

CATALYZING THE MARKET TRANSITION AWAY FROM PFAS

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Anna Lennquist, PERFORCE3 PFAS Symposium, Idstein, 30 August 2023



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- Environmental NGO aiming to reduce the use of hazardous substances
- Cooperates with different stakeholders to drive the change to safer chemicals
- Receives funding from the Swedish Government and various charity funds

WHAT WE DO AT CHEMSEC

- Drive the political discussion on hazardous chemicals
- Challenge companies to improve their chemicals management
- Develop online tools to help companies switch to safer chemicals
- Inform investors about risks and opportunities in the chemical industry



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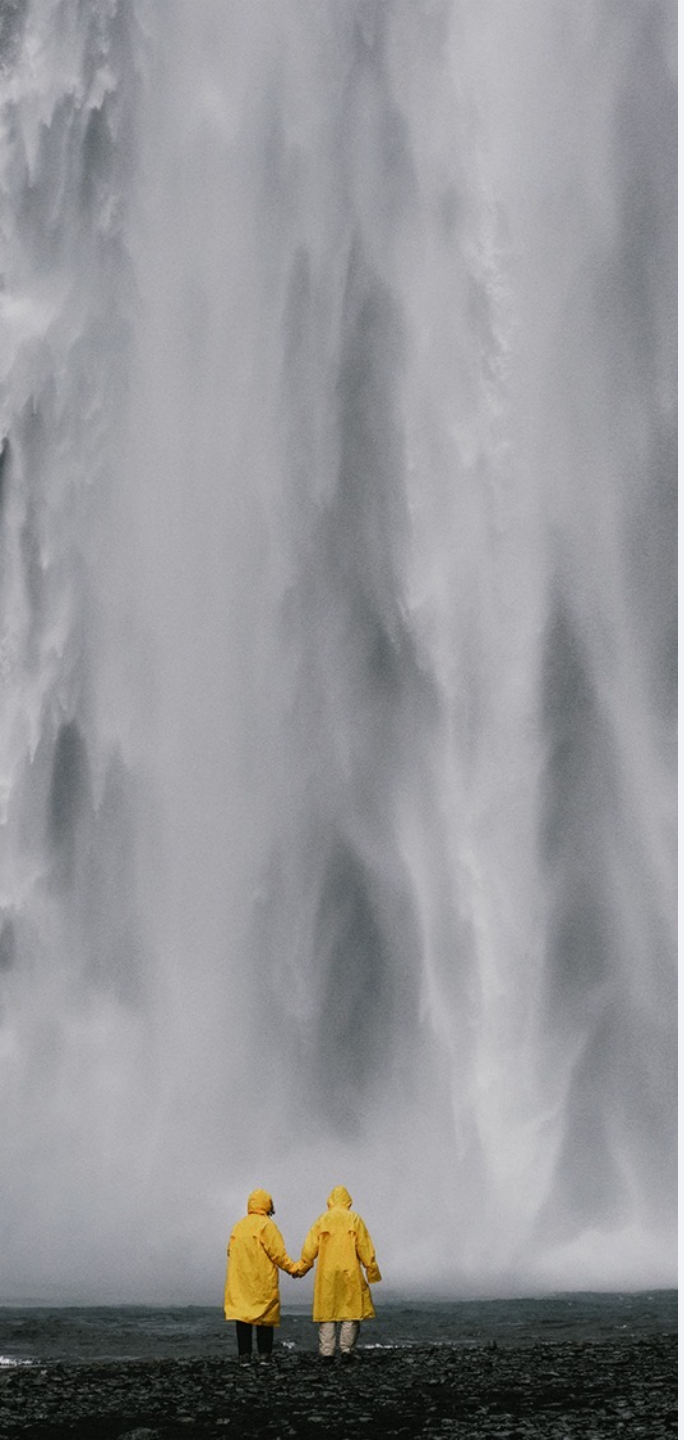












TRANSITIONING THE MARKET IS KEY TO SOLVE THE PFAS CRISIS

Science is clear: PFAS use and production must be limited:

Regulation is the most efficient measure

…but market changes can be quicker, and global

…and regulatory process rely on market maturity

Derogations from PFAS restriction are based on alternatives

WHAT IS NEEDED

- Awareness among companies:

