

Novel tools for an integrated governance of pollution from Perfluorinated Compounds

Lessons from the LIFE PHOENIX Project

Scientific program		Chairman
24 February 2021	Management of PFAS pollution in the framework of Water Safety Plans	Stefano Polesello - Institute for Water Research (IRSA-CNR), Italy
3 March 2021	Modelling and monitoring legacy and emerging PFAS pollution at a catchment scale	Massimo Mazzola - Veneto Regional Agency for Environment Protection (ARPAV), Italy
10 March 2021	Impact of PFAS on agricultural soil and plants	Stefano Polesello - Institute for Water Research (IRSA-CNR), Italy



Management of PFAS pollution in the framework of the new Drinking Water Directive

Scientific program

10:00	Brief introduction on the LIFE PHOENIX Project	Vanessa Groppi
10:15	The LIFE PHOENIX information and statistic system	Gisella Pitter, Nadia Raccanello
10:45	Presentation of the LIFE PHOENIX Management Guidelines	Stefano Polesello
11:00	Integration of data in health, environment and climate issues	Luca Lucentini
11:15	PFAS screening in France and source identification for human exposure assessment	Xavier Dauchy
11:30	PFAS in the Netherlands: new challenges and developments for risk assessment	Eric Verbruggen
11:45	Final remarks and discussion	



Webinar – 24 February 2021

Management of PFAS pollution in the framework of the new Drinking Water Directive

Final Remarks



WITH THE CONTRIBUTION OF THE LIFE FINANCIAL
INSTRUMENT OF THE EUROPEAN UNION
LIFE16ENV/IT/000488 - LIFE PHOENIX

Lessons from the EU contributions

- There is a need for wide screening programs, involving all human and environmental compartments (air, soil, sediment, and waters) because the physico-chemical characteristics of PFAS are so wide
- Development of Non Target Monitoring: are we looking for the right PFAS in the right matrix?
- Integration of screening data with hazard data for a correct risk assessment
- Integration of experimental and predicted toxicological and ecotox data. Need for validation of predicted ones

Lessons from the LIFE PHOENIX Project

- Tackling complex problems requires complex working methods
 - Monitoring and early warning
 - Risk assessment
 - Modeling and forecasting
 - Science&policy decision
- Co-operation needs a formal institutional framework
- Sharing data is a good point of departure

Way forward (after project end)

- Create a stable, multidisciplinary group of people working on the information system
- Actively involve data providers
- Expand data sources and features of the information system
- Make the information system available for data providers (such as Water Companies for WSP)
- Use the information system for the risk assessment exercise



**Water Safety
Plans**

Way forward (after project end)

- Possible role of cooperation between partners of LIFE PHOENIX and EU institutions within Partnership for the Assessment of Risk from Chemicals “PARC” lead by ANSES
- PARC is an EU-wide research and innovation programme to support EU and national chemical risk assessment and risk management bodies with new data, knowledge, methods, networks and skills to address current, emerging and novel chemical safety challenges
- It will facilitate the transition to next generation risk assessment to better protect human health and the environment, in line with the Green Deal’s zero-pollution ambition for a toxic free environment and will be an enabler for the EU Chemicals Strategy for sustainability



Thank all of you for your
partecipaption.
See on next Wednesday