



INCITE

3rd INCITE WORKSHOP - INNOVATIVE TECHNIQUES FOR THE MANAGEMENT OF PFAS IN SECTORS UNDER THE SCOPE OF THE INDUSTRIAL EMISSIONS DIRECTIVE

5 to 6 May 2026 at the JRC Seville, Spain.

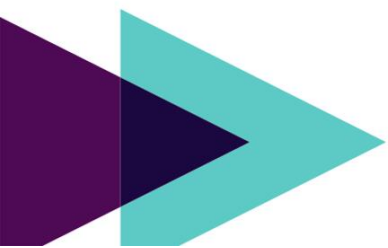
The Industrial Emissions Directive (IED) plays a pivotal role in addressing environmental challenges posed by industrial activities across the European Union. Per- and polyfluoroalkyl substances (PFAS), a group of persistent, bioaccumulative and toxic chemicals, represent a critical area of focus due to their widespread use in industrial processes, their resistance to conventional treatment methods and their potential to contaminate air, water and soil. Managing PFAS emissions — whether from their production, use in IED sectors (e.g. textiles, chemical manufacturing), or waste management streams — demands urgent innovation and cross-sectoral collaboration to align with EU priorities for zero pollution, climate neutrality and circular economy goals.

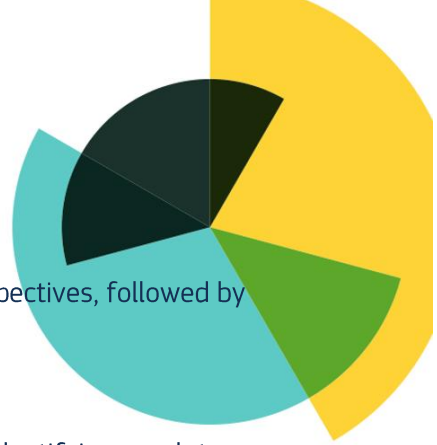
The Innovation Centre for Industrial Transformation and Emissions (INCITE) operated by the Joint Research Centre (JRC) in Seville, in collaboration with Hazardous Waste Europe, is organising a two-day workshop (5–6 May 2026, Seville, Spain) which brings together a wide array of stakeholders— including industry leaders, technology providers, MS competent authorities, research and technology organisations, academia, environmental NGOs, and relevant EU actors (e.g. Commission services, ECHA, EEA)—to advance the frontier of PFAS management. The event is designed to foster dialogue, share cutting-edge solutions and accelerate the adoption of innovative technologies and practices to mitigate PFAS emissions across the industrial life cycle.

Scope

The workshop will focus on the following core areas:

- **Policy and Regulatory Context:** Providing updates on the EU’s evolving PFAS management framework under the IED, including insights from key EU actors (ECHA, DG ENV, DG GROW) and Member State (MS) competent authorities.
- **Monitoring of PFAS, e.g. in air / water emissions:** Highlighting breakthroughs in PFAS detection, including sensor technologies and rapid analytical methods for air, water and other matrices.
- **Current advancements in PFAS substitution techniques or technologies for minimising the use of PFAS,** including strategies to reduce reliance on PFAS in industrial processes.
- **State-of-the-art technologies for treating PFAS emissions** (e.g. to air / water) through advanced sorption, separation or destruction approaches.





Objectives

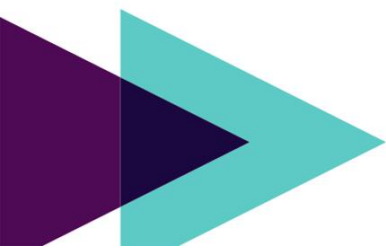
The workshop will open with sessions on policy, regulation and stakeholder perspectives, followed by in-depth technical discussions on PFAS substitution, monitoring and treatment.

The key workshop objectives are summarised below:

- **To provide policy updates on PFAS management in IED sectors:** Identifying regulatory expectations and potential / identified gaps in PFAS management across industrial sectors.
- **To look at innovation in PFAS monitoring:** Addressing scope / limitations and applicability (e.g. matrix effects) / performance detection levels / standardisation needs of key monitoring methods.
- **To identify PFAS substitution technologies:** Evaluating the potential of viable alternatives to PFAS and assess their feasibility, cost and compatibility with industrial operations.
- **To consider PFAS management and treatment technologies:** Evaluating the performance of such technologies in terms of scope (PFAS compounds targeted), degree of maturity (TRL), applicability, abatement efficiency / costs and environmental impact.
- **Stimulating discussions among stakeholders** (e.g. industry, technology providers, regulators, financiers, academia) to answer critical questions about PFAS management technologies.
- **Mobilising stakeholders to engage with INCITE by sharing technical data** on innovative technologies and their environmental performance in relation to PFAS.

Outcome

All technical insights and innovations presented will be compiled into the 2nd INCITE annual report (planned for early 2027), serving as a critical resource for policymakers, industry, financial actors and researchers.



