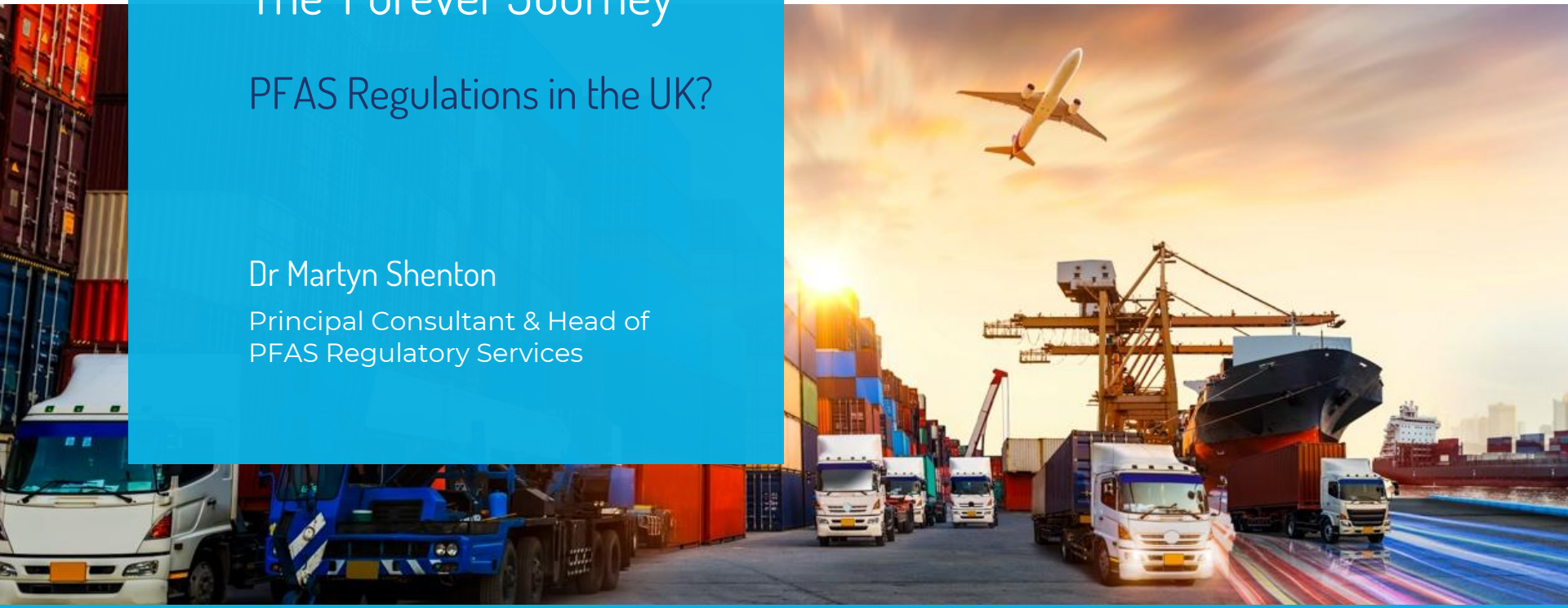
The ‘Forever Journey’

PFAS Regulations in the UK?

Dr Martyn Shenton

Principal Consultant & Head of
PFAS Regulatory Services





Martyn Shenton
Fluoropolymer & PFAS Expert

- PhD in Low Surface Energy Polymers
- > 20 Years Working For UK Fluoropolymer Manufacturer
- Product & Process Safety Roles
- PFAS, Polymers & REACH Consultant at Blue Frog Scientific



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PFAS in the News

Reputation & Liability

BBC NEWS

Residents in contaminated soil legal action threat



Andrew Molloy is one of the residents considering legal action

Yunus Mulla
North West

12 March 2026

More than 60 homeowners living near a former industrial site are considering taking legal action over the presence of a carcinogenic chemical.

https://www.bbc.co.uk/news/articles/cz0g5yz9yd4o



PFAS in the News

Reputation & Liability

The Guardian UK

Use of toxic Pfas in consumer goods must be urgently restricted, MPs say

Commons committee heard from residents of Yorkshire town with the highest levels of 'forever chemicals' in UK



https://www.theguardian.com/environment/2026/apr/23/use-of-toxic-pfas-in-consumer-goods-must-be-urgently-restricted-mps-say

PFAS in the News
Effective Regulation

The Guardian UK

Sharp drop in 'forever chemicals' in seabird eggs hailed as win for regulation

Levels of Pfas in northern gannet eggs in Canada fell up to 74% over 55-year period of study



