddah by the end of 2011. Al Rajhi Steel includes Al Assemah Steel products Factory Riyadh, Al-Rajhi Steel Industries Factory Riyadh, Al Assemah Steel Billets Production Jeddah.	MB 25-Aug-09 MB 08-Apr-09 SBB 01-Dec-09
	(730)	STR	(1800)	DR			
	(850)	EF	(150)	EF			
	(850)	CC (billet)	(150)	CC (billet)			
			(1000)	STR			
Al-Tuwairqi Group					P		
Al Ittefaq Steel Products Co (Dammam)							
	(1250)	STR					
Al-Ittefaq Steel Products Co (Makkah)						The 1st Rolling Mill (Madinah Mill) – 0.4m tpy The 2nd Rolling Mill (Makkah Mill) – 1.2m tpy	HP
	(400)	STR					
	(1200)	STR					

Country: **SAUDI ARABIA (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Arab Iron and Steel Co (Dammam)			2000	(Firm)	2010	The private Saudi-based Al-Tuwairqi Holding Co will start production at a new steel complex in 2010. The complex, with a production capacity of 2 million tonnes, will raise to 3 million tonnes the steel billet production capacity of the group. The steel complex, which includes a billet unit, a direct reduction unit and a melt shop, will be called the Arab Iron and Steel Co, which is 100-percent owned by family-owned Al-Tuwairqi Holding Co.	REU 17-Aug-09 MB 24-Aug-09 SBB 18-Aug-09
			(2000)	DR Steelmkg			
Direct Reduction Iron Co (Dammam)							MB 26-Feb-09
	(1500)	DR (MIDREX) x 2					
National Steel Co (Nasco) (Dammam)	1000						
	(1000)	EF					
		LF					
	(1000)	CC (billet)					
Al-Yamamah Steel							
Jizan			850	(Possible)	2011	Saudi rebar producer Al Yamamah Steel has signed a contract with Danieli for the supply of an electric arc furnace with 850,000 tonnes annual capacity. Steel Business Briefing learns from an Al Yamamah executive that the project also includes a 100-tonne ladle furnace, and five-strand billet caster. The installation of the equipment will start in January 2009 and the launch of the complex in Q3 2011, its ramping up to full capacity in 2012.	SBB 09-Sep-08 NET 09-Sep-08
	(600)	STR	(850)	EF LF CC (billet)			
Arabian Pipes Co (APC)							
Jubail Industrial City							
	(300)	SAW					

Country: **SAUDI ARABIA (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Riyadh							
	(160)	ERW					
ArcelorMittal Tubular Products Al-Jubail Co					P		
Jubail Industrial City				(Firm)	2011	ArcelorMittal is set to complete construction of its new seamless pipe mill in Saudi Arabia in 2011. The plant will be located in Jubail on the Persian Gulf. The company says that the exceptional economic circumstances had some impact on planning, but the project is going ahead and the joint venture with Al Tanmiah has been formed. Al Tanmiah is a Saudi investment company, which has interests in oil and gas, petrochemical, metal, mining, power and support industries. The mill will supply products targeted to oil and gas industries, with a capacity of approximately 600,000 tonnes/year and the cold commissioning is expected in 2011. It will focus on markets in the Middle East region and Africa, and its raw material will be supplied by ArcelorMittal.	SBB 08-Jan-10 SBB 17-Nov-09 SBB 15-Sep-09
			(600)	SMLS			
Global Pipe Co							
				(Possible)	2012	Saudi Steel Pipes, a producer of welded pipes, has increased its stake in the recently established Global Pipe Co from 25% to 35%. Construction of Global Pipe Co will start in the first quarter of 2010 and production is expected to start in 2012. The new works will cost SAR 500m (USD 133m). The company will produce 200,000 t/y of longitudinal submerged arc welded pipe of up to 60 inches diameter, for use in oil and gas projects.	SBB 25-Nov-09 SBB 24-Jun-09
			(200)	SAW			

Country: **SAUDI ARABIA (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Jubail Energy Services Company (JESCO)							
Jubail Industrial City				(Firm)	2010	Saudi Arabia's Jubail Energy Services Company (JESCO) is planning to start producing OCTG and LP seamless pipes in January 2010, which will be the very first seamless pipe production in the Middle East. JESCO made its first seamless pipe on 5 November. Since then it has conducted hot tests on its rolling mill and capability tests are currently in progress for producing the full range of sizes. JESCO's mill will have two finishing lines that can produce OCTG from 5½ to 13 3/8 inch diameters in grades ranging from H40 to Q125 API, and line pipe 5 9/16-16 inch diameter in grades from A up to X80 API with total capacity of 400,000 tonnes/year. One of the lines can produce premium connection OCTG with the same range. The plant has also a heat treatment facility with a capacity of 200,000 t/y. JESCO is 51% owned by Industrialization & Energy Services Company (TAQA) and the rest by Saudi and non-Saudi investors.	SBB 24-Dec-09 HP
			(400)	SMLS			
National Pipe Co Ltd (Rezayat Group)					P		
Al Khobar							
		(360)		SAW x 2			

Country: **SAUDI ARABIA (6)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Saudi Iron & Steel Co (Hadeed)					S/P		
Flat products plant (Al-Jubail Industrial City)	2300					Saudi Basic Industries Corp (SABIC) reaffirmed plans to increase its production capacity to 17m tonnes/year by 2020, three times its current output. Saudi Arabian steelmaker Hadeed, the largest steel producer in the gulf region, is a wholly-owned subsidiary of SABIC. Hadeed's operations produced more than 4 million tonnes of both flat and long products in 2007.	SBB 14-Oct-08 MB 13-Oct-08
	(1100)	DR (HYL)					
	(1760)	DR (MIDREX)					
	(2300)	EF x 2					
		LF					
		CC (slab)					
	(2000)	Hot					
	(500)	Cold					
	(300)	HGL					
	(120)	Ptg					
Long products plant (Al-Jubail Industrial City)	2700		1000	(Firm)	2012	Saudi Arabia's Saudi Basic Corporation (Sabic) announced that its subsidiary Saudi Iron and Steel Company (Hadeed) has signed an agreement with Danieli to provide a billet plant and galvanizing line for long products. The plant will be located in Jubail, Saudi Arabia, and it will initially produce 1 million tpy of billet and is scheduled to start production in the second half of 2012, according to Sabic in a statement. The capacity of the galvanizing long products line will be 500,000 tpy. Once production comes on stream Hadeed will have the capacity to produce six million tpy of finished steel, four million tonnes will be long products and two mill tonnes will be flat products.	MB 18-Nov-09 SBB 17-Nov-09 HP 15-Nov-09
	(2000)	DR (MIDREX) x 3	(1000)	Steelmkg			
	(2700)	EF x 3	(1000)	CC (billet)			
		LF x 2	(500)	HGL			
	(2700)	CC (billet) x 3					
	(2200)	STR x 3					
	(700)	WR					

Country: **SAUDI ARABIA (7)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Saudi Steel Pipe Co					P		
Dammam						Saudi Steel Pipe, a producer of welded pipes, is making an initial public offering of shares to raise funds for its expansion programme. The company currently produces pipes of 0.5 to 16 inches diameter. The current capacity is 160,000 tonnes/year, and will be increased to 240,000 t/y by the end of 2009 upon the completion of new facilities to produce 18 and 20 inch pipes.	SBB 24-Jun-09
	(240)	ERW					
Saudi Steel Profile Mfg Factory Co Ltd							
		ERW					
Sidc Metal Coating Co (SMC)					P		
Bahra						Unicoil have acquired in December 2007 100% of SIDC Metal Coating Co.	HP
	(85)	Ptg					
South Steel (Pan Kingdom Invest Co)							
Jizan Economic City			1000	(Firm)	2011	Qatar Steel has acquired a 20% stake in Saudi Arabia's South Steel Co, according to local media reports. The new mill will be located in Jazan Economic City, Saudi Arabia, and have a 1 million tpy billet and 500,000 tpy rebar capacity. The melt shop will have a 140-tonne electric arc furnace, fed 80% hot briquetted iron and 20% scrap, although it has the option of being fed 100% scrap. Building of the melt shop has already started. Concast and SMS Meer have been contracted to provide the equipment for the mini-mill and production is scheduled to start in mid-2011. Saudi Arabia's Pan Kingdom Investment Co is the majority owner of the new plant.	MB 12-Apr-10 SBB 12-Feb-09 HP
			(1000)	EF LF CC (billet)			
			(500)	STR			