- about the problem

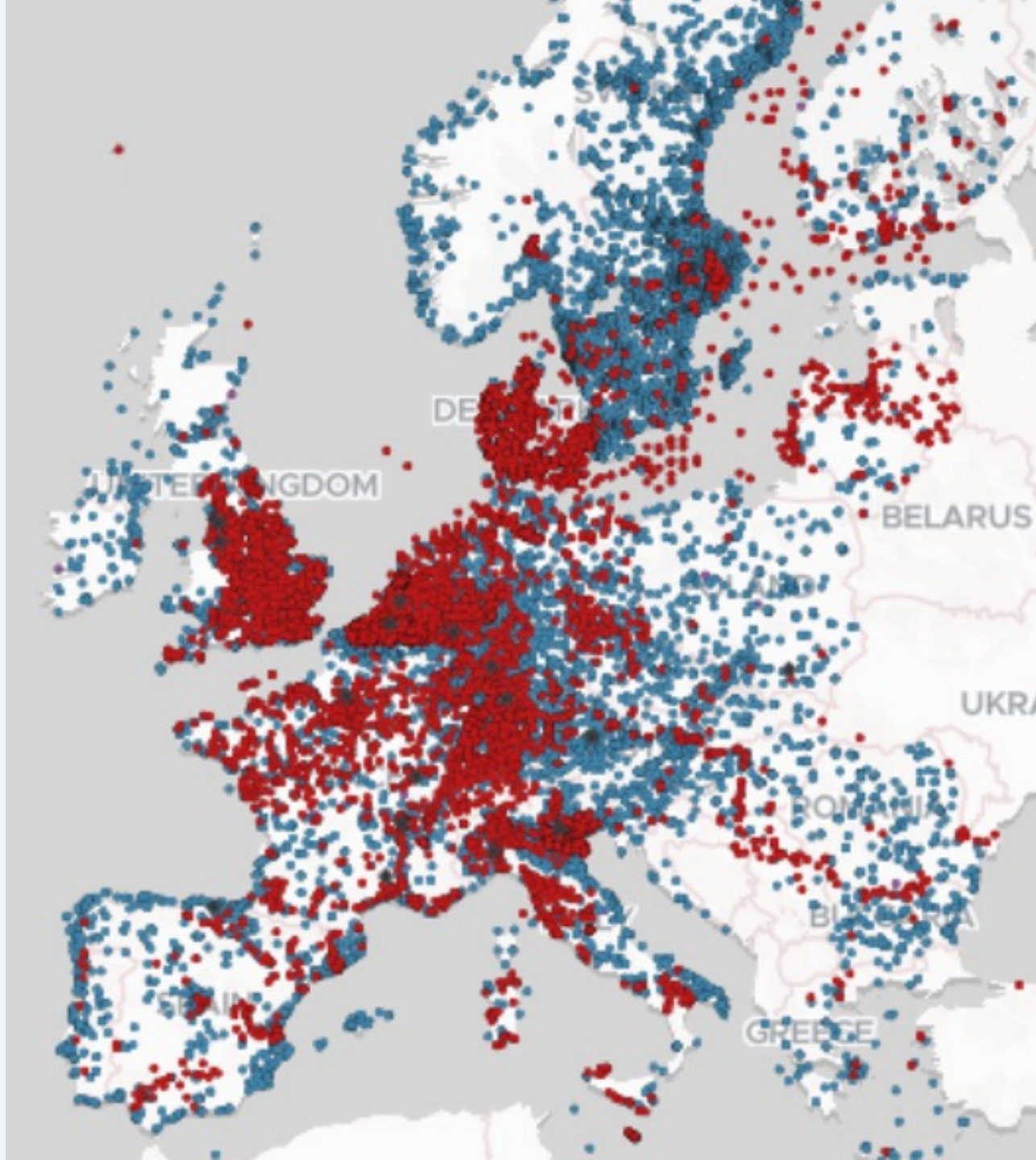
- about where and why PFAS is used

- Knowledge:

- functional substitution of PFAS

- availability of alternatives

- Regulation to follow as expected



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CHEMSEC WORK ON PFAS

- News and and webinars
- PFAS guide
- SIN List
- Marketplace
- PFAS movement
- ChemScore
- Investors initiative
- In part through ZeroPM