DAY 1 - 5th May 2026**WORKSHOP INTRODUCTION**

Welcome of participants	Serge Roudier Head of EU-BRITE - JRC B5	9:00 - 9:10
INCITE introduction	Sara Tejedor Scientific Officer – JRC B5	9:10 - 9:20
Workshop objectives	Nicolas Humez Director of Industrial Performance and Innovation Hazardous Waste Europe	9:20 - 9:30
Policy Context <ul style="list-style-type: none"> REACH - Universal Restriction on PFAS 	<u>Mercedes Marquez Camacho</u> (online) – Team Leader in Restrictions Opinion Making ECHA	10:30 - 10:50
Policy Context <ul style="list-style-type: none"> PFAS pollution in Europe 	<u>Juan Calero</u> – Expert – Industry and the environment EEA	10:50 - 11:10
Coffee Break		11:10 - 11:40

Policy Context	<u>Viviane Andre</u> (online) - Policy Officer C4 <u>Keir McAndrew</u> - Policy Officer-Industrial Emissions & Safety B2 DG ENV	11:40 - 12:35
	<u>Otto Linher</u> - Senior Expert REACH F1 <u>Denis Mottet</u> - Policy Officer REACH F1 DG GROW F1	
	tbc RTD E3	

Member States (MS) perspectives on PFAS management in products and in emissions	tbc DE representative <u>Claire Durlin</u> - Technical Research Manager FR representative	12:35 - 13:05
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Manufacturing and abatement of PFAS	<u>Caroline Andersson</u> - Director Fluoro Polymers Group of Plastics Europe	13:05 - 13:25
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Lunch including Group Picture in the 'Edificio Expo patio' 13:25 - 14:25

Role and potential environmental impact of PFAS in the energy sector	<u>Francesco Dolci</u> – Team Leader Battery and Hydrogen Technologies JRC C1	14:25 - 14:45
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PFAS SUBSTITUTION

Introduction to substitution of PFAS management	<u>Patrick Maestro</u> – Secrétaire Général d'Euro-CASE Académie des Technologies	14:45 - 15:05
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Why is substitution necessary for water quality	tbc Eureau	15:05 - 15:25
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Why is substitution necessary for civil society	<u>Christine Hermann</u> – Policy Officer for Chemicals EEB	15:25 - 15:45
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Alternatives to PFAS	<u>Jonatan Kleimark</u> – Director of Programmes Chemsec	15:45 - 16:05
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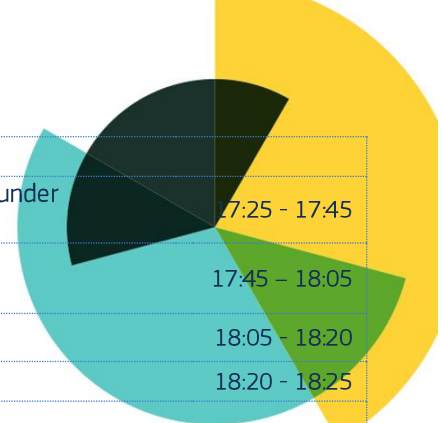
Discussions & Questions on PFAS substitution		16:05 - 16:20
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Coffee Break 16:20 - 16:45**STATE-OF-PLAY ON THE MONITORING OF PFAS EMISSIONS (e.g. to air, water)**

Introduction to detection & monitoring	Tbc	16:45 - 17:05
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Analytical Methods	<u>Stefan Voorpoels</u> - Project manager, Sustainable Chemistry Unit	17:05 - 17:25
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	VITO	
Water - Disruptive Tech monitoring with sensors	<u>Vincent Bouchiat</u> – CEO and Co-founder Grpheap	17:25 - 17:45
Air - Disruptive Tech monitoring for channelled emissions	tbc Real-time technology provider	17:45 - 18:05
Discussions & Questions on the monitoring of PFAS		18:05 - 18:20
Close of Day 1		18:20 - 18:25
Networking self-paid dinner at Mercado del Barranco		19:30 - 21:30



Day 2 – 6th May 2026		
Introduction to the 2 nd day of the workshop	Sara Tejedor Sanz Scientific Officer – JRC B5	9:00 - 9:10
TECHNICAL INNOVATION IN SORPTION/SEPARATION OF PFAS		
Current industrially developed solutions	<u>Gabriel Sigmund</u> – Assistant Professor Wageningen University	9:10 - 9:30
Membrane Technologies	<u>Tina Arrowood</u> – Global Technology Manager, Growth and Sustainability Dupont	9:30 - 10:00
Foam Fractionation	<u>Helena Hinrichsen</u> - CEO and Partner OPEC/Cornelsenn	10:00 - 10:30
Coffee Break		10:30 – 11:00
Foam fractioning and other separation technologies	tbc ARCADIS	11:00 - 11:30
Discussions & Questions on sorption / separation technologies		11:30 – 11:45
TECHNICAL INNOVATION IN DESTRUCTION OF PFAS		
Current industrially developed solutions	<u>Gabriel Sigmund</u> – Assistant Professor Wageningen University	11:45 - 12:05
Non-thermal plasma technology	<u>Wouter de Weirdt</u> - CEO TECTERO	12:05 - 12:35
Super Critical Water Oxidation	<u>Rick Gillespie</u> Revive	12:35 - 13:05
Lunch		13:05 - 14:05
Ultraviolet (UV) Technology	<u>John Brockgreitens</u> - Vice President of Product Development CLAROS	14:05 - 14:35
Biological technologies in soil and water	<u>Geoffrey Besnier</u> - Co-founder and COO CellX	14:35 - 15:05
Sonolysis	<u>Benjamin Laulier</u> - Business Unit Manager Liquid Processing Sinaptec & Poitier University	15:05 - 15:35
Coffee Break		15:35 - 16:05
e-Beam	<u>Stephane Lucas</u> – Chief Innovation Officer Ion Beam Applications (IBA)	16:05 - 16:35
Discussions & Questions on PFAS destruction technologies		16:35 - 16:55
Wrap-up / Summary	Sara Tejedor Sanz Scientific Officer – JRC B5	16:55 - 17:20
Workshop closure	Eric Aries EU-BRITE – JRC B5	17:20 - 17:30