Country: **SAUDI ARABIA (8)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
United Gulf Steel							
Al-Jubail			800	(Firm)	2011	United Gulf Steel Mill (UGS) is investing USD 640 million in a new heavy sections mill. The facility, set to be located in Jubail in Saudi Arabia next to the company's existing 450,000 tpy medium sections mill, will be supplied by Italian plantmaker Danieli. It will be fed by a new 800,000 tpy meltshop and will supply the local Saudi market, where there is strong demand for sections. The new facility is scheduled to come on stream in 2011.	MB 18-Jan-10 MB 09-Sep-08 SBB 08-Sep-08
	(450)	STR	(800)	EF			
			(800)	CC (billet)			
			(600)	STR			
Universal Metal Coating Co Ltd (UNICOIL)					P		
Al-Jubail			(3000)	(Unlikely)	2011	Saudi Arabian cold roller and coil-coater Unicoil is planning to build a 3 million tpy flat products mini-mill. Construction of the works is due to start in the first half of 2008 after final project approval. Around USD 1.7-2 billion will be investment in the mill. The initial plan is to have a meltshop with a continuous slab caster fed by a captive direct reduced iron (DRI) plant and the hot strip mill. Commissioning of the equipment is planned to start in the second half of 2011. Unicoil in located in the industrial city of Al-Jubail. The company started in 1997.	MB 16-Aug-07
	(250)	Cold		DR			
	(250)	HGL		EF			
	(120)	Ptg		CC (slab)			
				Hot			

Country: **SAUDI ARABIA (9)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Watania Steel									
	Riyadh	120						Watania Steel, a Saudi Arabian steel trader, starts production next week at its new plant which has 120,000 tonnes/year rolling capacity for rebar and merchant bar. The company will start ingot casting from one induction furnace and add another furnace in six months. The total capacity of the furnaces will be around 120,000 tonnes/year eventually. Till then the company will be working on one shift basis and after the start of the furnace the working shifts will increase to two. Watania Steel will be producing angles, flat bars, plain round bars, square bars, H-beams and I-Beams, and 10-32mm rebar. The material will be marketed locally and to some of the Gulf countries.	SBB 12-Feb-09
		(120)	IF x 2						
		(120)	STR						

Country: **SYRIA**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Al Wahib Commercial Group					P			
Tartous								NET 02-Jun-08
	(200)	STR						
Arabian Steel Co (Asco)					P			
Jableh								
	(300)	STR x 2						
Damask Metals Co (Shammout Group)								
Damascus			(75)	(Unlikely)			New melt shop with 75,000 tpy capacity to produce steel billets and a new rolling mill with 350,000 tpy to produce re-bar and wire rods.	ISWW
	(60)	ERW x 3	(75)	EF				
			(350)	STR				
General Company for Iron & Steel Products (Hadeed Hama)					S			
Hama	70		218	(Firm)		2010	Production of General Company for Iron and Steel Products (Hadeed Hama) in Syria (affiliated to the governmental sector) amounted to 54,363 tons in 2008 against 68,502 tons in 2007. The company is the sole company in Syria which produces billets. Its production in 2008 amounted to 63,040 tons against 70,008 tons in 2007. The company is planning to its production capacity of billets as to 288 thousand tons/year. A contract has been concluded to upgrade the melt shop with the Indian Apollo company.	NET 30-Apr-09 NET 02-Jun-08 SBB 22-May-08
	(70)	EF x 2 CC x 2	(218)	EF				
	(100)	STR						
Hmisho Steel (Hmisho Economic Group)								
Lattakia			(500)	(Unlikely)		2008	New Syrian steel producer Hmisho Steel is planning to add a 500,000 tonnes/year melting shop in 2008.	SBB 04-May-07
	(500)	STR	(500)	EF				

Country: **SYRIA (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Joudco Steel					P		
Lattakia			750	(Firm)	2010	Syrian rebar re-roller Joudco Steel plans to start billet production by the end of 2010. Annual steelmaking capacity of its new billet plant will be 750,000 tonnes. The company has established a joint venture with foreign partners for the billet plant which will be based in Adra Industrial Zone of Damascus. The company also continues with its investment for wire-drawing factory in Aleppo and has completed the wire-drawing mill in Seaport Free Zone in Lattakia. More wire-drawing capacity is expected to be established in Lattakia, in Al-Samandeel Area.	SBB 18-Feb-10
	(150)	STR	(750)	EF			
				LF			
			(750)	CC (billet)			
Mediterranean Steel Co (MedSteel)							
Adra Industrial City			(750)	(Unlikely)		The company will manage and operate its new steel plant that is designed to produce 750,000 tpy of square billets in the dimensional range of 100 mm up to 150 mm.	HP
			(750)	EF			
			(750)	CC (billet)			
Steel Rolling International Co					P		
Hasya industrial city				(Firm)	2009-2010	Syria is gaining another local player in the rebar market. Privately owned Steel Rolling International Co is preparing to start commercial production in Hasya industrial city after completing hot trials before the end of the year. The company plans to produce 300,000 tonnes/year of 8-32mm rebar, and will be importing billet from the international market. Rolling mill equipment has been supplied by German-based plantmaker SMS.	SBB 19-Oct-09
			(300)	STR			

Country: **SYRIA (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Syria Metal Industries (SMI) (Hamsho International Group)					P		
Adra Industrial City, Damascus			800	(Firm)	2010	Syrian Hamsho Group is looking to build a new meltshop in the country. It will go under the name of Syria Metal Industries and will provide billet for a new rolling mill in Damascus. The meltshop will have 800,000 tonnes/year billet capacity, and is due to start production in February 2010. Following the start of billet production, the company aims to start its new rebar rolling mill with 450,000 t/y capacity in April 2010. The company then plans to expand its rolling mill to take up the rest of billet, to roll wire rod and light sections. Hamsho Group is a holding company with wide-ranging interests including media, trading and tourism.	SBB 14-Apr-09
			(800)	EF			
				LF			
			(800)	CC (billet)			
			(450)	STR			
Syrian Galvanised Pipes Co							
Damascus							
	(35)	ERW					
Syrian Steel & Iron Co (Salb)					P		
Adra Industrial City, Damascus							
	(250)	STR					

Country: **UNITED ARAB EMIRATES**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Abu Dhabi Metal Pipes & Profiles Industries Complex LLC (Adpico)					P			
Abu Dhabi				(Firm)		2010	The tubes and pipes maker ADPICO is set to finalize a major expansion at its works in the industrial city of Abu Dhabi where it currently operates ten pipe manufacturing lines and three galvanizing lines. The latest project is a spiral-weld pipe mill and the production will start in February 2010 since the commissioning started four months back. The new product is double submerged arc welded spiral pipe with a size range of 20 to 120 inches outside diameter and 6-25.4mm wall thickness. The company's current production capacity for ERW pipes and tubes is 800,000 tonnes/year and the new mill will add another 120,000-150,000 t/y, SBB understands.	SBB 16-Dec-09
	(800)	ERW		SAW				
Abu Dhabi National Co for Building Materials (BILDCO)								
Abu Dhabi				(Possible)		2011	Abu Dhabi National Co for Building Materials – known as Bildco – will install the mill at a site 25km southeast of Abu Dhabi in the United Arab Emirates. Bildco is a supplier of construction materials, and also operates a cutting and bending facility for reinforcing steel. Austrian plantmaker Siemens will supply mechanical and electrical equipment as well as automation systems for the new 16-stand bar mill. It will have a capacity of 300,000 tonnes/year and is expected to be commissioned in 2011.	NET SBB 26-Oct-07
			(300)	STR				