Northern gannets on Canada's Bonaventure Island, the birds' largest colony in North America. Photograph: Betend A/Andia/Universal Images Group/Getty Images

https://www.theguardian.com/environment/2026/may/11/pfas-seabird-eggs-forever-chemicals

PFAS Applications
Reputation & Liability



Fluoropolymers
Product Group of Plastics Europe

https://fluoropolymers.eu/essential-uses-of-fps/

PFAS in the News
The Regulatory Journey

Department for Environment, Food & Rural Affairs

Policy paper

PFAS Plan: building a safer future together

Updated 3 February 2026

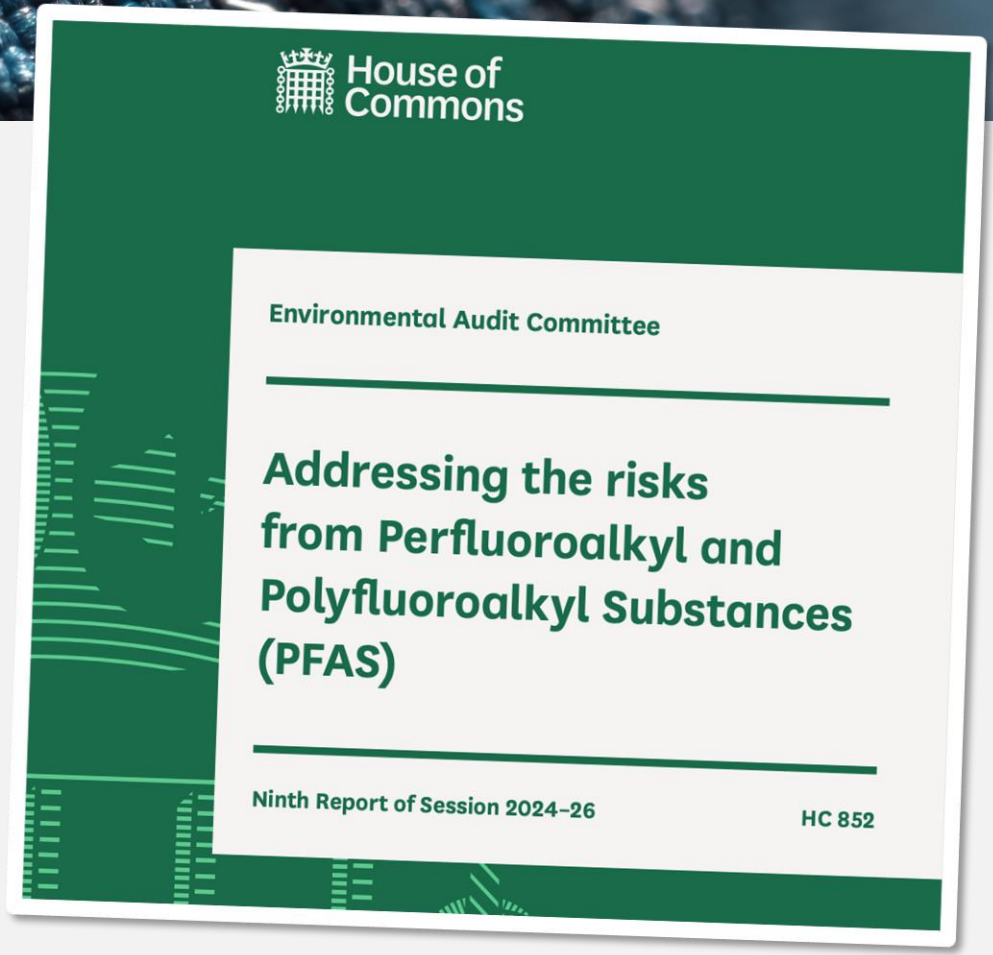
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Our approach
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Next steps
List of indicative actions: Section 1
List of indicative actions: Section 2
List of indicative actions: Section 3



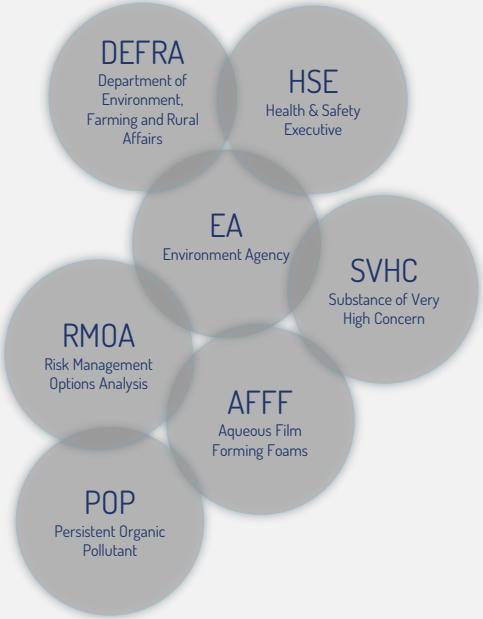
https://www.gov.uk/government/publications/pfas-plan/pfas-plan-building-a-safer-future-together

