



CHEMSEC MARKETPLACE & PFAS ALTERNATIVES

WHAT WE DO AT CHEMSEC

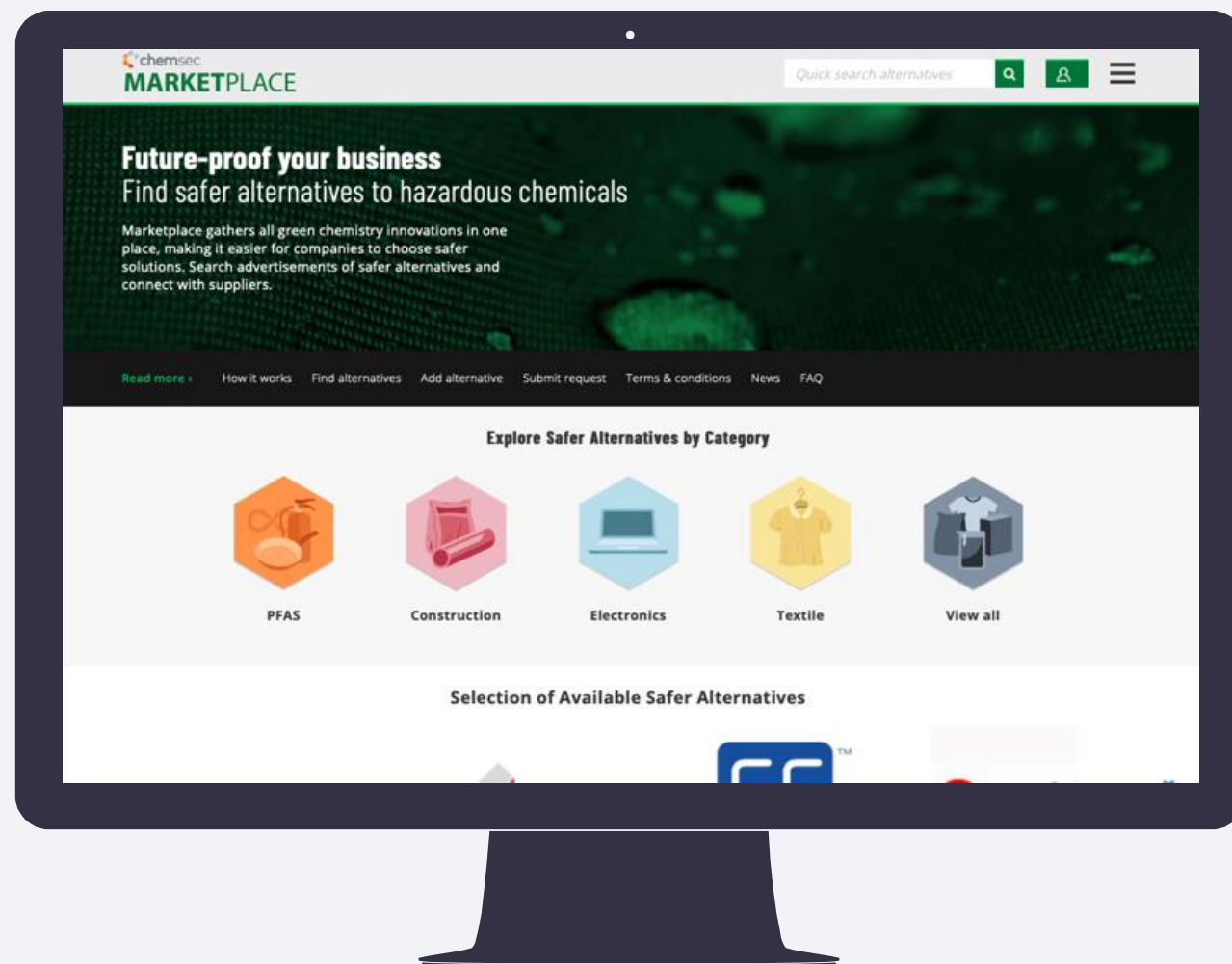
- Drive the political discussion on hazardous chemicals
- Challenge companies to improve their chemicals management
- Develop online tools to help companies switch to safer chemicals
- Inform investors about risks and opportunities in the chemical industry





MARKETPLACE

A B2B platform to connect providers of **safer alternatives** with potential buyers



