

# Sweden



## Key Link

- [PFASs in the action plan for a toxic-free everyday environment](#) (selected parts of the original report 6/17)

## Recent Initiatives

A [report](#) was recently published that presents results from the Swedish Chemicals Agency's work on PFASs relating to Sweden's Action Plan for a toxic-free everyday environment and describes further efforts that are needed.

The Swedish Chemicals Agency decided that companies are required to provide information on highly fluorinated substances (PFASs) for the agency's Products Register. The new provisions came into force on 1<sup>st</sup> January 2019. As a result, information concerning PFASs will have to be reported to the Products Register starting from February 2020.

## Overview of risk reduction approaches

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Sweden addresses certain PFASs through EU Regulations. The Swedish Chemicals Agency (CA) (KemI) has been assigned by the Swedish government to develop a national action plan with the aim to increase the safety of drinking water supplies. In December 2010, the Swedish Government assigned KemI to prepare and implement an action plan for a toxic-free everyday environment: Action plan for a toxic-free everyday environment 2011 – 2014. The Action Plan has been prolonged to 2020. One focal area for the action plan is highly fluorinated substances (PFASs). A [report](#) was prepared to present results from the Swedish Chemicals Agency's work on PFASs relating to the Action Plan and describes further efforts that are needed.

KemI has also been assigned to investigate potential national and/or EU regulations and other measurements (specifically for firefighting foams but other uses may also be considered). Within the national action plan the Swedish CA is also performing a survey of different PFASs and their uses on the market and the occurrence of alternatives. The Swedish CA will also work for an EU-action plan for the group of PFAS substances. In addition there are also activities by other Swedish agencies.

**Table with key elements of risk reduction approaches**

Action	Path taken	BEPs Implemented	Category of PFASs addressed	Articles covered?	Life cycle stage(s) addressed	Method of approach	Public-private partnership encouraged?	Level of constraint
Analysis of PFAS in fire-fighting foams	Monitoring	Not relevant	Both target (19 different PFASs) and non-target screening analysis	Yes	Use in products	Analysis	No	None
Development of a national action plan for PFAS	Political target to reduce the use and emissions that will lead to exposure to humans via drinking water. Increase knowledge for PFASs	Not relevant	All PFASs	Yes	Whole life cycle	Voluntary, Regulatory	Yes	Potentially regulations and/or voluntary agreement
Investigating and if needed suggest national and/or EU regulations and other measurements, specially for fire-fighting foams	Manage the manufacture, sale, import and export	Not relevant	All PFASs	Yes	Use in products and articles	Voluntary and regulatory	Yes	Potentially regulations and/or voluntary agreement
Mapping of uses and applications of PFAs and the alternatives on the market	Literature survey	Not relevant	All PFASs	Yes	Use in products and articles	Literature survey	No	None

Action value for drinking water	Manage exposure	Water management	Sum of seven PFAS (PFOA, PFHpA, PFHxA, PFPeA, PFOS, PFHxS, PFBS)	No	Product use?	Regulatory	No	Water treatment measures Monitoring
Collection of analytical data of PFAS in drinking water from Swedish municipalities	Risk assessment	-	All PFASs	-	Discharges from all life cycles are addressed	Voluntary	Yes	Voluntary agreements Monitoring
Monitoring and screening of PFASs in the environment	Continuous monitoring	Not relevant	-	No	Discharges from all life cycles are addressed	Analysis	No	Monitoring
Development of preliminary guidelines values for PFAS in soil and groundwater	-	Not relevant	-	No	Discharges from all life cycles are addressed	Analysis	No	Basis for the preparation of general guidelines regarding remediation of PFAS-contaminated areas
Proposal for Environmental Quality Standard level for PFOS in groundwater body	-	-	PFOS	-	-	Regulatory	-	-

## Additional resources

- [Occurrence and use of highly fluorinated substances and alternatives](#) (2015).