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PFAS GUIDE

A tool for mapping if, where and why there is PFAS in your products or processes



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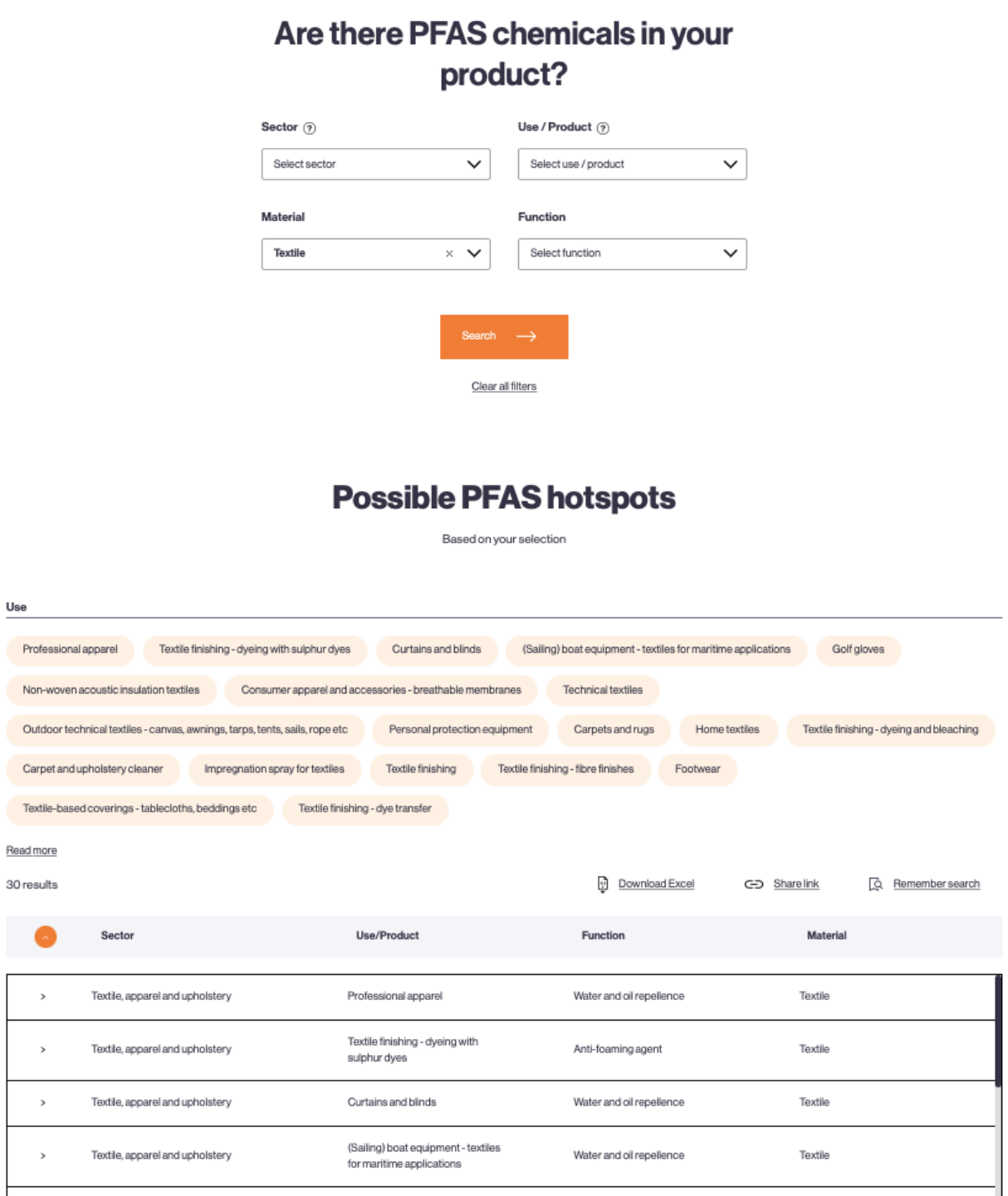
This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101036756.