Country: **UNITED ARAB EMIRATES (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Al Ghurair Iron & Steel							
Abu Dhabi				(Possible)	2010-2011	Al Ghurair Iron & Steel has invested USD 125 million in a cold rolling and galvanizing complex, the first of its type in the UAE. The new mill, located in Abu Dhabi, started production in November 2008. It has capacity of 250,000 tpy of cold rolled coil, 200,000 tpy of galvanized coil and 350,000 tpy of pickled coil. At the end of 2010, or the beginning of 2011, the company plans to increase its cold rolled production capacity from 250,000 tpy to 400,000 tpy, galvanized capacity from 200,000 tpy to 400,000 tpy and pickling capacity from 350,000 tpy to 500,000 tpy.	MB 15-Dec-08 SBB 23-Mar-10
	(350)	CAPL	(150)	CAPL			
	(250)	Cold	(150)	Cold			
	(200)	HGL	(200)	HGL			
Al Nasser Industrial Enterprises (ANIE)					P		
Emirates Steel Establishment (Abu Dhabi)	460						MB 17-Apr-09
	(400)	EF					
	(60)	IF x 2					
	(440)	CC (billet) x 2					
Euro Gulf Steel Industries (Dubai)	35						
	(35)	EF					
	(35)	CC (billet)					
	(50)	STR					
Gulf Sponge Iron				(Firm)	2009-2010		MB 08-Mar-10 MB 17-Apr-09
			(200)	DR (HYL)			
Gulf Steel Industries (Abu Dhabi)				(Firm)	2009-2010	The company will add a 400,000 tpy rebar rolling line.	MB 17-Apr-09 MB 11-Dec-07
	(120)	STR x 2	(400)	STR			

Country: **UNITED ARAB EMIRATES (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Al Tuwairqi Group's steel mill project					P		
Hamriyah Free Zone in Sharjah				(Unlikely)	2007-2009	Saudi Arabia's Al-Tuwairqi Group (ATG) will spend USD 150 million in two phases on the development of a rolling operation at the United Arab Emirates' Hamriyah Free Zone. The facility, which will comprise two rolling mills, each of 600,000 tpy capacity, will produce rebar and wire rod to be supplied to the construction industry in Dubai. The company hopes that the first rolling mill, which will cost approximately USD 80 million, will begin production some time in 2007, while the second USD 70 million mill will come on stream in the next two years. The mills will be supplied with billet by meltshops elsewhere within the group. As part of the same project ATG hopes to commission a 50,000 tpy beams and heavy sections fabrication facility in November, although this is subject to gaining the necessary gas and water supplies.	MB 24-Aug-06
			(1200)	STR x 2			
Bumga Group							
New mill in Dubai Industrial City				(Unlikely)	2009	United Arab Emirates-based Bumga Group plans to enter into steelmaking having won planning permission to build a 400,000 tpy rebar mill in Dubai Industrial City, an industrial zone close to the Jebel Ali Free Zone. The Bumga Group's project joins at least four other major schemes to build rerolling mills and start production between now and 2009. No firm date has been set for commissioning the mill, but Q1 2009 would be a realistic target. The mill is to by entirely owned by the Bumga Group, and will operate as a subsidiary tentatively named Bumga Iron and Steel Company.	MB 21-Feb-07 SBB 10-Mar-08
			(400)	STR			

Country: **UNITED ARAB EMIRATES (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Conares Metal Supply Ltd					P		
Jebel Ali Free Zone site in Dubai				(Firm)	2010	Conares Metal – currently a supplier of ERW pipes and tubes in the United Arab Emirates and GCC area – is moving into the production of reinforcing bars. It is to install a rebar mill with a capacity of 500,000 tonnes/year in the Jebel Ali free zone. It is the first venture of the company to manufacture rebar and it is expected to be in production by the first quarter 2010. At start-up the mill will be producing rebar from 8-32mm diameter in 6 metre, 12m and 18m lengths. The total project cost is about USD 70m. ERW pipes and tubes production capacity of Conares is around 200,000 tonnes/year.	SBB 22-Oct-09 MB 26-Oct-09
	(200)	ERW	(400)	STR			
Emirates Steel Industries					S		
Musaffah Industial Area in Abu Dhabi	1400		1400	(Firm)	2010(DR, EF) 2012(STR)	State-owned Emirates Steel will raise a further USD 1.5 billion to fund expansion projects. The company is raising USD 2.5 billion to fund its investment to increase production capacity at its facility in Abu Dhabi. It is currently being funded by equity from its parent company's general holding corporation — which owns Abu Dhabi Basic Corporation (Adbic) — and a USD 700 million bridging loan secured from several banks. In June 2009 Emirates Steel Industries inaugurated phase 1 of a dual phased expansion plan. ESI is adding a 1.4 million tpy meltshop and 1.6 million tpy DRI plant, which will start production in December 2010. The company will also construct a 1 million tpy heavy sections mill by the first quarter of 2012.	MB 15-Mar-10 MB 27-Jan-10 MB 20-Nov-09
	(1600)	DR (HYL)	(1600)	DR (HYL)			
	(1400)	EF	(1400)	EF			
	(1370)	STR x 2	(1000)	STR			
	(480)	WR					

Country: **UNITED ARAB EMIRATES (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Phase 3			1400	(Firm)	2012	Emirates Steel Industries will add a 1.2-1.3 million tpy reversing mill capable of producing 5.2-metre wide plate as part of its third-phase investment plans; it will also add a 400,000 tpy longitudinal submerged arc welded pipe mill. Both mills will start production in mid-2012. The plate and pipe mill will be fed by a 1.5-1.6 million tpy DRI plant and a meltshop that will have the capacity to produce 1.4 million tpy of slab.	MB 15-Mar-10 MB 27-Jan-10 MB 20-Nov-09
			(1600)	DR			
			(1400)	EF			
			(1400)	CC (slab)			
			(1300)	Plate			
			(400)	SAW			
Emirates Steel Pipes Industries							
Jebel Ali Free Trade Zone in Dubai							
	(120)	SMLS x 2					
		Hot					
		BLM					
Emirates Techno Casting					P		
Sharjah & Ajman	24					Emirates Techno Casting's current production capacity is 24,000 tonnes of steel castings per year and manufactured 18,000 tonnes in 2008.	HP
	(24)	IF					
Hamriyah Steel (Metalloinvest)							
Hamriyah Free Zone				(Firm)	2010	Russian steelmaker and iron ore miner Metalloinvest has started hot testing at its Hamriyah Steel re-rolling joint venture, in the UAE. Hamriyah will achieve its 1 million tpy rolling capacity by the end of 2010, Metalloinvest said. Billets will come from the group's Ural Steel plant, in Russia. The project is the first joint venture of its size between a Russian and Emirati company, Metalloinvest said. Total investment amounted to USD 155 million. Metalloinvest holds 80% in Hamriyah and Emirati President and Abu Dhabi Emir Khalifa bin Zayed bin Sultan Al Nahyan holds the remaining 20%.	MB 27-Jan-10 SBB 29-Jan-10
			(1000)	STR			

