

# **What support can the Swedish Centre for Chemical Substitution provide?**

**Tonie Wickman, Senior Advisor at the Swedish Centre for Chemical Substitution, RISE**

**Nordic Conference for PFAS substitution, 2 September 2024**

# Research Institutes of Sweden

Nearly

**3,300**

employees

Over

**130**

Testbeds and  
demonstration environments

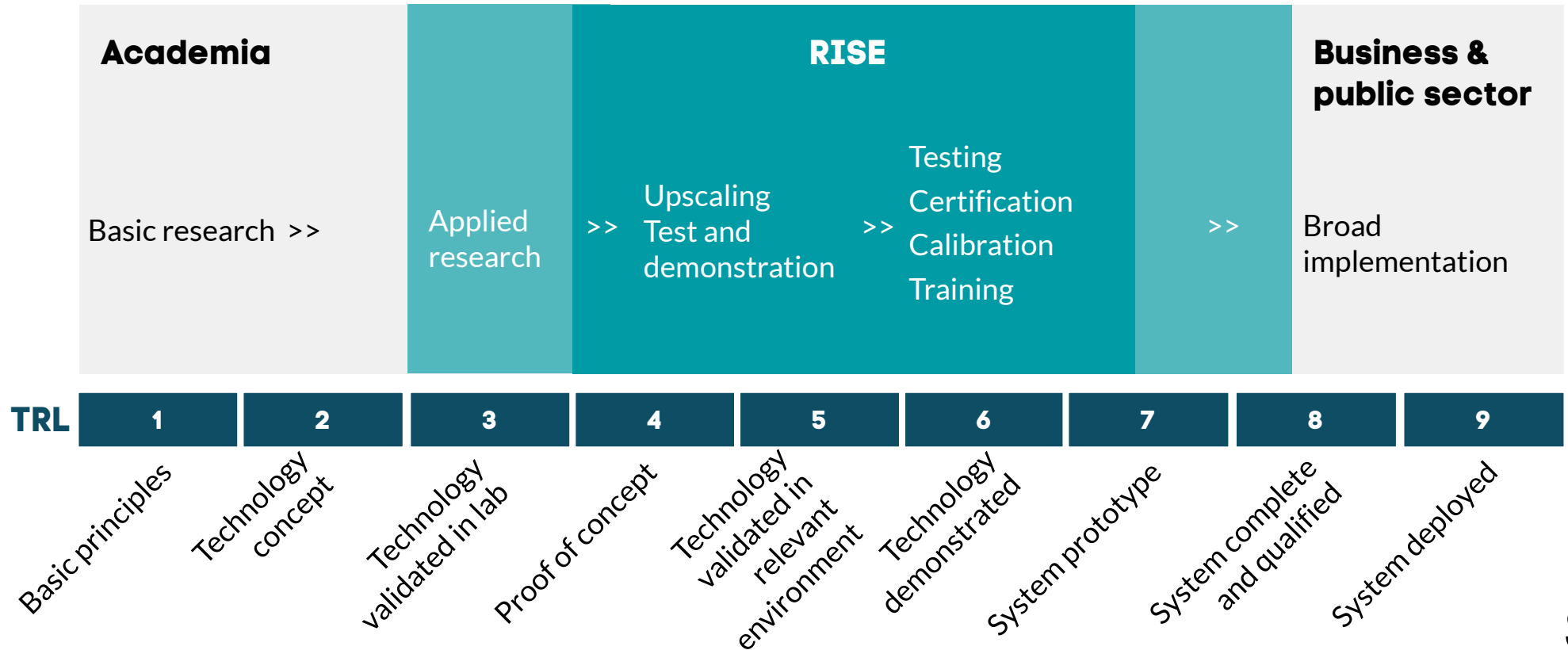
We are present at

**35**

locations around  
Sweden



# RISE in the innovation value chain



# RISE hosts several networks where support in substitution is part.

Examples of RISE networks for companies to share, learn and get inspiration and support:

## Research and networking



**Normpack (Food contact and packaging)**  
**Chemicals group (textiles and electronics)**  
**National centre for sustainable plastics**  
**And more....**

## Tools and methodology



**Guides**  
**Templates...**

# The Swedish Centre for Chemical Substitution

5 people, partly financed by the Swedish government.

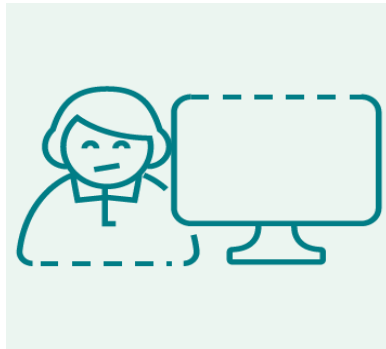
Mission: Support companies and the public sector to replace hazardous chemicals with better substitutes, to promote the environmental goal of a non-toxic environment.

## Information and inspiration



News and newsletters  
Webpage  
Webinars  
Inspiring examples

## Education



Training courses  
Educational films  
Alternatives assessment (AoA), Safe-and sustainable by design (SSbD) etc.

## Tools and methodology



Guides and templates  
Alternatives assessment  
Safe and sustainable by design

## Research and networking



PARC, BioSusTex, Mistra  
SafeChem, POPFREE,  
POPFREE Industry  
Node/Network

# On our website

- Facts about substitution
- The Substitution guide
- Support material & templates
- Tools, databases & resources
- Inspiring examples
- Courses & events
- News & newsletter
- Educational films & webinars

## Welcome to the Swedish Centre for Chemical Substitution



### Centre for Chemical Substitution

The Swedish Centre for chemical substitution assists companies, organisations and the public sector in identifying hazardous chemicals and finding better alternatives in products and processes.