INFORMATION PART

- Typical PFAS uses, supply chain communication and chemical analysis
- Substitution as a phase-out method. Find, evaluate and compare alternatives
- What are the problems with PFAS? PFAS and human health
- Regulation in the EU and the US
- Links to sector-specific reports



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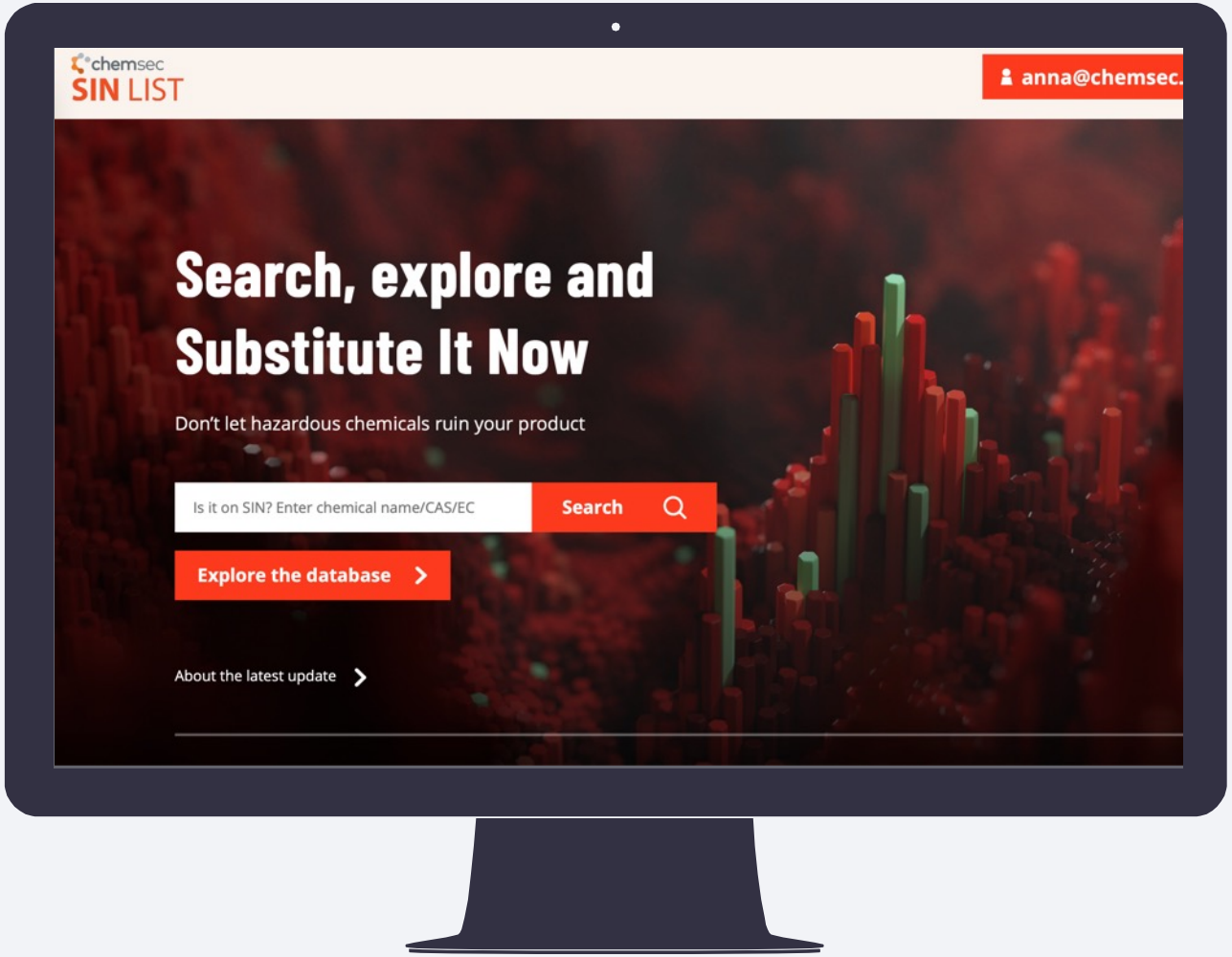


DATABASE PART

- Incorporates information from scientific publications, reports and information from individual companies
- Links to the SIN List and Marketplace
- Links to reports on alternatives
- Let it be a growing source of information!
- pfasguide@chemsec.org

PFAS ON SIN LIST

- OECD 2017: 4,730 substances
- PFAS restriction – 10,000 substances
- PubChem Tree: More than 6 million
- SIN List: 416 PFAS (370 new)
- Which substances are most likely used in processes and products?
- Focus on substances registered in the EU and US and manually checking for uses

