

For the benefit of human health and the environment

Partnership for the Assessment of Risk from Chemicals (PARC) is a public-public partnership working for the benefit of human health and the environment by developing better chemical risk assessment and supporting the implementation of research and innovation for societal benefit.

The knowledge gained on the potential toxicity of chemicals has increased considerably over the last century, and the policies and legislation implemented in the EU are considered effective. Still, there are some gaps that should be addressed:

- How can we know the extent of the EU population's exposure to currently used, new chemicals and legacy chemicals?
- How can we assess the safety of emerging chemicals?
- How can we assess the risk of exposure to combinations of chemical mixtures?

PARC was established in 2022 to help policy-makers and authorities find the best answers for such questions. The knowledge and methods provided by PARC will support regulators in making informed decisions on how to protect human health and nature.

PARC
NEWSLETTERS

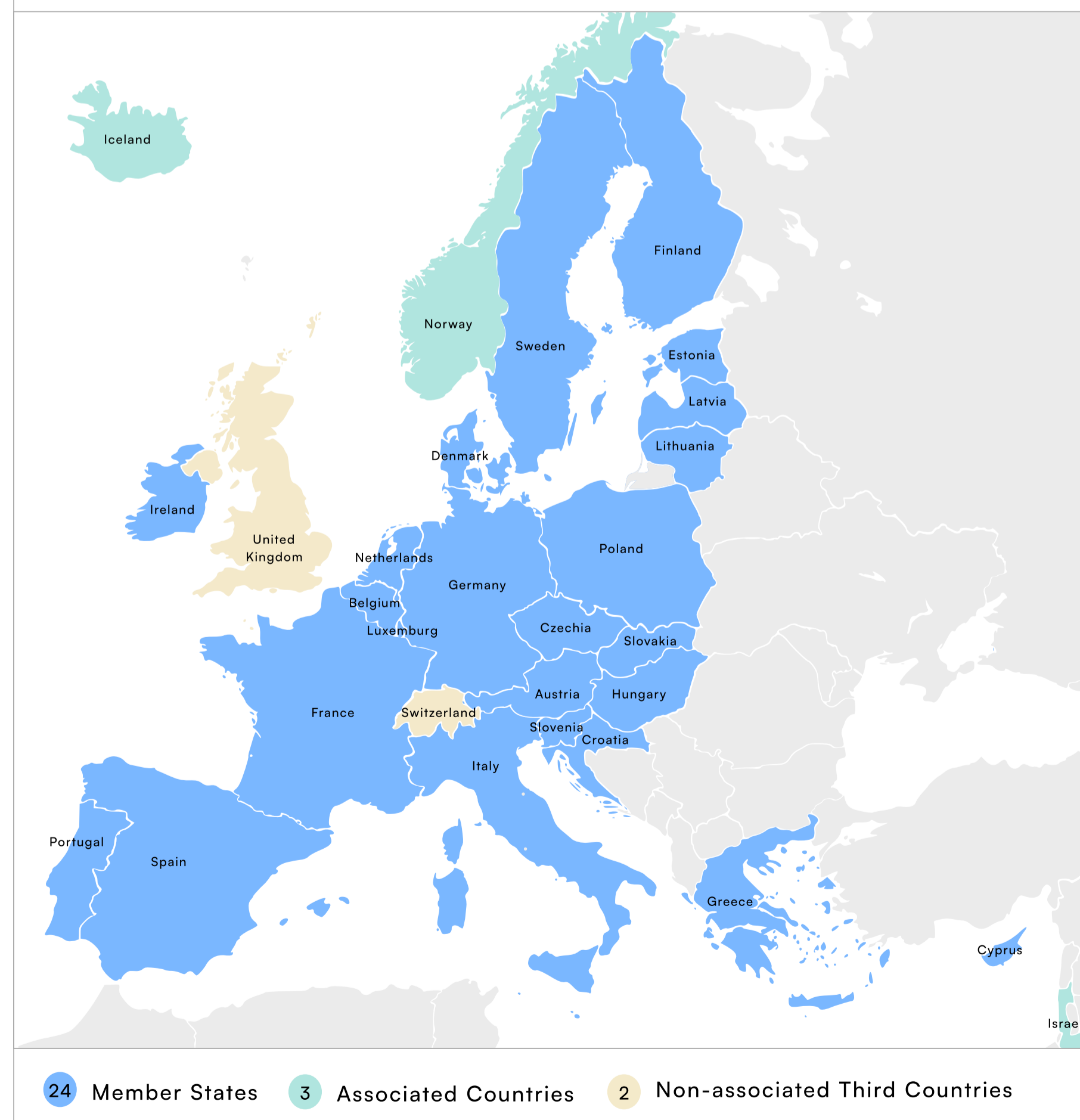
Visit the PARC website and sign up for the PARC newsletters on eu-parc.eu.

The PARC community

More than 200 partners from 29 countries join efforts in PARC. The partners are universities, public health organisations, research institutions, national health authorities, health care institutes and three EU agencies.