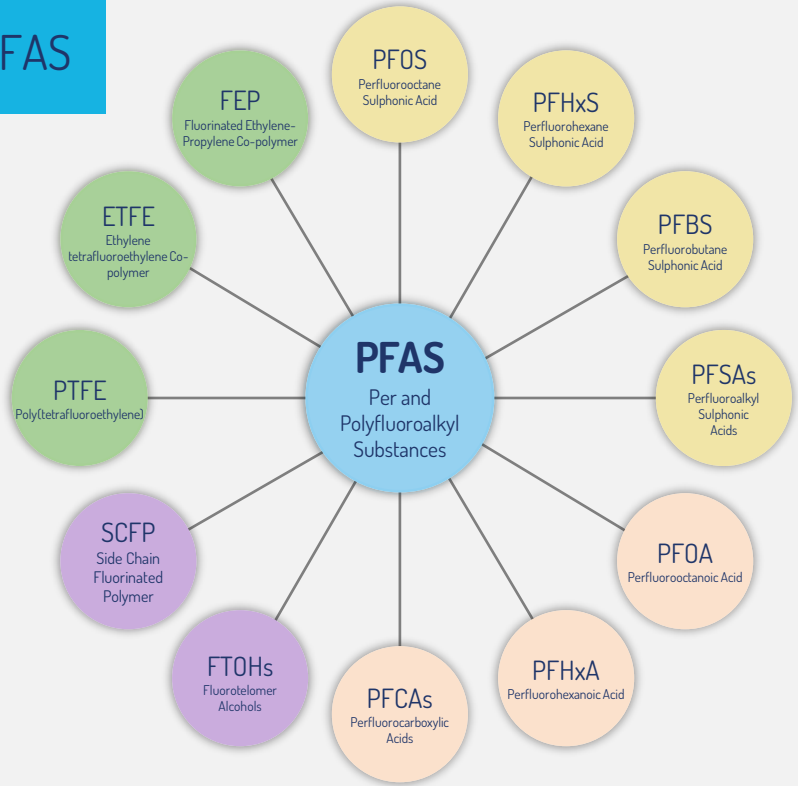
PFAS in the News
The Regulatory Journey

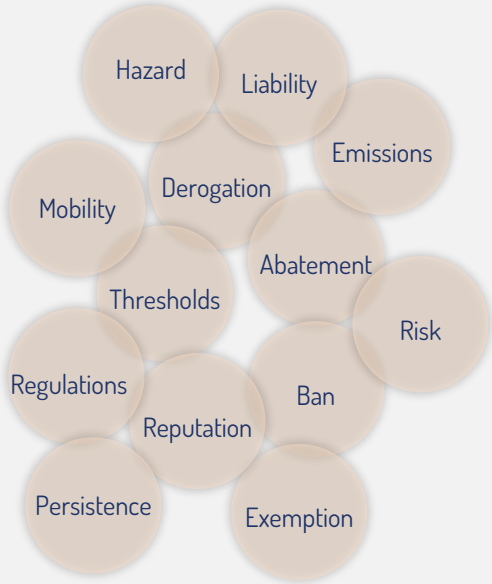


https://committees.parliament.uk/publications/52776/documents/294134/default/

PFAS at a Glance
The Language of PFAS



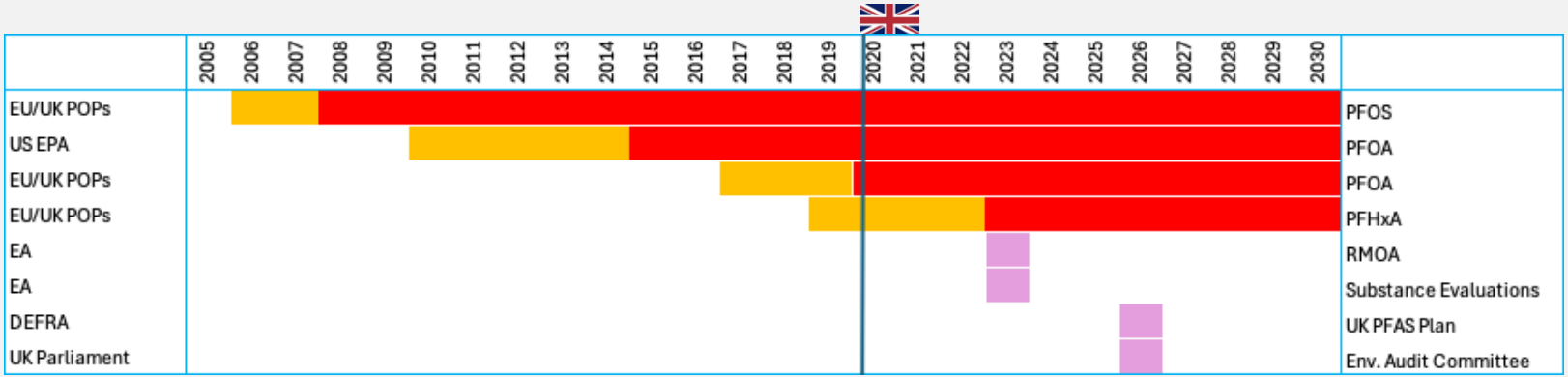




PFAS Regulations

PFAS Regulatory Timeline

- UK PFAS regulations are pre-BREXIT EU regulations
- UK industry needs to comply beyond the UK borders