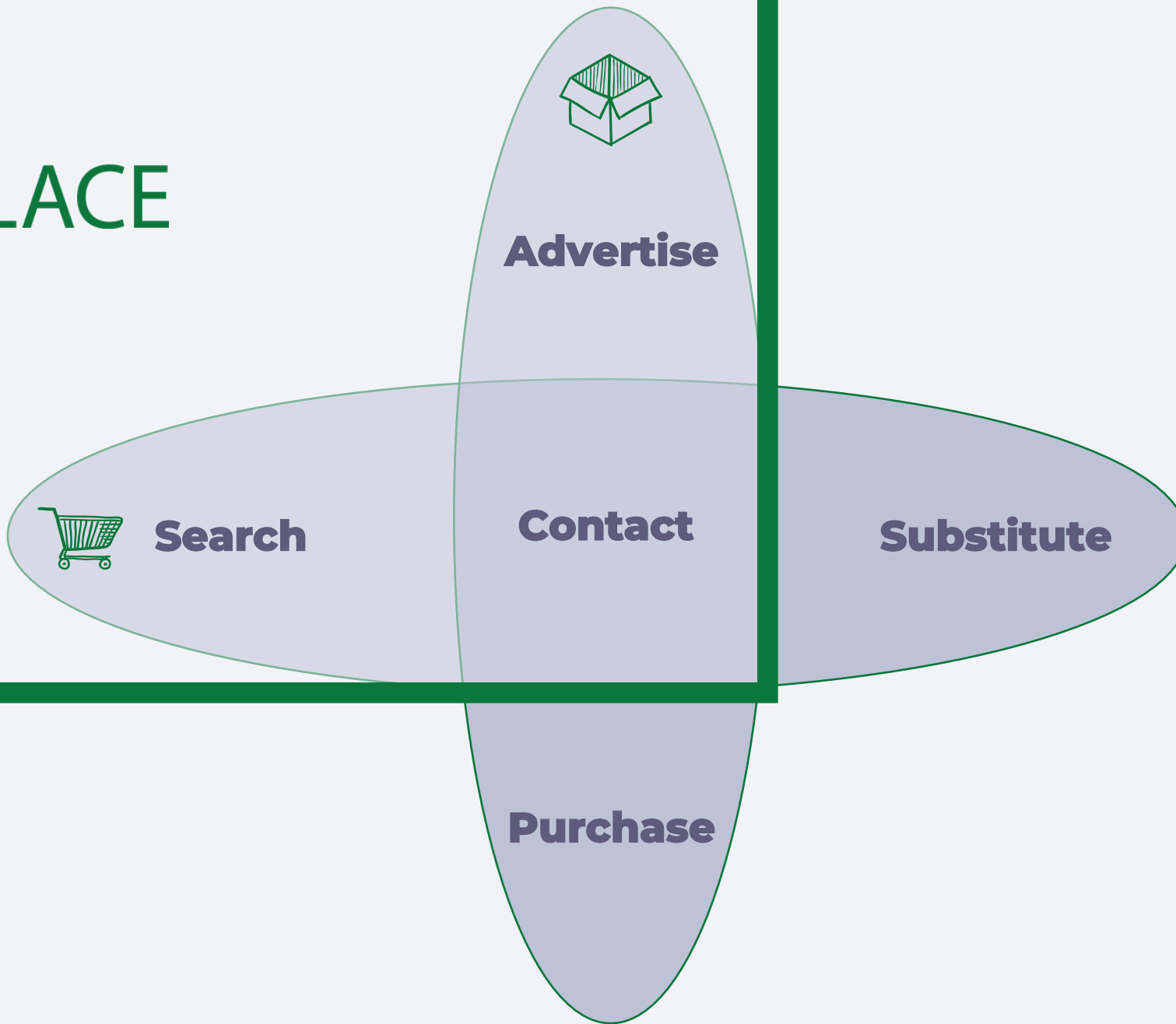
AIM OF MARKETPLACE

- Increase visibility of alternatives to hazardous chemicals
- Increase availability of alternatives to hazardous chemicals
- Highlight areas and sectors where alternatives are available
- Identify uses and functions where alternatives are not available
- Support policymakers to take informed decisions





MARKETPLACE



Buyer



Supplier

MARKETPLACE & PFAS

- 50,000 visitors – 8,000 pageviews on ads
- Around 700 alternatives in total
- Special PFAS section - around 100 ads
 - Durable water repellence
 - Fire fighting foams
 - Food contact material
- Focus during 2024
- Important focus
 - Health & environmental crisis
 - Legislative pressure

Future-proof your business

Find safer alternatives to hazardous chemicals

Marketplace gathers all green chemistry innovations in one place, making it easier for companies to choose safer solutions. Search advertisements of safer alternatives and connect with suppliers.