The total budget of the seven-year partnership is 400 million euros. Half is funded by the European Union under the Horizon Europe framework programme supporting scientific research initiatives. The other half is funded by the participating countries.

For a full overview of the PARC community visit eu-parc.eu.



Want to engage in PARC?

Partnership for the Assessment of Risks from Chemicals (PARC) is open to new European countries or public entities aligned with PARC's overall mission and objectives. To proceed, reach out to the grant signatory in your country if you represent a public organisation eligible to join in an EU project. If you represent a country, please contact the PARC coordination team.

SYNnet

SYNnet is a network designed by PARC to synergise with other projects, research activities and stakeholders focusing on environmental, food and human health issues in the field of chemical risk assessment.

Check out SYNnet, if you:

- represent a project, a national organisation, a scientific association, a professional society or any other type of group interested in collaborating.
- work on the assessment of risks from chemicals in air, water, soil, food and products; contaminants of emerging concern in freshwater and marine environments, human exposure and other related fields.

WANT TO ENGAGE IN PARC?

Register for SYNnet at eu-parc.eu/synnet and join the PARC community platform on PARCopedia.eu.

STAY IN TOUCH

- ✉ parc@anses.fr
- 🌐 eu-parc.eu
- 📧 [@PARC_chemicals](https://twitter.com/PARC_chemicals)
- 📘 [PARC.chemicals](https://www.facebook.com/PARC.chemicals)
- 📷 [eu_parc](https://www.instagram.com/eu_parc)
- 🌐 European Partnership for the Assessment of Risks from Chemicals (PARC)

How PARC will support the European zero pollution goal

CHALLENGES

PARC was created because of the following challenges:


 High number and diversity of chemicals

 Knowledge gaps in toxicology, regulatory risk assessment and other fields

 Incomplete data on exposure and health risk


 Limited public access to research outputs


 Separate policy frameworks leading to fragmented effects of regulations


 Lack of skills in risk assessment among people who work to protect human health and the environment


RESEARCH

PARC does research and talks to industry, regulators and citizens to innovate and raise awareness on how to:


 Assess human exposure to chemicals, including in workplaces

 Monitor chemicals and assess their impact on human health and the environment

 Close data gaps and use new toxicological approaches and methods

 Get better knowledge on the hazard of chemicals and improve science to policy dialogue to prioritise chemicals


 Perform research leading to efficient input to improve regulation

 Create more reliable data and better frameworks for risk assessment

ACTIONS


PARC will lead to the following actions:

 Advanced monitoring and assessment of exposure as well as improved hazard assessment of chemicals

 Open access to Findable, Accessible, Interoperable, Reusable (FAIR) data for EU agencies, researchers and more


 Training in advanced risk assessment, and new methods and toolboxes for researchers, regulators, industry and more

 A common science-policy agenda across the European countries and improved regulation

 Citizens gaining knowledge about chemicals, their use, how to reduce exposure, and what type of legislation should be in place to protect them


IMPACT

PARC will improve the lives of Europeans by supporting:

 Empowerment of the citizens by increasing literacy on use and safety of chemicals

 A Europe-wide research and innovation platform for chemical risk assessment

 Collaboration and performance on risk assessment across Europe

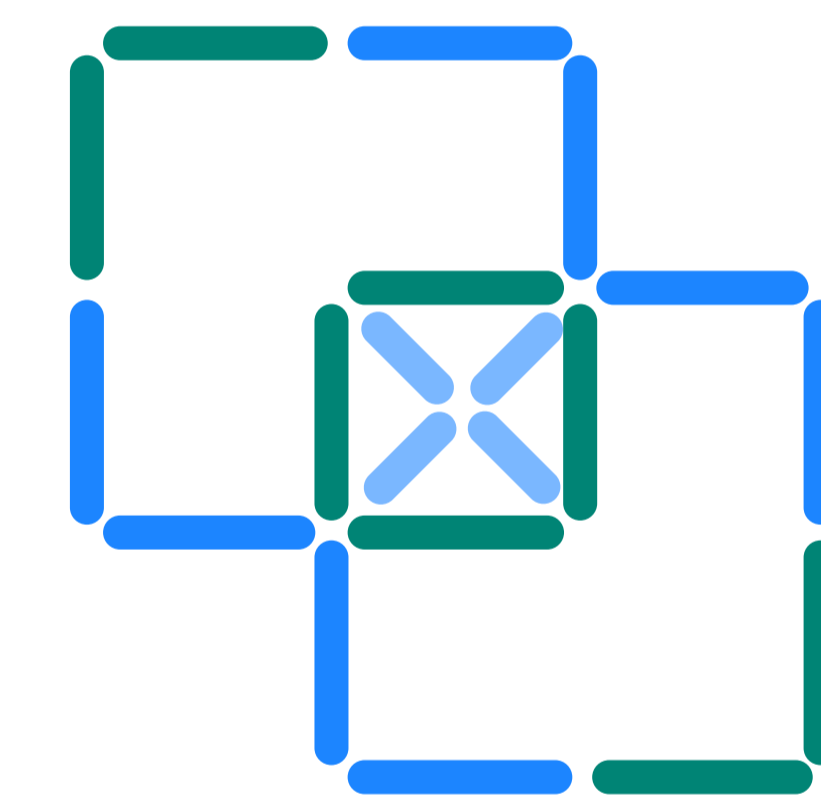
 The development of circular economy and better waste management