Country: **UNITED ARAB EMIRATES (6)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Qatar Steel Co (Qasco)					S		
Jebel Ali Free Zone							
	(300)	STR					
	(240)	WR					
RAK Steel							
Ras Al Khaimah				(Firm)	2009-2010	UAE-based rebar rolling mill Rak Steel is investing USD 15 million to increase capacity by the end of 2009. Rak Steel currently produces 500,000 tpy of rebar and aims to have an output of 750,000 tpy by the end of 2009. It also has medium term plans to move into steelmaking and will invest an additional USD 15 million in a new meltshop to be built within the next two to three years to produce billet. The company already has the preliminary planning approval for this. Rak Steel is the second-largest rebar producer in the UAE, according to Aggarwal. Emirates Steel Industries in Abu Dhabi is the largest producer.	MB 09-Jun-09
	(500)	STR	(250)	STR			
Star Steel International (ETA Ascon Star Group)							
Hamriyah Free Zone in Sharjah				(Firm)	2010	Star Steel, part of the Eta Star Group, has announced the start-up of sections production at its mill in Hamriyah Free Zone, Sharjah. The company will have 240,000 tonnes annual sections, beams and channels production capacity. Star Steel also produces 360,000 tpy of rebar, which is sold mainly to the domestic market. The company also has a 120,000 tpy fabrication centre at the site. Star Steel International is a subsidiary of the ETA Star Group, which is headquartered in Dubai.	MB 19-Feb-10 SBB 19-Feb-10
	(360)	STR	(240)	STR			

Country: **UNITED ARAB EMIRATES (7)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Union Iron & Steel Llc (Al Sharafi Group)									
	Abu Dhabi								
		(300)	STR						

Country: **OTHERS**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
AFGHANISTAN							
Afghan Folad Steel Mill Co Ltd							
Herat province	(20)	STR				A new steel rolling mill recently started production in Afghanistan. The 20,000 tonnes/year capacity Folad Steel Mill commenced operating in early January in Heart province. Built at a cost of USD 6.5m, the mill produces round bar, rebar and angles from billet, and is also making steel fixtures for buildings. The company plans to install its own meltshop for billet casting at a cost of USD 23m, though no timeframe appears to be set for this. Folad uses imported billet from Russia, Kazakhstan and Turkey.	SBB 05-Feb-09
Afghan-China Iron Foundry							
Pol-e Charkhi industrial park (Kabul)			(35)	STR (Possible)		China is, according to reports, investing and helping to build a USD 1.5 million mill for the production of bars and sections in Kabul, Afghanistan. The construction of the mill was inaugurated in June 2000.	MB 03-Jul-00
BAHRAIN							
Al-Tuwairqi Group's DRI plant project			(600)	DR (Unlikely)	P	Saudi Arabia's Al-Tuwairqi Group (ATG) is building a direct reduced iron (DRI) plant in Bahrain. Land development for the plant is underway and a 600,000 tpy facility will be built to feed the group's EAFs. Start-up is loosely slated for Q1 2007.	

Country: **OTHERS (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
SULB (Foulath & Yamato Kogyo JV)							
Al Hidd industrial area			1200	(Firm)	2012	The Gulf Corporation Council-based (GCC) United Steel Holding Company (Foulath) is forging ahead with several multi-million dollar investments as demand for iron ore pellets, DRI and steel soars in the Middle East and North Africa. Through its subsidiary United Steel Company (USCO), which is known as the SULB project, Foulath has invested USD 1.2 billion in a medium and heavy sections plant. It will have a DRI plant supplied by Kobe and Midrex that will have the design capacity to produce 1.5 million tpy, but will produce 1.8 million tpy when ramped up to full production. The meltshop will have the capacity to produce 1.2 million tpy and it will produce 1 million tpy of medium and heavy sections. The machinery for the meltshop and rolling mill will be supplied by SMS and Samsung Engineering. The construction of the plant will start by the end of the second quarter, and production is scheduled to start in 2012. It will be located opposite the GIIC pelletizing plant in Hidd, Bahrain. The investment in the sections mill is a joint venture with Japan's Yamato Kogyo. Foulath will own a 51% share and Yamato a 49% stake.	MB 10-May-10
			(1800)	DR			
			(1200)	EF			
			(1000)	STR			
United Stainless Steel Co (USCO)					P		
Hidd							
		(stainless steel)					
	(90)	Cold (stn)					
Universal Rolling (Unirol)							
Hidd Industrial Area							
	(200)	STR					

Country: **OTHERS (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
KUWAIT							
Gulf Steel Group of Companies (Kanoos Group)					P		
			(100)	(Unlikely)		India's Kanoos Group has decided to keep its prospective Gulf Steel plant project in Kuwait on hold until at least the Q1 of 2011 while it concentrates on a similar facility in the Kurdistan region of Iraq. The source said that the company is still committed to the 100,000 tonnes per year plant but wants to ensure that the 146,000 tonnes per year facility located in the city of Erbil is fully operational first. Erbil started production about a month ago and it is going well.	GURU 21-May-10
			(100)	Steelmkg			
Kuwait Pipe Industries & Oil Services Co (KSC)							
Sulaibiah Industrial Area				(Possible)		The Company signed a contract to procure the latest state of the art a new longitudinal submerged arc welding plant with a total capacity of 288,000 metric ton per year to produce pipes from 16" up to 60" with wall thickness up to 35 mm with steel grade up to API-SL X-80.	HP
	(150)	ERW	(288)	SAW			
Kuwait Reinforced Steel Manufacturing Co (Ali Al-Sarraf International Group)							
Shuaiba Industrial Area							
	(400)	STR					

Country: **OTHERS (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
United Steel Industrial Co (Unisteel)					P		
Shuaiba Industrial Area			1000	(Firm)	2010	Construction has begun at the new billet plant being built by United Steel Industrial Co (Unisteel) in Kuwait. Danieli will supply the plant with 1m tonnes/year capacity made up of a 120-tonne EAF (charging 80% HBI and 20% scrap); 120-tonne ladle furnace, and five-strand caster to produce billets from 130mm to 150mm square. The company's existing 600,000 tonnes/year rebar capacity will also increase to 1m t/y when the billet plant is completed in Q2 2010. The new melt shop will be located in the Shuaiba Industrial Area of Kuwait, approximately 20 km from Kuwait City.	SBB 26-Jun-08 GURU 12-Mar-09
	(600)	STR	(1000)	EF			
				LF			
			(1000)	CC (billet)			
			(400)	STR			
LEBANON							
Consolidated Steel Lebanon SAL (CSL)							
Amchit						It is reported that Consolidated Steel Lebanon SAL shut down in 2002 because of high input costs.	NET SBB 17-Jul-02
	(300)	STR					
Lebanon Steel Mill Co							
Tripoli	100						
	(100)	EF					
		STR					
Tramsteel s.a.l.							
Maad, Jbeil							
	(25)	ERW x 4					

Country: **OTHERS (5)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
OMAN							
Al Jazeera Tube Mills Co							
Sohar Industrial Estate							
	(300)	ERW x 4					
	(300)	STR					
Shadeed Iron & Steel LLC.					P		
Seamless pipe plant project				(Unlikely)		Jindal Saw International, a subsidiary of India's Jindal Saw, has signed a Memorandum of Understanding with United Arab Emirates-based Shadeed Iron & Steel to set up a one million tpy seamless tube plant in Oman's Sohar Industrial Port. It reported that more than 38 percent of the main Shadeed plant at Sohar has been completed, and commercial production will start by the third quarter of 2008. A consortium of foreign , local and regional banks will provide USD 4 billion for the project. Jindal Saw is one of India's largest producers of submerged arc welded (SAW) pipes, which are used in the energy sector for the transportation of oil and gas.	MB 26-Feb-07
			(1000)	SMLS			
Sohar			1100	(Firm)	2010-2011	Jindal Steel & Power Ltd (JSPL) has decided to acquire Oman's Shadeed Iron & Steel Co for USD 464m, the Indian mill confirmed on 20 May 2010. Shadeed is currently developing a 1.5m tonnes/year gas-based hot briquetted iron (HBI) facility at the Sohar industrial port area in Oman. The plant will be completed within a year. JSPL will also install a steelmaking shop including an electric arc furnace, for which Shadeed had placed an order with China Shougang International Trade Company four years ago.	SBB 21-May-10 MB 23-Oct-09 HP
			(1500)	DR (MIDREX)			
			(1100)	EF			
			(1100)	CC (billet)			