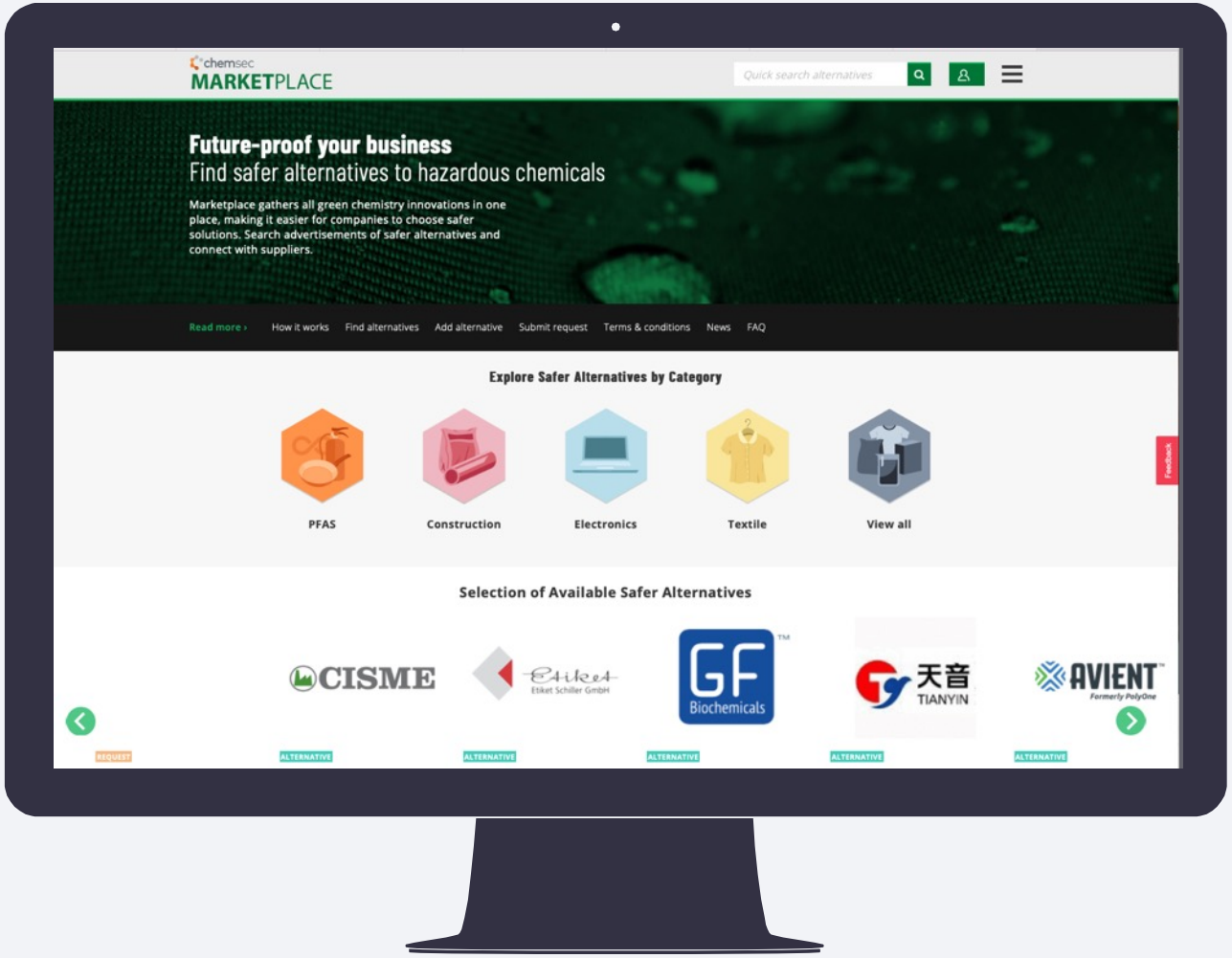


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PFAS ON MARKETPLACE

- Marketplace is a B2B platform to connect providers of safer alternatives with potential buyers
- About 100 alternatives to PFAS (out of 600 + alternatives)
- Mainly DWR, FFF, FCM
- Large and growing interest!