Global PFAS regulations are getting more complex covering more substances (salts and related substances) and becoming application specific

UK PFAS Plan
Published Feb. 2026

Approach rooted in science and collaboration

Have brought significant benefits to society

Lead global efforts to phase out harmful PFAS



Represent one of the most pressing chemical challenges of our time

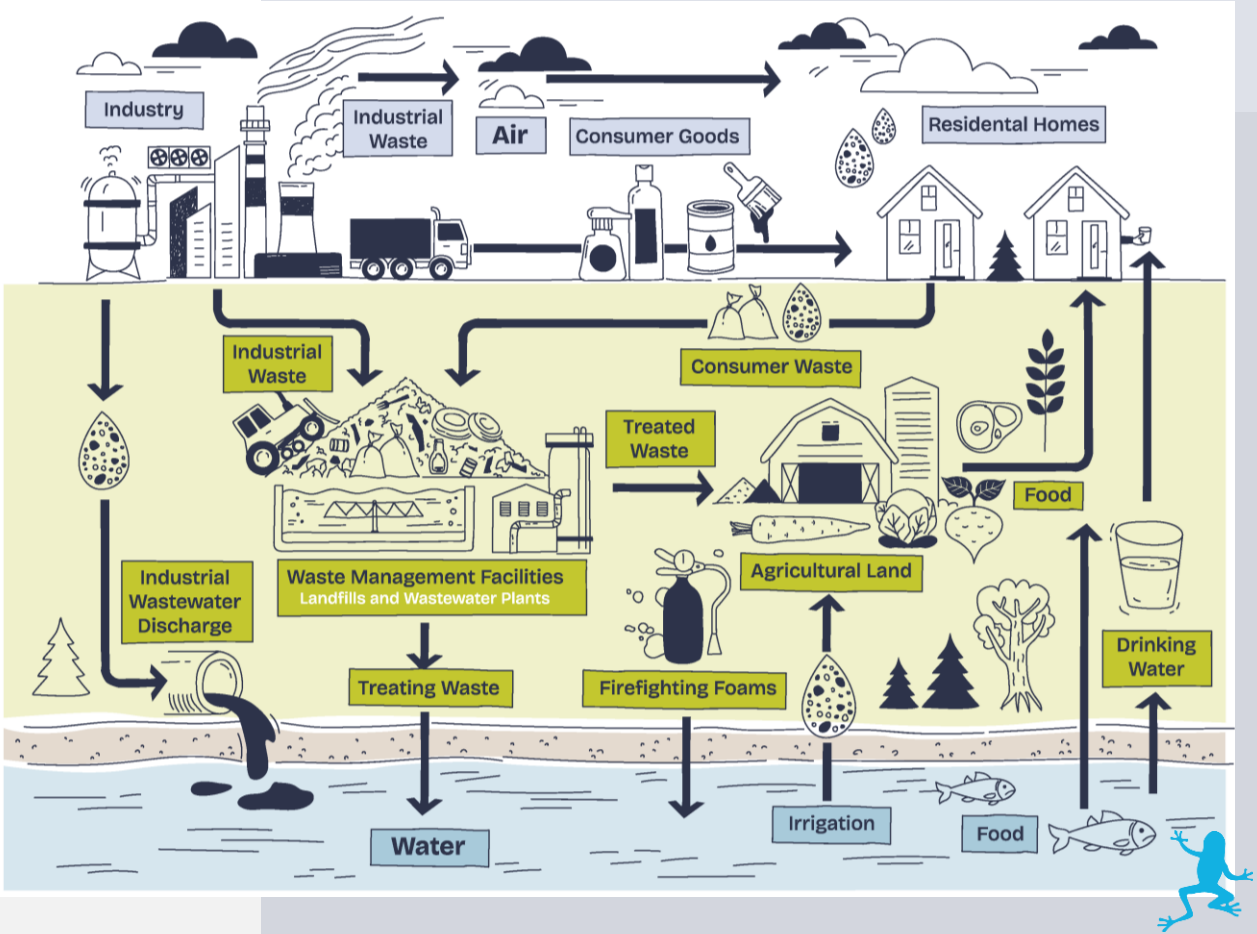
Reduce and minimize the harmful effects of PFAS