Country: **OTHERS (6)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Sharq Sohar Steel Rolling Mills							
Sohar Industrial Estate	250		150	(Possible)	2012	Omani steelmaker Sharq Sohar Steel plans to nearly double its billet production capacity by 2012, the company told MB. The company is already able to produce 250,000 tpy of billet at is facility in Sohar, but this will grow to 400,000 tpy once the expansion is completed. Sharq Sohar Steel has the capacity to produce 300,000 tpy of rebar which is sold mainly to the domestic market.	MB 26-Apr-10
	(250)	EF LF CC (billet)	(150)	EF			
	(300)	STR					
YEMEN							
Al-Rahabi Trading Industrial Group							
Integrated steel mill project			(1000)	(Unlikely)		Yemen's Al-Rahabi Trading Industrial Group plans to develop the country's first integrated iron and steel works at a cost of USD 250 million. The new facility will have a production capacity of 1 million tpy and will be developed in co-operation with Kuwaiti, Saudi, Qatari, and UAE-based investors on a 400,000 sq metre site. The new mill will be the largest in Yemen and will be fed by iron ore exploited from Yemeni mines.	MB 09-May-07 SBB 25-Jun-08
			(1000)	Steelmkg			
Yemen Steel Manufacturing Co Ltd							
	(120)	STR					
Arab Iron & Steel Corp (AISCO YEMEN)							
Aden Free Zone	100						ME ISWW
	(100)	IF CC (billet)					
	(100)	STR					

Country: **OTHERS (7)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Mukalla Iron & Steel							
Sanaa			150	(Firm)	2010	The factory will start its production in September 2010.	NET
			(150)	IF			
			(300)	STR			
Saudi Arabia's Al-Tuwairqi							
Steel and Power plant			(5000)	(Unlikely)	2011	Saudi Arabia's Al-Tuwairqi group plans to invest USD 1 billion in Yemen to build steel and power plants. The steel plant will have a capacity of 5 million tonnes of liquid steel. In addition to that, the company will build a rolling mill which will produce 1 million tonnes of rebar annually. The investment includes installation of a power plant. The plant will operate by 2011.	ZAW 10-Apr-08 SBB 16-Apr-08
			(5000)	Steelmkg			
			(1000)	STR			
Star Company (Chinese Yemeni JV)							
Hudaida province				(Possible)	2010	Star Company, a Yemeni-Chinese joint venture, will start production of construction steel in March. The company will be producing 70,000 tonnes/year of 8-18mm rebar initially. In the second phase of the project, production will go up to 150,000 t/y in 2010, and in the third phase it will reach 240,000-300,000 t/y. No specific date has been set for the completion of the third phase.	SBB 18-Feb-09
	(70)	STR	(80)	STR			

NON-OECD EUROPE

Unit : thousand tonnes per year

Country	Nominal capacity							Crude steel production	Apparent consumption
	Exist	Increase to 2012			Capacity in 2012				
	2009	Firm	Possible	Unlikely	Mean	Low	High	2009	2008
BOSNIA HERZEGOVINA	1 000	0	0	800	1 000	1 000	1 000	519	699
BULGARIA	3 240	0	0	0	3 240	3 240	3 240	726	1 961
CROATIA	255	425	0	0	680	680	680	43	1 198
MONTENEGRO	380	220	0	0	600	600	600	130	70
ROMANIA	9 115	212	0	500	9 327	9 327	9 327	2 761	5 800
SERBIA	2 200	500	0	0	2 700	2 700	2 700	1 061	1 150
OTHERS	1 800	430	120	0	2 290	2 230	2 350	1 212	2 512
TOTAL	**17 990**	**1 787**	**120**	**1 300**	**19 837**	**19 777**	**19 897**	**6 452**	**13 390**

Note : Apparent consumption is in terms of crude steel.

Source : Capacity − OECD secretariat. Production and apparent consumption − worldsteel.

Country: **BOSNIA HERZEGOVINA**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
ArcelorMittal Zenica (formerly BH Steel)					P		
Zenica	1000		(800)	(Unlikely)		ArcelorMittal Zenica steelworks in Bosnia and Herzegovina restarted its coke plant, sinter plant, blast furnace and basic oxygen furnace (BOF) in 2008. When integrated steelmaking was operational, a 800,000 t/y EAF was closed until the second caster is available. Current capacity of the production is 1 million tons per year though its overall potential steelmaking capacity is around 2m t/y. It also has a 450,000 t/y wire rod mill and 350,000 t/y bar mill producing rebar. The company is debating whether the new caster, scheduled to open in 2010, should be for long or flat products. The semis will most probably be processed in another steelworks belonging to the ArcelorMittal group. According to Metal Bulletin, the company has no immediate plans to restart its electric arc furnace (EAF), which has been off-stream for at least a year, a group spokesman and a mill source said in March 2010.	SBB 15-Jun-08 HP MB 26-Mar-10
	(1000)	BF		EF			
	(1000)	LD		CC			
		EF x 2					
		CC (billet)					
	(350)	STR					
	(450)	WR					
Unis (Associated Metal Industry in Sarajevo)							
Banja Luka							
	(115)	Cold					
Derventa							
		ERW					

Country: **BULGARIA**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Kremikovtzi Corp					S/P		
Sofia-Botunetz	2150					The Sofia City Court rejected the final version of Kremikovtzi's recovery plan in February 2010, after Bulgaria's finance ministry refused to approve the rescheduling, over the next eight years, of the repayment of debts owed by the plant to state-owned companies, a prerequisite for the plan to be presented to creditors. A Sofia court declared Kremikovtzi bankrupt in late 2008 after the plant defaulted on a EUR 325 million bond issue from 2006. Global Infrastructure Holdings Ltd (GIHL) acquired a 71.1% stake in Kremikovtzi from Finmetals Holding in 2005 and had pledged to invest in upgrades for the plant. But the investment failed to materialise, sparking protests by plant workers in late 2007/early 2008. Financing problems and lack of raw material supplies then forced the plant to shut down its integrated route in late 2008. Kremikovtzi previously produced hot rolled coil, cold rolled coil and long products. It has continued producing hot rolled coil with its single electric arc furnace (EAF).	SBB 14-May-10 MB 26-Jan-10
	(1650)	BF x 3					
	(1750)	LD x 3					
	(400)	EF x 2					
		LF					
	(1600)	CC (slab) x 2					
	(3400)	SLM					
	(500)	WR					
	(2100)	Hot					
	(1320)	Cold x 2					
	(120)	Tin plate					
	(160)	HGL					
	(30)	Ptg					
Omega Ltd							
Sofia							
	(60)	ERW x 3					
Promet Steel JSC (Metinvest Group)					P		
Burgas							
	(400)	STR					

Country: **BULGARIA (2)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Stomana Industry SA (Sidenor Group)						P		
	Pernik	1090						
		(1090)	EF x 2					
			LF x 2					
			CC (billet)					
			CC (slab)					
		(400)	Plate					
		(1000)	STR x 2					