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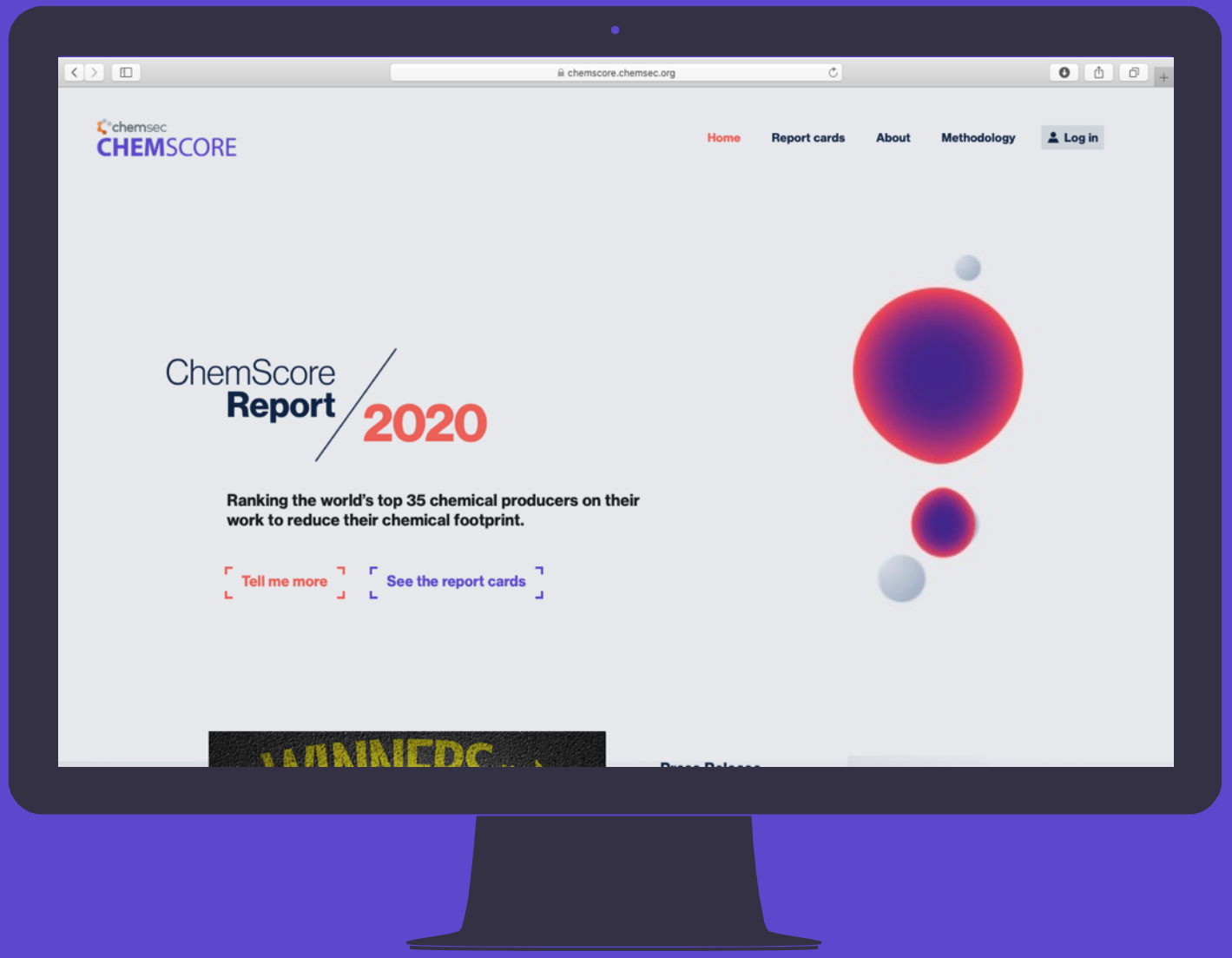
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CHEMSCORE

ChemScore ranks the world's largest chemical producers on their efforts to reduce their chemical footprints.

PFAS production in focus.

