

[Concept Note]

Stakeholder meeting for the Egypt's Low Carbon Hydrogen Development
January 30th 2024

Time: 14:00- 16:30 (Cairo, Egypt time)

Venue: The St. Regis Almasa Hotel, Cairo, New Administrative Capital, 11311 Cairo, Egypt

Background

Egypt has shown strong political commitment to becoming a leader in low carbon hydrogen leveraging its renewable energy potential and strategic trade partnerships. The government announced the launch of their first low carbon hydrogen plant in the Suez Canal Economic Zone in 2022, and since then, the plan for low carbon hydrogen projects has been rapidly growing, thereby requiring significant investments and financing. In addition, Egypt recently approved the National Hydrogen Strategy on 22 Nov 2023, which is a big milestone in accelerating country's hydrogen development.

The Organisation for Economic Co-operation and Development (OECD) and the Arab Republic of Egypt agreed to cooperate within the "Clean Energy Finance and Investment Mobilisation" (CEFIM) programme in as part of the Egypt-OECD Country Programme inaugurated in October 2021, under Pillar 5 on Sustainable Development. Under this programme, the Ministry of Electricity and Renewable Energy of Egypt (MoERE) and the OECD have agreed to support the operationalisation of this potential through implementation of the OECD's "[Framework for Industry's Net-Zero Transition](#)" (herein called as the "Framework"). The outcomes of the OECD Framework implementation will help improve enabling conditions and identify financing solutions to enhance the bankability of low carbon hydrogen projects for decarbonising domestic industries and for exports. The Implementation of the Framework will be implemented with close partnership with various international and local stakeholders, particularly with the United Nations Industrial Development Organization (UNIDO).

UNIDO is currently implementing the "[Global Programme for Hydrogen in Industry](#)" which supports developing countries to overcome identified barriers and encourage a just hydrogen transition that puts social and environmental aspects in focus. Particularly in Egypt, UNIDO conducted a series of studies and technical assessments to identify potential demand for hydrogen of local industries in Egypt during 2022. Furthermore, UNIDO is leading a Global Environmental Facility (GEF) Global Programme on clean hydrogen for industry in which Egypt is one of the 8 countries within the Programme. This will allow Egypt to benefit from all international lessons, exchange of experiences and know-how in different clean hydrogen applications through knowledge products, tools and methodologies, in line with all national efforts.

This OECD - UNIDO collaboration aims to enhance synergy and prevent duplication of two institutions respective work, thereby maximising the benefits for Egypt in achieving its national objective of economy-wide decarbonisation.

Objectives

The objectives of stakeholder meeting are:

- Introduce and present the OECD and UNIDO activities for supporting low carbon hydrogen development in Egypt.
- To identify all types of green hydrogen activities in Egypt with relevant stakeholders.
- Facilitate constructive feedback and engage in in-depth discussions regarding the recent low carbon hydrogen development in Egypt.

Agenda (tentative)

Time (Cairo Time)	Agenda
14:00 – 14:10	OECD and UNIDO <ul style="list-style-type: none"> - Kumi Kitamori, Deputy Director of OECD Environment Directorate - Ahmed Rezk, Deputy Representative - UNIDO Egypt, UNIDO
Part 1: Presentation (OECD and UNIDO)	
14:10 – 14:20	Presentation of UNIDO's Global Programme for Hydrogen in Industry in Egypt <ul style="list-style-type: none"> - Pablo Navacerrada, Hydrogen Project Coordinator, UNIDO
14:20 – 14:30	Presentation of OECD's low carbon hydrogen implementation approach <ul style="list-style-type: none"> - Moongyung Lee, Policy Analyst, OECD
14:30 – 15:00	Coffee break
Part 2: Roundtable (Moderator: Moongyung Lee, Policy Analyst, OECD)	
15:00 – 15:20	Egypt's strategic approach on low carbon hydrogen <ul style="list-style-type: none"> - Ayman Soliman, CEO, Sovereign Fund of Egypt - Waleid Gamaleldien, Chairman, Suez Canal Economic Zone - Roberto Gonzalez, Principle, Sustainable Business & Infrastructure, EBRD
15:20 – 15:40	Promote stronger international coordination to promote low carbon hydrogen <ul style="list-style-type: none"> - Laura Wiehler, Renewable Energy and Green Hydrogen Advisor, German Agency for International Cooperation (GIZ) - Sylvie Mahieu, Head of Private Sector Operations. African Development Bank - Iskander Ezzerelli, Senior Investment Officer, European Investment Bank
15:40 – 16:00	Current project development landscape <ul style="list-style-type: none"> - Karim Ahmed, Business Advisor & Head of Government Affairs, Siemens - Borhan Elsayed, Business Development and New Initiative Manager, ENI - Marwan Assar, Business Developer – Green Hydrogen & Egypt, Scatec ASA - Ahmed Salem, Chief Project Director, Maersk - Karim Hefzy, Chief Operating Officer, Hassan Allam Masdar Infinity
Part 3: Closing	
16:00 – 16:15	Feedbacks and updates from stakeholders on providing technical and financial assistance around low carbon hydrogen.
16:15 – 16:30	Close the meeting: <ul style="list-style-type: none"> - Deger Saygin, Industry Programme Lead ,OECD Environment Directorate - Pablo Navacerrada, Hydrogen Project Coordinator, UNIDO