Long-term challenge

PFAS contamination threatens public health, wildlife and quality of the natural environment

UK PFAS Plan Highlights

- Understanding PFAS sources
  - Continued environmental monitoring of PFAS
  - Understand lifecycle risks from fluoropolymers
  - Understand human exposure pathways



UK PFAS Plan Highlights

- Tackling PFAS pathways
  - Assessing production and emissions of PFAS
  - Restriction on AFFF
  - Restriction under REACH of PFCAs
  - Propose some PFAS as SVHCs
  - Include some PFAS as POPs
  - Continue to utilize the F-Gas regulation



House of Commons Report Highlights

- Understanding PFAS sources
- Tackling PFAS pathways
- Reducing ongoing exposure to PFAS
- Continued environmental monitoring of PFAS
- Understand lifecycle risks from fluoropolymers
- Understand human exposure pathways



Does PFAS have a future?
Complex Regulatory Landscape

- EU Universal PFAS Restriction Proposal
- EU Individual PFAS Restrictions
- EU Member State Restrictions
- UK PFAS Plan
- USA Federal and State PFAS Regulations
- Reporting requirements
- Global inconsistency

Substance(s)			EU	UK	USA
PFAS					
Perfluoroalky acids	Perfluorocarboxylic acids	TFA			
		C4-C7 PFCAs			
		PFHxA			
		PFOA, its salts and related substances			
		C9-C14 PFCA			
		LC-PFCA (C9 - C21)			
	Perfluorosulfonic acids	PFBS			
		PFHxS, its salts and related substances			
		PFOS, its salts and related substances			
Fluorinated polymers		Fluoropolymers			
		Fluoroelastomers			
		Side chain fluorinated polymers			
Fluorotelomers					
Perfluoroalkanes/perfluorocycloalkanes					
F-gases					

Regulated	Partially regulated (some USA states)	Regulation proposed	Data gathering

What's Next for PFAS?
The Journey Continues

- Supply chain knowledge
- Increased engagement between PFAS stakeholders and regulators
- Reduced Emissions
- Obsolescence Risks & Reduced PFAS Availability
- Increasing UK & Global PFAS Regulation
- Advances in PFAS Abatement, Recycling & Remediation





PFAS Information Sources

- BBC News: https://www.bbc.co.uk/news/articles/cz0g5yz9yd4o
- BFS PFAS Introduction: https://www.bluefrogscientific.com/regulatory-specialisms/chemicals/pfas/introduction-pfas
- BFS PFAS Regulatory Services: https://www.bluefrogscientific.com/regulatory-specialisms/chemical-regulatory-specialists/pfas-regulatory-consultancy-services
- DEFRA: https://www.gov.uk/government/publications/pfas-plan/pfas-plan-building-a-safer-future-together
- ECHA PFAS: https://echa.europa.eu/hot-topics/perfluoroalkyl-chemicals-pfas
- FPG: https://fluoropolymers.eu/essential-uses-of-fps/
- The Guardian: https://www.theguardian.com/society/2026/mar/14/fetuses-pfas-forever-chemicals
- The Guardian: https://www.theguardian.com/environment/2026/may/11/pfas-seabird-eggs-forever-chemicals
- UK Parliament: https://committees.parliament.uk/committee/62/environmental-audit-committee/news/213259/phase-out-forever-chemicals-in-cookware-and-school-uniforms-mps-urge-in-warning-on-pfas-pollution/
- UK Parliament: https://committees.parliament.uk/publications/52776/documents/294134/default/

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