[Read more >](#)

[How it works](#)

[Find alternatives](#)

[Add alternative](#)

[Submit request](#)

[Terms](#)

Explore Safer Alternatives



PFAS



Construction



Electronics



Investor Initiative on Hazardous Chemicals

Supported by ChemSec



Öhman Fonder

AP3



AP2 | Andra AP-fonden



skandia

Folksam



cardano



60+ INVESTORS
\$10 TRILLION



SCOR

ROBECO



Handelsbanken Fonder



PFAS ALTERNATIVES

Volume of PFAS per sector

High expected growth

New solutions & scale up

Electronics and semiconductors
Energy sector

New solutions & scale up

Medical devices

Available solutions

Lubricants
Metal plating and manufacture

High volumes & available solutions

F-gas applications
Transportation
TULAC
Food contact material
Construction

Already solved

Consumer mixtures
Cosmetics
Ski wax

Availability of viable safer alternatives

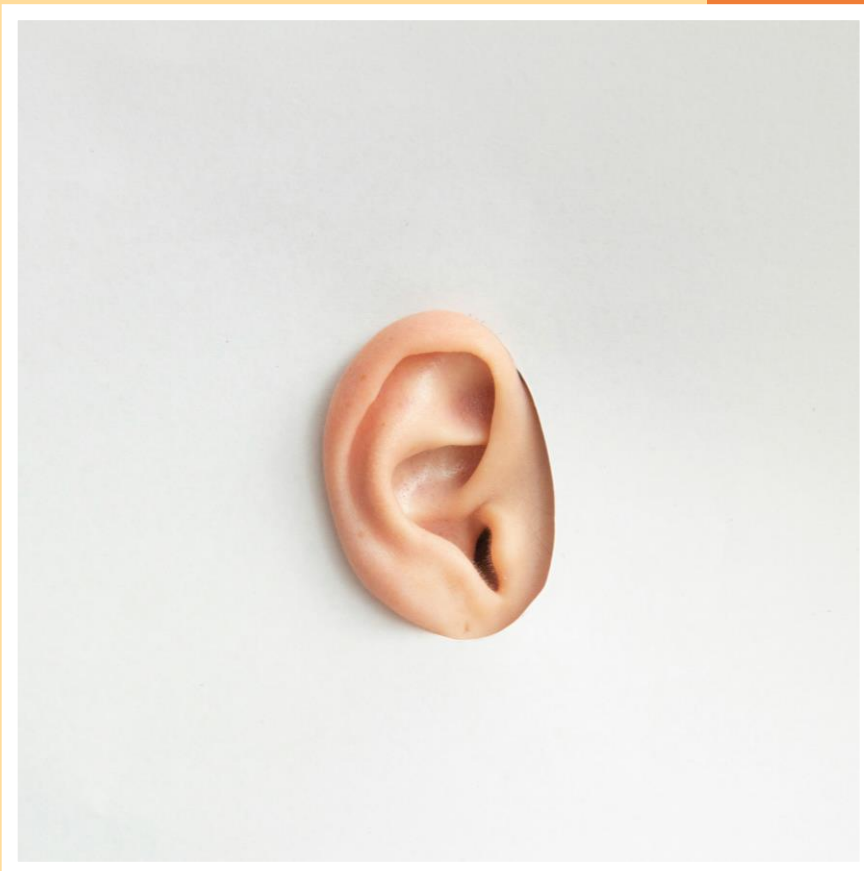
THE GREEN TRANSITION & THE PFAS RESTRICTION

Application	PFAS function	Alternative solution	Solution provider
Solar panels	Back sheets made from fluoropolymers	Polyolefin back sheets	Endurans, Solarge
Fuel cells	Membrane materials	Hydrocarbon material Nanocellulose material AEM fuel cells	Ionysis, Ionmr Cellfion Ionmr and others
Electrolysers for H ₂ production	Membrane material	Same materials as above	Ionmr, Ionysis, Cellfion and others
Lithium-ion batteries	Cathode binder Cathode binder Electrolyte additives Combination of uses Combination of uses	Nanocarbon composite Water-based process E-lyte Water-based technology Na ion batteries	Nanoramic GRST E-lyte Leclanché Blue current, Altris
Coatings for electronics	Waterproofing	Other types of coatings	Actnano
Semiconductor manufacturing	Surfactant	Other surfactants	Transene



PFAS RESTRICTION – KEY MESSAGES

- Five member states have performed a science-based investigation, compiling available information
 - several possibilities for providing input from stakeholders
- Concern is evident in dossier – justification of need for restriction is obvious
- Justified and time-limited derogations for uses where there is a lack of viable alternatives today
 - Unsubstantiated claims not enough to prove lack of alternatives
 - Time-limited derogations necessary to ensure phase-out
 - Granularity required to avoid blanket derogations
- PFAS restriction & green transition can co-exist



THANKS FOR LISTENING!

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