 The goal of zero pollution as established in the EU Green Deal and the success of the EU Chemicals Strategy for Sustainability

 A stronger protection of human health and the environment



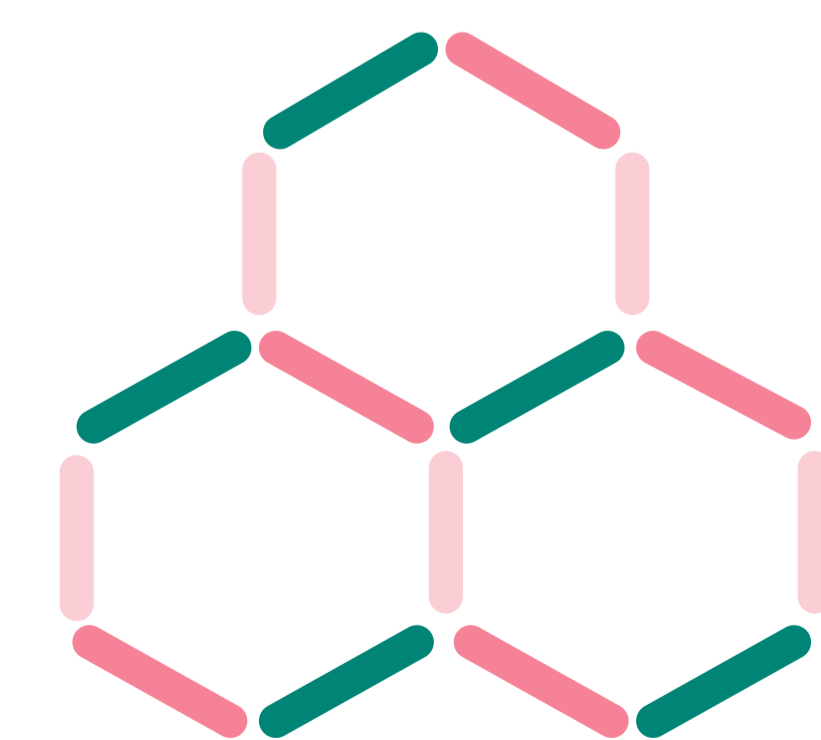
PARC will establish the EU as an internationally recognised driver of innovative chemical risk assessment aiming for optimal protection of human health and the environment.



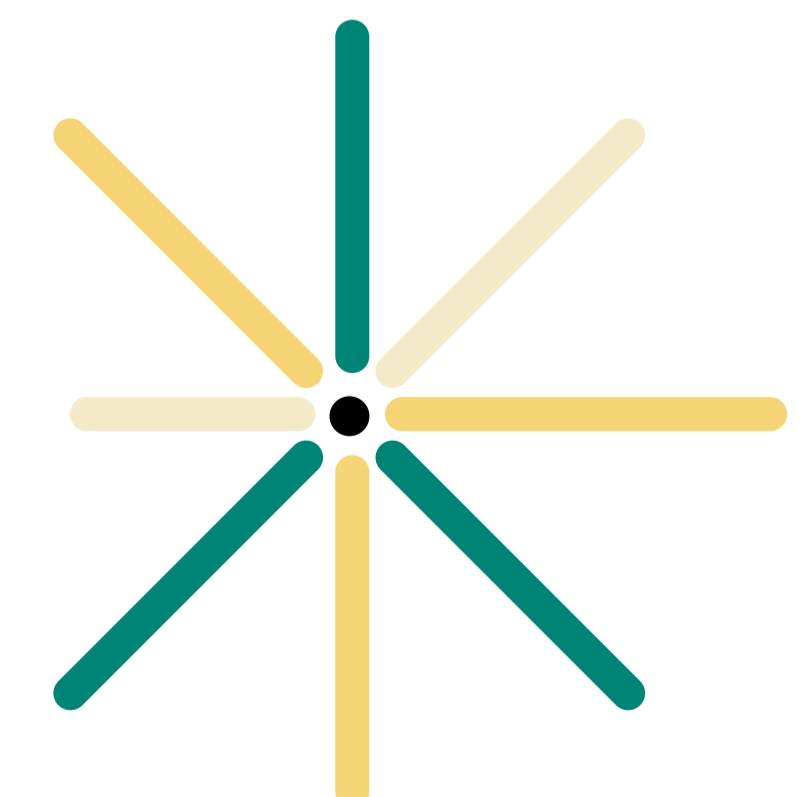
Risk assessment



Tools & resources



Building capacities



Science to policy