

Partnership for the Assessment of Risks from Chemicals



MISSION AND VISION STATEMENT

Partnership for the Assessment of Risks from Chemicals (PARC) will establish an R&I hub of excellence to support EU and national chemical risk assessment and management with new data, knowledge, methods, networks and skills to address current and emerging chemical safety challenges.

PARC will facilitate the transition to next generation RA to better protect human health and environment. PARC will address end-users' needs to anticipate and respond to the challenges and priorities of the new European policies.

By promoting a high-level network of expertise on chemical assessment at national and EU level, PARC will enable the EU's Chemicals Strategy for Sustainability Towards a Toxic-Free Environment (CSS).

KEY FACTS AND FIGURES

Horizon Europe Pillar and Cluster: Pillar II – Cluster 1: Health

Type of partnership: Co-funded

Name of coordinating entity: French Agency for Food, Environmental and Occupational Health & Safety (ANSES)

Total estimated budget: EUR 400 m

EU commitments: EUR 200 m

Partners' commitments: EUR 200 m

Predecessor under Horizon 2020: HBM4EU initiative 'co-ordinating and advancing humanbiomonitoring (HBM) in Europe'

FIND OUT MORE

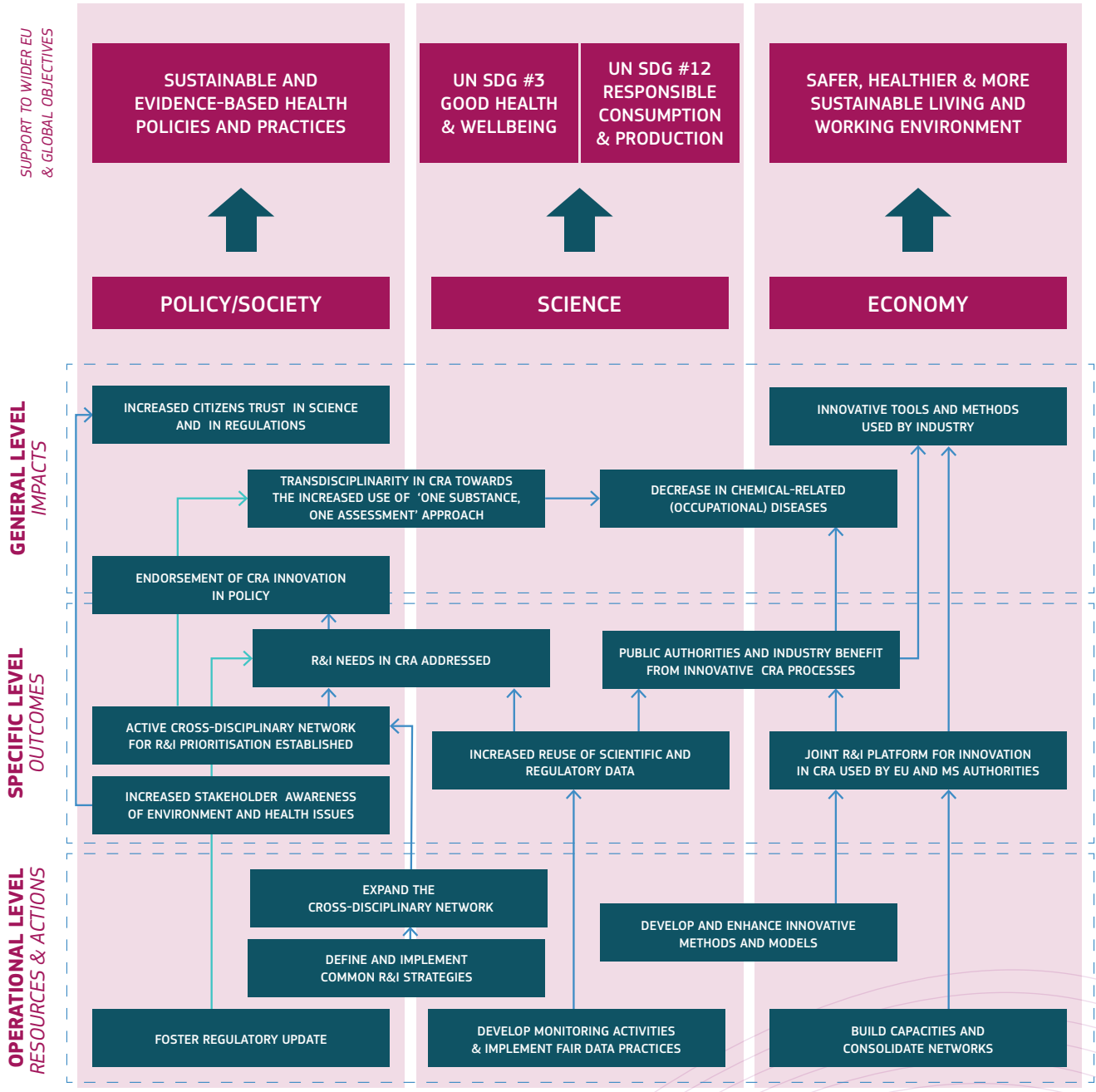
<https://www.anses.fr/>

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PARTNERSHIP SPECIFIC IMPACT PATHWAY (PSIP)

ADDRESS CURRENT, EMERGING AND NOVEL CHEMICAL SAFETY CHALLENGES AND ENABLING THE TRANSITION TO THE NEXT-GENERATION RISK ASSESSMENT