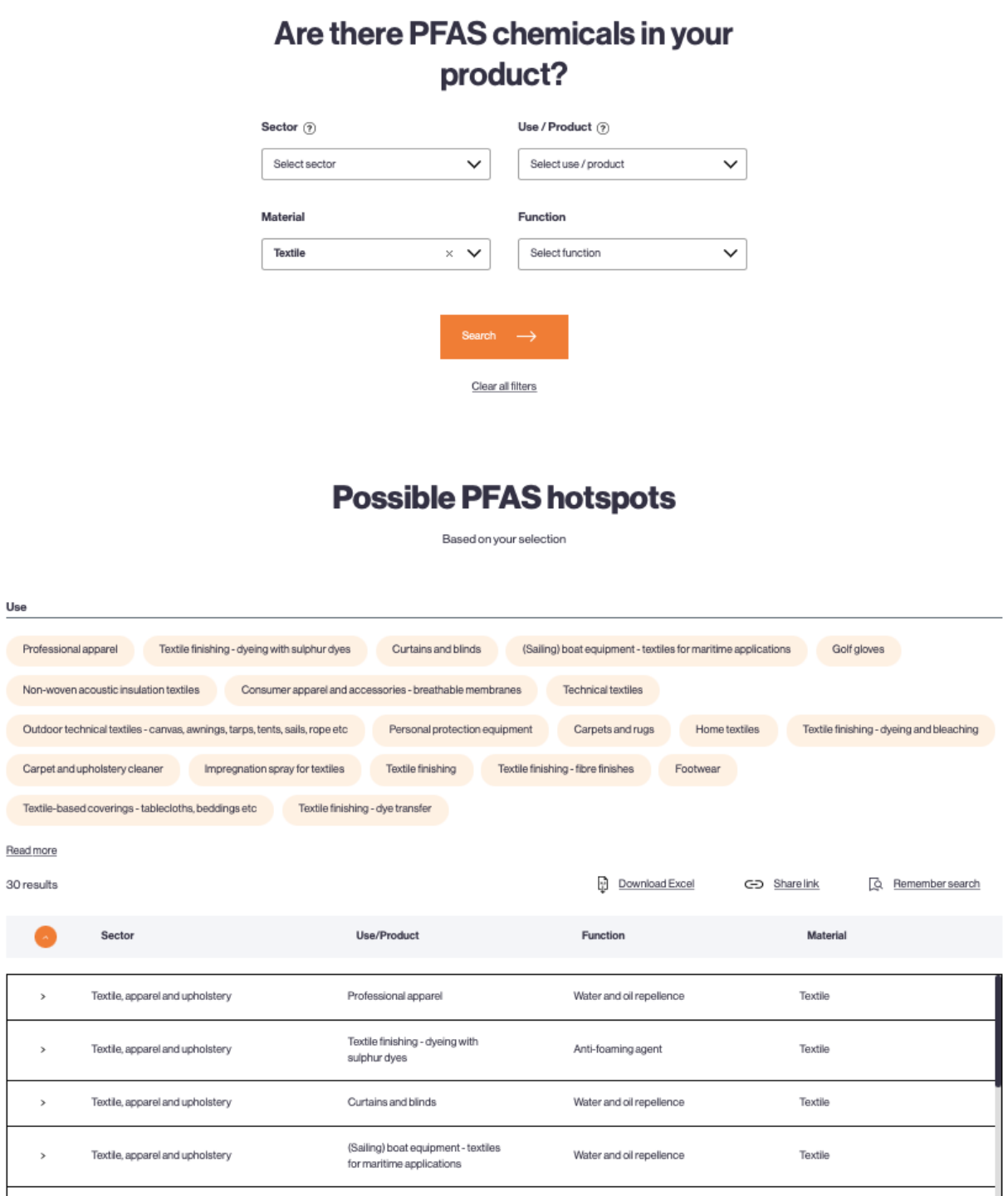


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Investor Initiative on Hazardous Chemicals

Supported by ChemSec





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KEY ASKS:

1. Increase transparency
2. Phase out persistent chemicals
3. Improve the company’s ChemScore



THE PFAS MOVEMENT HAS 100+ MEMBERS

By joining the movement, it means that your company:

- Recognizes that PFAS is a major health and environmental problem
- Supports a group ban on all non-essential PFAS uses
- Have the ambition to phase out all non-essential PFAS uses in products and supply chains, alternatively already have phased it out or never used it

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PFAS MOVEMENT MEMBERS



KEY ASKS TO SCIENTISTS

- Awareness of political processes: timing
- Avoid supporting ”paralysis by analysis”
- Illustrate and clarify the urgency
- Identify and validate ways forward
- Reply to the public consultation on the restriction: Persistency concern, Polymer concern, Waste and emissions, Alternatives



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THANKS FOR LISTENING!

Anna Lennquist

Anna.lennquist@chemsec.org

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STAY IN TOUCH WITH CHEMSEC

- Website: chemsec.org
- How to reply to the public consultation:

https://chemsec.org/all-you-need-to-know-about-the-pfas-restriction-consultation/

- LinkedIn: ChemSec
- Twitter: @chemsec
- Instagram: @_chemsec



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