Country: **CROATIA**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
CMC Sisak (formerly Zeljezara Sisak)						P			
	Sisak	70		425	(Firm)		2010	Croatian seamless pipe producer CMC Sisak is close to completing its investment in a new electric arc furnace, parent company CMC announced in its latest conference call. The new furnace – which will have a production capacity of 425,000-450,000 tonnes/year - will produce steel for almost “bloom size” round billets, and is expected to be completed in January 2010. The new investment will significantly increase the plant’s current billet capacity of 70,000 t/y and will allow CMC Sisak to sell billets externally as all are currently used for production in the pipe mills.	SBB 03-Nov-09
		(70)	EF	(425)	EF				
			CC (bloom)						
		(100)	SMLS x 2						
		(210)	ERW x 4						
Zeljezara Split									
	Split	185						The Croatian ministry of economy has decided that a new buyer and strategic investor should be found for the country's rebar producer Zeljezara Split, a metal workers trade union representative says. The ministry reached the conclusion after talks with Zeljezara Split’s previous owner, Polish longs producer Zlomrex, that the mill should be purchased by a private investor rather than renationalised as was proposed in December 2009. Zlomrex has laid claim to HRK 117 million (EUR 16 million) in debts from the mill. A shareholders assembly, scheduled to convene on 22 March, is expected to decide on converting Zlomrex's debt into ownership, which would mean raising share capital from HRK 279m (EUR 38.2m) to 396m (EUR 54.2m). This would mean issuing Zlomrex with around 97,000 new shares.	SBB 16-Feb-10
		(185)	EF						
			LF						
		(185)	CC						
		(170)	STR						

Country: **MONTENEGRO**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Zeljezara Niksic									
	Niksic	380	(stainless steel)	220	(Firm)		-2011	Montenegrin special steels producer Zeljezara Niksic (ZNK), owned by Netherlands registered investment firm MNSS BV, has signed a term sheet with a European bank for a EUR 5 million loan to aid with a production re-launch at the works. The Montenegrin government has said it would provide a state guarantee for a loan once a bank is ready to lend and MNSS BV provides additional funds to Niksic. The cash injection from both parties, which ZNK will aim to spend in line with its restructuring plan, is expected to come in by the end of March. The plant is carrying out a modernisation programme, which will increase crude steel capacity to between 450,000 and 600,000 tonnes/year. "Currently ZNK is progressing with excavation works for foundations of new water treatment and the de-dusting plant, while the new EAF is being pre-assembled," the company says.	SBB 25-Feb-10 NET
		(380)	EF x 2 LF x 2 CC (billet) STR x 2 WR Cold		EF				

Country: **ROMANIA**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
ArcelorMittal Galati (formerly Sidex SA Galati)					P			
Galati	6400			(Firm)		2011	According to local media reports, ArcelorMittal Galati will invest about EUR 53 million for a 12-month modernization of its blast furnace (BF) No.5. Accordingly, as a result of the modernization ArcelorMittal Galati's BF No. 5 will be able to produce two million mt of pig iron per year, and thus will double the company's annual pig iron production to over 4.2 million mt. Currently, two BFs operate at ArcelorMittal Galati, resulting in pig iron production of 2.2 million mt per year. The modernized BF is scheduled to be re-started in early January 2011.	SO 19-Jan-10
	(6300)	BF x 5		BF				
	(6400)	LD x 6						
	(5060)	CC (slab) x 4						
	(521)	CC (bloom) x 5						
	(1000)	BTM						
	(2700)	Plate x 2						
	(3500)	Hot						
	(1490)	Cold						
	(200)	HGL						
	(60)	ERW						
ArcelorMittal Hunedoara (formerly Siderurgica SA Hunedoara)					P			
Hunedoara	750						Romanian billet and sections producer ArcelorMittal Hunedoara plans to construct a new rolling mill, worth EUR 43 million, to produce euro profiles. The mill will be built over the next two years and is part of a EUR 69m investment programme spanning 2004-2011, but which was suspended last year due to the effects of the global economic crisis. It is now being restarted “in order to ensure the long-term sustainability of the company.” The programme is also designed to increase the plant’s output of round billets in order to cover the needs of sister plant, seamless pipe maker ArcelorMittal Roman. Crude steel production at Hunedoara will be increased to 700,000 tonnes/year as a result.	SBB 02-Feb-10
	(750)	EF						
		LF						
	(300)	CC (bloom)						
	(200)	CC (round)						
	(300)	BLM						
	(500)	BTM						
	(850)	STR x 3						
	(280)	WR						

Country: **ROMANIA (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
ArcelorMittal Iasi (formerly Tepro SA)					P		
Iasi						Mittal Steel Iasi, located in the industrial zone of Iasi, was established 1963 and acquired by Mittal Steel on its privatisation in 2003.	HP
	(380)	ERW					
ArcelorMittal Roman (formerly Petrotub SA)					P		
Roman						Petrotub Roman was acquired by Mittal Steel on its privatisation in 2003.	HP
	(400)	SMLS					
Donasid (Tenaris Group)					P		
Calarasi	470					Romanian billet producer Donasid, owned by the tubemaking multinational Tenaris, has secured a EUR 10 million loan from the European Bank for Reconstruction & Development (EBRD) to help finance a project to increase production levels from 300,000 tonnes/year to their full potential of 450,000 t/y. The production increase will be achieved through technological upgrades to Donasid's existing EAF steelworks, formerly part of the large Siderca Calarasi steelmaking complex. No new facilities are being installed, an EBRD spokesman says. Instead, the money will be spent on increasing efficiency, enhancing billet quality and more effective use of existing capacity. Steel billets produced by the company are mainly sold to Tenaris' other Romanian subsidiary Silcotub, in Zalau, where they are used to produce seamless pipe.	SBB 22-Jan-07
	(470)	EF LF CC (round) CC (bloom)					
Ductil Steel SA (Mechel Group)					P		
Buzau						Russia's Mechel acquired a 100% stake in a Romanian steelmaker Ductil Steel in 2008.	HP
	(300)	WR					

Country: **ROMANIA (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Otelu Rosu	388		212	(Firm)	2010-2012	Otelu Rosu was privatised in 1999 under ownership of Gavazzi Steel. After Gavazzi Steel went bankrupt itself, the government attempted to rent the assets to other steel producers. Currently Ductil Steel operates the facilities of Otelu Rosu.	SBB 26-May-05
		EF		EF			HP
		CC (billet)		CC (billet)			NET
Erdemir Romania					P		
Targoviste							
		Silicon					
Euro Steel Industries (formerly Helitube)							
Galati							
		SAW					
Galfinband SA					P		
Galati							
		Cold					
		HGL					
		Ptg					
Grantmetal SA							
						Grantmetal SA is a pipe and steel cable producer.	NET
		ERW					

Country: **ROMANIA (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Intfor SA (Profiland Group)							
Galati						Romanian strip and roll-formed sections producer SC Intfor, part of the Profiland Group, has purchased a new cold rolling mill from Chinese equipment manufacturer Zhengzhou Top Rolling Technology. The new reversing mill will produce cold rolled coil to feed the company's hot-dip galvanizing and pre-painting lines. Intfor's HDG line has a capacity of 150,000 tonnes/year, while its colour-coating line has a capacity of 80,000 t/y. Profiland has another plant besides Intfor, and together their products include welded hollow sections, cold formed U and L sections, CRC, HDG and sheet cut from coils. The majority of the company's products are destined for the architectural and construction industries.	SBB 03-Aug-09
		Cold					
	(150)	HGL					
	(80)	Ptg					
		ERW					
Lamdro SA (formerly Intreprinderea Metallurgica)							
						German steel group Max Aicher acquired Lamdro SA in 2000.	
	(450)	STR x 2					

Country: **ROMANIA (5)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Laminorul Braila						P			
	Braila	(380)	STR x 2					Russian steelmaking and mining group Mechel has received approval to acquire a majority stake in Romanian merchant bar reroller Laminorul Braila. The Romanian Competition Committee approved the transaction on 19 April 2010 after Mechel acquired 100% of Austria-based Donau Commodities. Laminorul has two rolling mills with a combined 380,000 tpy capacity that can produce beams, channel bars as well as equal and unequal angles for industrial and civil construction, using billets sourced from Mechel Targoviste. The mill can also produce bulb bar for shipbuilding, according to Mechel. Laminorul is on the Danube river, which also allows access to the Black Sea. Mechel's acquisition brings the number of assets in its East European Steel Division to five; Besides Laminorul, the division also consists of Mechel Targioviste, Mechel Campia Turzii, Ductil Steel Buzau and Otelu Rosu.	MB 22-Apr-10
Laminorul SA Focsani									
		(240)	STR					Metanef SA, a Romanian trading house, purchased Laminorul SA Focsani in 1998.	