CRA: Chemical Risk Assessment



PARTNERSHIP'S KEY PERFORMANCE INDICATORS

KPI NAME	UNIT OF MEASUREMENT	BASELINE	TARGET 2023	TARGET 2025	TARGET 2027	AMBITION >2027
RESOURCES (INPUT), PROCESSES AND ACTIVITIES						
Cross-disciplinary network	Number of partners involved in the PARC	HBM4EU	↑	↑	↑	All CRA disciplines are involved
Common R&I strategies	Number of projects/ activities approved for implementation	0	↑	↑	↑	TBD
FAIR data practices	Proportion of datasets developed that are FAIR/partially FAIR	0	↑	↑	↑	100 %
Capacities and resources	Number of entities in the risk assessment network catalogue	TBD	↑	↑	↑	Sufficient coverage at EU level
OUTCOMES						
Active cross-disciplinary network for R&I prioritisation	% of countries that are actively involved in the network	28 countries	→ or ↑	→ or ↑	→ or ↑	100 % of countries that stay actively involved
Stakeholder awareness	number of activities that target stakeholders	0	↑	↑	↑	100 % of stakeholders that are aware and stay actively involved in CRA
Reuse of scientific and regulatory data	number of data set generated by PARC and reused	0	↑	↑	↑	TBD
Use of innovative CRA processes by public authorities	Number of public authorities which uses PARC output	0	↑	↑	↑	100 % of public authorities involved in PARC indicate benefit from PARC activities
IMPACTS						
Endorsement of CRA innovation in policy	Number of citations of PARC outputs/results in policy documents	0	↑	↑	↑	100 % of PARC policy recommendations considered by policymakers
Citizen trust in science and regulations	Number of activities that target citizens	0	↑	↑	↑	TBD
Support toward 'one substance one assessment' approach	Number of activities that contribute to 'one substance, one assessment' approach	0	↑	↑	↑	TBD

The contribution of PARC to the defined outcomes and wider impacts, and the activities implemented to maximise these, will be followed closely throughout the partnership to measure its performance and ultimately to provide a robust justification for the long-term sustainability of PARC's activities. PARC's impact pathway is defined in its monitoring frame to provide a qualitative and quantitative-based indication of the scale and significance of PARC's contribution to the expected outcomes and impacts. The initial set of indicators, including baselines and clear targets, will be further developed and revised regularly, with PARC's different boards and stakeholders, to ensure their relevance for evaluating the progress of the partnership's key, useful and impactful results and focus of the relevant target groups to maximise this impact and exploitation. The table above highlights some of the indicators at the impact, outcome and operational level.



SYNERGIES WITH OTHER EUROPEAN AND NATIONAL INITIATIVES

SYNERGIES: STORY 1

PARC will continue the development of monitoring capacity acquired in HBM4EU¹ by extending the HBM platform created and enhancing the collaboration between the teams working in the field of HBM and those in charge of environmental monitoring. PARC will also pursue the development of HBM in the EU in close collaboration with the European Human Exposome Network (EHEN)² cluster of Horizon 2020 research and innovation action on the exposome. For the environment, PARC will collaborate with the NORMAN network³ which has recognised experience in emerging contaminants. PARC will build knowledge acquired in other large scale projects funded under previous research framework programmes, such as:

- EU-ToxRisk⁴, an integrated European flagship programme driving mechanism-based toxicity testing & risk assessment;
- The European Cluster to Improve Identification of Endocrine Disruptors (EURION)⁵ of eight Horizon 2020 projects, designed to develop new testing and screening tools for endocrine disruptors.

¹ <https://www.hbm4eu.eu/>

² <https://www.humanexposome.eu/>

³ <https://www.norman-network.net/>

⁴ <http://www.eu-toxrisk.eu/>

⁵ <https://eurion-cluster.eu/>

SYNERGIES: STORY 2

PARC will strengthen interactions between the research community, risk assessors at EU and national regulatory level and other chemical risk assessment stakeholders (industry, NGO, citizens, etc.). The National Hubs (NHs) network will act as fora for discussion between chemical risk assessment stakeholders and provide crucial opportunities to cooperate and create synergies with all actors involved in chemical risk assessment.

The NHs will allow the harnessing of all available expertise on the ground and guarantee a close feedback loop between PARC and national programmes. These NHs are of utmost relevance to disseminate PARC interests and outputs, and to raise citizens' awareness.

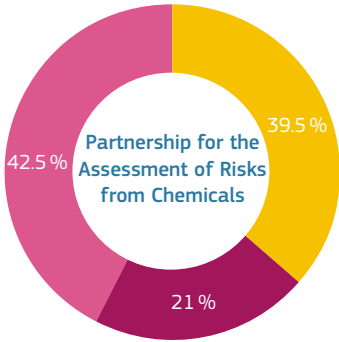
SYNERGIES: STORY 3

The partnership has been designed to deliver outputs corresponding to the needs of end-users. To do so, it will ensure close collaboration between EU and national chemical risk assessment and management authorities. Concretely, a Science to Policy dialogue (S2PD) and interface will be implemented to build a joint R&I risk assessment hub of excellence to address chemical safety challenges. This S2PD will allow to identify the priorities in terms of risk assessment and risk management and to facilitate the uptake of PARC results contributing to create a sustainable engagement of the chemical risk assessment community on joint R&I priorities.



OVERVIEW OF MEMBERS

MEMBERS PER TYPE



- UNIVERSITY** University and other higher education organisations
- RESEARCH** Public research organisation (including international research organisation as well as private research organisation controlled by a public authority)
- PUBLIC** Research funders, ministries, regions, cities

GEOGRAPHICAL COVERAGE

