



# INCITE

## 3<sup>rd</sup> 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.**

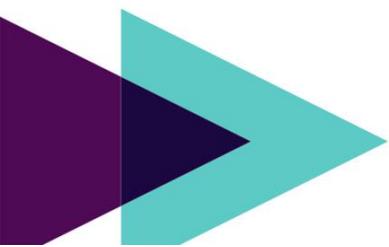
The Industrial Emissions Directive (IED) plays a pivotal role in addressing environmental challenges posed by industrial activities across the European Union. Per- and polyfluoroalkyl substances (PFAS), a group of persistent, bioaccumulative and toxic chemicals, represent a critical area of focus due 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.

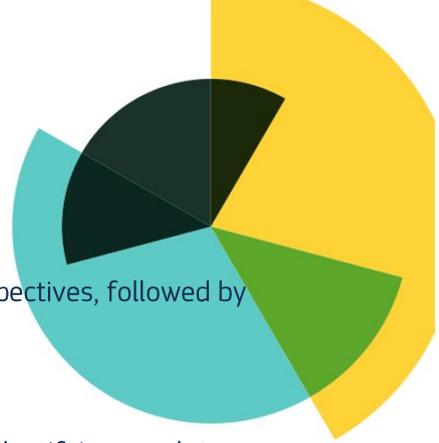
The Innovation Centre for Industrial Transformation and Emissions (INCITE) operated by the Joint Research Centre (JRC) in Seville, in collaboration with Hazardous Waste Europe, is organising a two-day workshop (5–6 May 2026, Seville, Spain) which brings together a wide array of stakeholders— including 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

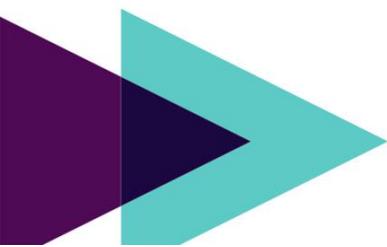
The workshop will open with sessions on policy, regulation and stakeholder perspectives, followed by in-depth technical discussions on PFAS substitution, monitoring and treatment.

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 2<sup>nd</sup> INCITE annual report (planned for early 2027), serving as a critical resource for policymakers, industry, financial actors and researchers.**



<b>DAY 1 - 5<sup>th</sup> May 2026</b>		
<b>WORKSHOP INTRODUCTION</b>		
Welcome of participants	<b>Caroline Lambert</b> Head of Unit–Circular economy and sustainable industry - JRC B5	9:00 – 9:10
INCITE introduction	<b>Sara Tejedor</b> Scientific Officer – JRC B5	9:10 – 9:20
Policy Context <ul style="list-style-type: none"> <li>REACH - Universal Restriction on PFAS</li> </ul>	<b>ECHA representative</b> Mercedes Marquez Camacho - online	9:20 – 9:40
Policy Context <ul style="list-style-type: none"> <li>PFAS pollution in Europe</li> </ul>	<b>EEA representative</b> Juan Calero	9:40 – 10:00
Policy Context	<b>DG ENV C4 and B2</b> Viviane Andre, and Keir McAndrew <b>DG GROW</b> Otto Linher/Denis Mottet <b>RTD E3?</b> tbc	10:00 – 10:55
Workshop objectives	<b>Nicolas Humez</b> HWE	10:55 – 11:10
Coffee Break		11:10 – 11:40
Member States (MS) perspectives on PFAS management in products and in emissions	<b>DE representative</b> tbc <b>FR representative</b> Claire Durlin	11:40 – 12:20
Manufacturing and abatement of PFAS	<b>Fluoro Polymers Group of Plastics Europe</b> tbc	12:20 – 12:40
Role and potential environmental impact of PFAS in the energy sector	<b>JRC C1</b> Francesco Dolci	12:40 – 13:00
<b>PFAS SUBSTITUTION</b>		
Introduction to substitution of PFAS management	<b>Patrick Maestro</b> Académie des Technologies	13:00 – 13:20
Lunch including Group Picture in the 'Edificio Expo patio'		13:20 – 14:20
Why is substitution necessary for water quality	<b>Eureau</b> tbd	14:20 – 14:45
Why is substitution necessary for civil society	<b>EEB</b> Christine Hermann	14:45 – 15:10
Alternatives to PFAS	<b>Chemsec</b> Jonatan Kleimark	15:10 – 15:35
Discussions & Questions on PFAS substitution		15:35 – 15:40
<b>STATE-OF-PLAY ON THE MONITORING OF PFAS EMISSIONS (e.g. to air, water)</b>		
Introduction to detection & monitoring	<b>Tbc</b>	15:50 – 16:10
Coffee Break		16:10 – 16:35
Analytical Methods	<b>VITO</b> Stefan Voorpoels	16:35 – 17:00
Water - Disruptive Tech monitoring with sensors	<b>Vincent Bouchiat</b> Grapheal	17:00 – 17:25
Air - Disruptive Tech monitoring for channelled emissions	<b>Real-time technology provider</b> tbc	17:25 – 17:50
Discussions & Questions on the monitoring of PFAS		17:50 – 18:05
<b>Close of Day 1</b>		18:05 – 18:10

<b>Day 2 – 6<sup>th</sup> May 2026</b>		
Introduction to the 2 <sup>nd</sup> day of the workshop	<b>Sara Tejedor Sanz</b> Scientific Officer – JRC B5	9:00 - 9:10
<b>TECHNICAL INNOVATION IN SORPTION/SEPARATION OF PFAS</b>		
Current industrially developed solutions	<b>Gabriel Sigmund</b> Wageningen University	9:10 - 9:30
Membrane Technologies	<b>Dupont</b> Tina Arrowood	9:30 - 10:00
Foam Fractionation	<b>OPEC/Cornelsenn</b> Helena Hinrichsen	10:00 - 10:30
Coffee Break		10:30 - 11:00
Foam fractioning and other separation technologies	<b>ARCADIS</b> tbc	11:00 - 11:30
Discussions & Questions on sorption / separation technologies		11:30 - 11:45
<b>TECHNICAL INNOVATION IN DESTRUCTION OF PFAS</b>		
Current industrially developed solutions	<b>Gabriel Sigmund</b> Wageningen University	11:45 - 12:05
Non-thermal plasma technology	<b>TECTERO</b> Wouter de Weirdt	12:05 - 12:35
Super Critical Water Oxidation	<b>Revive</b> Rick Gillespie	12:35 - 13:05
Lunch		13:05 - 14:05
Ultraviolet (UV) Technology	<b>CLAROS</b> John/Lucas/ Arick-tbd	14:05 - 14:35
Biological technologies in soil and water	<b>CellX</b> Geoffrey Besnier	14:35 - 15:05
Sonolysis	<b>Sinaptec &amp; Poitier University</b> Benjamin Lauhier	15:05 - 15:35
Coffee Break		15:35 - 16:05
e-Beam	<b>IBA representative</b> Aude Smeets	16:05 - 16:35
Discussions & Questions on PFAS destruction technologies		16:35 - 16:55
<b>Wrap-up / Summary</b>	<b>Sara Tejedor Sanz</b> Scientific Officer – JRC B5	16:55 - 17:20
<b>Workshop closure</b>	<b>Eric Aries</b> EU-BRITE – JRC B5	17:20 - 17:30