Country: **ROMANIA (6)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Liberty Commodities						P			
	Oltenita			(500)	(Unlikely)		2011	UK and Nigeria-based Gupta family, which controls London-headquartered steel trading company Liberty Commodities Ltd, intends to build a new steel production facility in the southern Romanian city of Oltenita, Calarasi County, which is scheduled to be commissioned in 2011 with a total project cost of EUR 150 million. In 2007, the family acquired the Oltenita-located Turol casting house for EUR 16 million through its Romanian arm, Transdanube Industries SRL (Transdanube). The steelworks will be realized in two phases: the construction of a melt shop and of a rolling shop. As of 2011, the new facility is planned to have an annual production capacity of 500,000 mt of billet rolled into long products. Currently, Transdanube is investing in high-end equipment, to be supplied by a reputable plantmaker, in order to completely modernize the old Turol casting house, and is preparing the new production facility, which will be built on approximately 15 hectares of land belonging to the company. Liberty Commodities already has steel mills and projects in Nigeria, Sudan, Morocco and India, with a production capacity of one million mt of steel. This figure is expected to reach three million mt by 2012.	SO 25-Sep-09
				(500)	EF STR				

Country: **ROMANIA (7)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Mechel Campia Turzii (Mechel Group)					P		
Campia Turzii						Mechel acquired Campia Turzii in 2003. Campia Turzii has a capacity of some 300,000 tonnes/year of steel products. It produces rolled products in carbon and low-alloy steels for machinery manufacturers, as well as rebar, wire rod and long drawn products, including various kinds of steel wire, cable, mesh, electrical cable and nails. One arc-furnace melting workshop and two rolling mills were taken off-line in the course of reorganization of the production line at Mechel Campia Turzii.	SBB 14-May-10 HP
		WR					
Mechel Targoviste SA (formerly Cost SA)					P		
Targoviste	550						
		(special steel)					
	(550)	EF					
		CC (billet)					
		BLM					
	(780)	STR x 2					
Otelinox SA Targoviste					S/P		
Targoviste						Samsung Deutschland, a subsidiary of Samsung C&T Corp in Seoul, has owned Otelinox since 1997. The Koreans increased their holding to 94% in 2006.	SBB 17-Jun-08
		(stainless steel)					
	(100)	WR					
	(60)	Cold (stn)					
Others							
	107						
Silcotub SA (Tenaris Group)					P		
Zalau, Salaj							
	(180)	SMLS					

Country: **ROMANIA (8)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
TMK-Artrom SA (TMK Group)					P		
Slatina, Olt							
	(200)	SMLS					
TMK-Resita SA (TMK Group)					P		
Resita	450			(Firm)	2007-2011	At TMK's Romanian site of Resita, a new 450,000 t/y continuous caster was inaugurated on 26 February 2007 at a cost of USD 20.5 million. The capacity of the plant's 110-tonne EAF will be increased to 450,000 t/y between 2007 and 2011 in a further investment of USD 43.4 million. This will be done via the addition of oxigas burners, modification of the hydraulic system and other upgrades. The investment programme will result in the production of 450,000 t/y of continuously cast pipe billets at Resita, which will almost exclusively supply TMK-Artrom.	SBB 28-Feb-07 HP
		EF		EF			
	(450)	CC (round)					
Tubinox SA (Viraj Group)					P		
Bucharest							
		(stainless steel) SMLS					
Zimtub SA							
Zimnicea							
	(36)	SAW					
	(12)	ERW					

Country: **SERBIA**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
Metalfer Steel Mill					P			
Sremska Mitrovica	(250)	STR					Steel trader Metalfer started up its first rolling mill for long products in Serbia. The new mill, capable of rolling rebar and wire rod, started trial production in May 2008 and is now working at its current full capacity of 250,000 t/y. Metalfer is only producing rebar at the moment, but plans to start manufacturing wire rod later, and to increase its rolling capacity to 300,000 t/y, the company's web-site says. Headquartered in the UK, Metalfer also operates a trading subsidiary in Serbia. Its first rolling mill for rebar and wire rod in Sremska Mitrovica is also the first such mill for these products in Serbia.	SBB 23-Jun-08
Sirmium Steel					P			
New billet mill project			500 (Firm)	(500) EF (500) CC (billet)		2010	Sirmium Steel's new billet plant in Serbia is scheduled to begin trial production in May 2010, with the plant due for commissioning a few weeks later. The EAF-based plant – a joint venture between Serbian steel trader and re-roller Metalfer and Italian equipment supplier STG Group – will have a production capacity of 450,000-500,000 tonnes/year of billets. The new plant is primarily designed to supply Metalfer's bar mill – located in the same town of Sremska Mitrovica, near Novi Sad – with billets of 125-150mm square and 6-12 metres long. This supply will replace current imports of billets, with the aim of reducing transport costs.	SBB 30-Sep-09
US Steel Serbia (formerly Sartid)					P			
Sabac	(120)	Tin Plate						

Country: **SERBIA (2)**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
	Smederevo	2200			(Possible)			U.S. Steel Corp. will invest at least USD 100 million to build a new hot-dip galvanizing facility at its U.S. Steel Serbia operations. The investment in the new line, which will be located at the company's Smederevo, Serbia, operations, comes not long after the opening of a similar line at the company's plant in Kosice, Slovakia. Pittsburgh-based U.S. Steel said the capacity of the new line and the technology to be employed will be based upon an analysis of the construction, automotive and other markets for hot-dip galvanized steels in Serbia as well as other regions served by U.S. Steel Serbia, the country's largest exporter. Construction is expected to take about 20 months and will begin after all necessary permits and approvals have been received.	AMM03-Oct-08
		(1800)	BF x 2		HGL				
		(2200)	LD x 3						
			CC (slab) x 2						
		(2400)	Hot						
		(1600)	Cold x 2						

Country: **OTHERS**

Unit: thousand tonnes per year

Company	Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership	Start-up date	Comments	Source
ALBANIA									
Kurum International						P			
	Elbasan	900						Turkish company Kurum Holdings' steelworks in Albania is increasing its crude steel capacity with a new furnace that started production in March 2009. The crude steel capacity of the plant at Elbasan will reach 900,000 tonnes/ year, up from around 400,000 tonnes. The company has 550,000 t/y of rebar rolling capacity and 120,000 t/y of 60-140mm sections rolling capacity. The increased melt shop output will cover the company's billet usage.	SBB 17-Mar-09
		(900)	EF						
			LF						
			CC (billet)						
		(670)	STR						
CYPRUS									
BMS Metal Pipes Industries									
	Anatolikon, Paphos								
		(15)	ERW						