The Substitution Centre collects and disseminates available knowledge on chemical substitution, including guidance, support materials and training.

Our aim is to encourage more companies and public authorities to start substituting hazardous chemicals with better alternatives.

Please do not hesitate to [contact us!](#)

#### News and newsletters +

Upcoming events and courses on substitution

#### Why you need to phase out hazardous chemicals +

Chemicals to phase out +

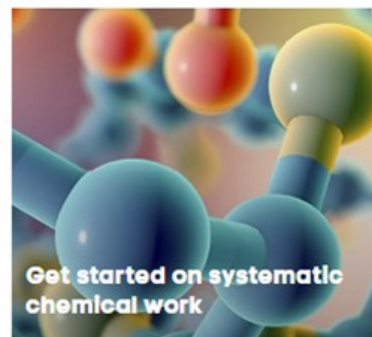
How to phase out chemicals +

Educational videos +

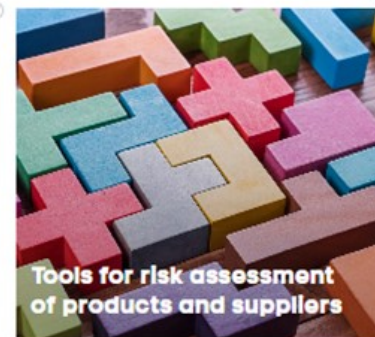
Good examples +

About us +

Contact us



Get started on systematic  
chemical work



Tools for risk assessment  
of products and suppliers

## Webinar: Towards PFAS-free kitchenware

On January 20, 2022, the project POPFREE Industry arranged the webinar "Towards PFAS-free kitchenware". The purpose was to initiate a dialogue in the supply chain, raise the level of knowledge about PFAS chemicals and the ongoing development of new PFAS regulation within EU, and to share experiences from companies that have or are working with phasing out PFAS.



Below you can see all parts of the webinar and download presentations in PDF format.

The company perspective in phasing out PFAS is exemplified in five presentations. There are also other companies working with these issues and other PFAS-free alternatives are available on the market.

### POPFREE

Why should you phase out PFAS?

[Read more about PFAS](#)

## Webinar: PTFE in bike chain lubricating oils

December 3 2020 the webinar PTFE in bike chain lubricating oils – essential use or future ban? was arranged by the Swedish Centre for Chemical Substitution and the project POPFREE at RISE. The aim of the webinar was to gather the supply chain, raise the level of knowledge about PTFE and PFAS chemicals and inspire to substitution of these chemicals in lubrication oils. See the webinar and download the presentations here.



### Contact us for more information

Does your company want guidance on substitution? Contact us: [substitutionscentrum@ri.se](mailto:substitutionscentrum@ri.se)

Does your company want help with phasing out PFAS? [Read more and](#)

### Centre for Chemical Substitution

[News and newsletters](#)



# Research (projects focusing on PFAS)

- **POPFREE 1-3**, Projects where PFAS free alternatives were developed and promoted
- **POPFREE Industry**, consortium with 16 companies (+academic and recycling companies) sharing experiences in PFAS substitution.
- **PARC** - European Partnership for the Assessment of Risks from Chemicals (European Union's Horizon Europe research and innovation programme): Development of a systematic workflow for compliance testing of PFAS content in products

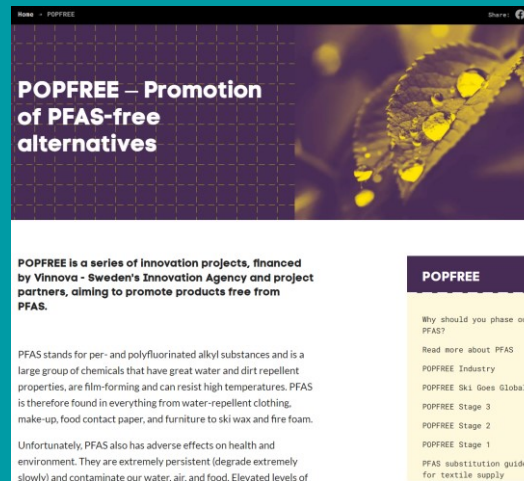
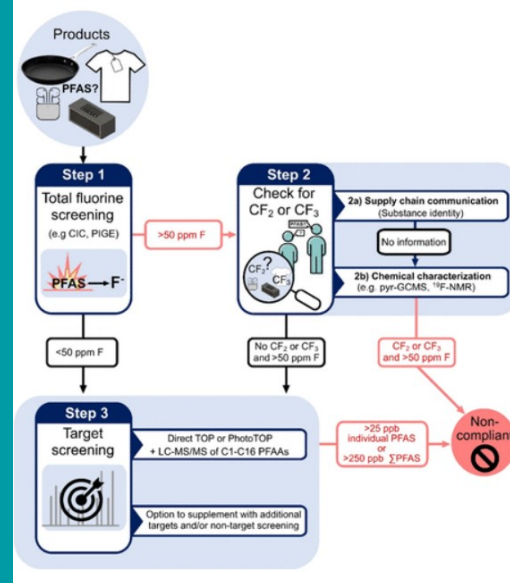


Figure 1



POPFREE Industry is a planning project funded by Vinnova, Sweden's Innovation Agency, within the Sustainable Industry program. The project aims to put together a strong consortium with a concrete plan, that addresses identified needs from the industry, to enable a phase-out of PFAS. An output will be an application for a 5-year competence centre will be submitted by the end of 2022.

The proposed competence centre will be an interdisciplinary research and innovation centre for a competitive and circular industry, with a focus on reaching PFAS-free products and processes, where entire value chains and companies with similar needs collaborate.

# Thank you!

## The Substitution Centre



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