Country: **OTHERS (2)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
LATVIA							
Liepajas Metalurgs					P		
Liepaja	540		270	(Firm)	2010	Liepajas Metalurgs will build integrated electric steel plant. The project includes a major modernization of the scrap-based steelmaking process and the construction of an entirely new rolling mill. The new plant is designed for annual production of about 810,000 tonnes of steel billet and 400,000 tonnes of steel bars and profiles. The plant is scheduled for start up in stages beginning in 2010. It will install an electric arc furnace with tapping weight of 100 tonnes and secondary steelmaking facilities, including a 100-tonne ladle furnace and an alloying system, as well as a deducting plant. The new facilities will boost the company's steel capacity to 810,000 tonnes, up 50 percent from 540,000 tonnes a year. It will also replace the existing steel production route based on the use of what Siemens said are the only open-hearth furnaces still in operation in Europe.	MB 05-Oct-07
	(540)	OH x 3	(810)	EF			
	(540)	CC (billet) x 2		LF			
	(500)	STR	(270)	CC (billet)			
	(300)	WR	(400)	STR			

Country: **OTHERS (3)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
LITHUANIA							
AV-Stal					P		
Micro-mill project			120	(Possible)	2012	New Russian steel venture AV-Stal intends to construct a micro-mill in Lithuania, which will produce construction grade long products. Construction of the new mill, which is to cost around EUR 30 million, will begin in mid-2010 and should be completed within two years. It is expected to have a capacity of 120,000 tonnes/year of steel and will exclusively supply the Lithuanian market, which currently relies on imports as it does not have a domestic producer. The company estimates that there is sufficient scrap available in the local market to feed the mill. The new mill will be a clone of another project being undertaken by AV-Stal – the new Surovikinsky long products mill currently being constructed in Russia's southern region of Volgograd.	SBB 11-Nov-09
			(120)	EF			
MACEDONIA							
ArcelorMittal Skopje					P		
Skopje							
	(1200)	Hot					
	(1000)	Cold					
	(150)	HGL					
	(15)	Ptg					

Country: **OTHERS (4)**

Unit: thousand tonnes per year

Company / Plant or project	Existing capacity	Existing equipment	Increase capacity	Additional equipment	Ownership / Start-up date	Comments	Source
Makstil A.D. Duferco Group					P		
Skopje	360		160	(Firm)	2010	Macedonian plate maker Makstil has completed the upgrade of its electric arc furnace meltshop, increasing its capacity from 360,000 to 520,000 tonnes/year of crude steel. As part of the upgrade programme, Makstil's slab capacity has increased to 550,000-560,000 t/y and heavy plate capacity to 430,000 t/y.	SBB 29-Mar-10
	(360)	EF	(160)	EF			
		LF	(30)	Plate			
	(850)	CC (slab)					
	(400)	Plate					
Welded Steel Pipe & Section Works 11 Oktomvri Kumanovo							
Kumanovo							
		ERW					

ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT

The OECD is a unique forum where governments work together to address the economic, social and environmental challenges of globalisation. The OECD is also at the forefront of efforts to understand and to help governments respond to new developments and concerns, such as corporate governance, the information economy and the challenges of an ageing population. The Organisation provides a setting where governments can compare policy experiences, seek answers to common problems, identify good practice and work to co-ordinate domestic and international policies.

The OECD member countries are: Australia, Austria, Belgium, Canada, Chile, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Japan, Korea, Luxembourg, Mexico, the Netherlands, New Zealand, Norway, Poland, Portugal, the Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Turkey, the United Kingdom and the United States. The European Commission takes part in the work of the OECD.

OECD Publishing disseminates widely the results of the Organisation's statistics gathering and research on economic, social and environmental issues, as well as the conventions, guidelines and standards agreed by its members.

ORGANISATION DE COOPÉRATION ET DE DÉVELOPPEMENT ÉCONOMIQUES

L'OCDE est un forum unique en son genre où les gouvernements œuvrent ensemble pour relever les défis économiques, sociaux et environnementaux que pose la mondialisation. L'OCDE est aussi à l'avant-garde des efforts entrepris pour comprendre les évolutions du monde actuel et les préoccupations qu'elles font naître. Elle aide les gouvernements à faire face à des situations nouvelles en examinant des thèmes tels que le gouvernement d'entreprise, l'économie de l'information et les défis posés par le vieillissement de la population. L'Organisation offre aux gouvernements un cadre leur permettant de comparer leurs expériences en matière de politiques, de chercher des réponses à des problèmes communs, d'identifier les bonnes pratiques et de travailler à la coordination des politiques nationales et internationales.

Les pays membres de l'OCDE sont : l'Allemagne, l'Australie, l'Autriche, la Belgique, le Canada, le Chili, la Corée, le Danemark, l'Espagne, l'Estonie, les États-Unis, la Finlande, la France, la Grèce, la Hongrie, l'Irlande, l'Islande, Israël, l'Italie, le Japon, le Luxembourg, le Mexique, la Norvège, la Nouvelle-Zélande, les Pays-Bas, la Pologne, le Portugal, la République slovaque, la République tchèque, le Royaume-Uni, la Slovénie, la Suède, la Suisse et la Turquie. La Commission européenne participe aux travaux de l'OCDE.

Les Éditions OCDE assurent une large diffusion aux travaux de l'Organisation. Ces derniers comprennent les résultats de l'activité de collecte de statistiques, les travaux de recherche menés sur des questions économiques, sociales et environnementales, ainsi que les conventions, les principes directeurs et les modèles développés par les pays membres.

OECD PUBLISHING, 2, rue André-Pascal, 75775 PARIS CEDEX 16
(58 2011 01 3 P) ISBN 978-92-64-11091-5 – No. 58052 2011

Developments in Steelmaking Capacity of Non-OECD Economies

This publication is a two-yearly report on trends in the steelmaking capacity in economies that are not members of the OECD. This report examines the current steelmaking capacity of these economies and likely changes therein up to the year 2012.

Developments in Steelmaking Capacity of Non-OECD Economies includes an appendix containing detailed information on an economy-by-economy, plant or project basis, as well as on existing capacity and equipment, the starting date of planned projects, works ownership and the information sources used. It also briefly describes the progress of projects, recent changes at existing works, and, where known, the financing of projects.

Les capacités de production d'acier dans les économies non membres de l'OCDE

Cette publication biennale présente les tendances d'évolution des capacités de production d'acier dans les économies non membres de l'OCDE. Le présent rapport fait donc le point sur les capacités actuelles de production d'acier de ces pays et sur les évolutions attendues d'ici 2012.

Les capacités de production d'acier dans les économies non membres de l'OCDE comprend un appendice qui donne des informations détaillées sur les économies, par pays, par entreprise, par aciérie ou par projet, ainsi que sur les capacités actuelles, les équipements, les dates d'entrée en service prévues, la structure du capital et les sources d'information consultées. L'appendice décrit aussi succinctement l'état d'avancement des projets, les modifications apportées récemment au calendrier des travaux ainsi que, lorsqu'elles sont connues, les modalités de financement de projets.

Please cite this publication as:
OECD (2011), *Developments in Steelmaking Capacity of Non-OECD Economies 2010*, OECD Publishing.
http://dx.doi.org/10.1787/steel_non-oecd-2010-en-fr

Merci de citer cet ouvrage comme suit :
OCDE (2011), Les capacités de production d'acier dans les économies non membres de l'OCDE 2010*, Éditions OCDE.*
http://dx.doi.org/10.1787/steel_non-oecd-2010-en-fr

This work is published on the *OECD iLibrary*, which gathers all OECD books, periodicals and statistical databases. Visit ***www.oecd-ilibrary.org***, and do not hesitate to contact us for more information.

Cet ouvrage est publié sur OECD iLibrary*, la bibliothèque en ligne de l'OCDE, qui regroupe tous les livres, périodiques et bases de données statistiques de l'Organisation. Rendez-vous sur le site* **www.oecd-ilibrary.org** *et n'hésitez pas à nous contacter pour plus d'informations.*

2010

OECD*publishing*
www.oecd.org/publishing

ISBN 978-92-64-11091-5
58 2011 01 3 P

9 789264 110915