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/
parc@anses.fr
PARTNERSHIP SPECIFIC IMPACT PATHWAY (PSIP)

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

SUSTAINABLE AND EVIDENCE-BASED HEALTH POLICIES AND PRACTICES

POLICY/SOCIETY

UN SDG #3 GOOD HEALTH & WELLBEING

SCIENCE

UN SDG #12 RESPONSIBLE CONSUMPTION & PRODUCTION

ECONOMY

SAFER, HEALTHIER & MORE SUSTAINABLE LIVING AND WORKING ENVIRONMENT

PUBLIC AUTHORITIES AND INDUSTRY BENEFIT FROM INNOVATIVE CRA PROCESSES

BUILD CAPACITIES AND CONSOLIDATE NETWORKS

DEVELOP AND ENHANCE INNOVATIVE METHODS AND MODELS

JOINT R&I PLATFORM FOR INNOVATION IN CRA USED BY EU AND MS AUTHORITIES

INCREASED REUSE OF SCIENTIFIC AND REGULATORY DATA

PUBLIC AUTHORITIES AND INDUSTRY BENEFIT FROM INNOVATIVE CRA PROCESSES

DECREASE IN CHEMICAL-RELATED OCCUPATIONAL DISEASES

ENDORESMENT OF CRA INNOVATION IN POLICY

R&I NEEDS IN CRA ADDRESSED

ACTIVE CROSS-DISCIPLINARY NETWORK FOR R&I PRIORITISATION ESTABLISHED

INCREASED STAKEHOLDER AWARENESS OF ENVIRONMENT AND HEALTH ISSUES

EXPAND THE CROSS-DISCIPLINARY NETWORK

DEFINE AND IMPLEMENT COMMON R&I STRATEGIES

FOSTER REGULATORY UPDATE

DEVELOP MONITORING ACTIVITIES & IMPLEMENT FAIR DATA PRACTICES

BUILD CAPACITIES AND CONSOLIDATE NETWORKS

INNOVATIVE TOOLS AND METHODS USED BY INDUSTRY

CREASED CITIZENS TRUST IN SCIENCE AND IN REGULATIONS

TRANSDISCIPLINARITY IN CRA TOWARDS THE INCREASED USE OF ‘ONE SUBSTANCE, ONE ASSESSMENT’ APPROACH

SUPPORT TO WIDER EU & GLOBAL OBJECTIVES

OPERATIONAL LEVEL RESOURCES & ACTIONS

SPECIFIC LEVEL OUTCOMES

GENERAL LEVEL IMPACTS

CRA: Chemical Risk Assessment
## Partnership's Key Performance Indicators

<table>
<thead>
<tr>
<th>KPI Name</th>
<th>Unit of Measurement</th>
<th>Baseline</th>
<th>Target 2023</th>
<th>Target 2025</th>
<th>Target 2027</th>
<th>Ambition &gt;2027</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Resources (Input), Processes and Activities</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cross-disciplinary network</td>
<td>Number of partners involved in the PARC</td>
<td>HBM4EU</td>
<td>↑</td>
<td>↑</td>
<td>↑</td>
<td>All CRA disciplines are involved</td>
</tr>
<tr>
<td>Common R&amp;I strategies</td>
<td>Number of projects/activities approved for implementation</td>
<td>0</td>
<td>↑</td>
<td>↑</td>
<td>↑</td>
<td>TBD</td>
</tr>
<tr>
<td>FAIR data practices</td>
<td>Proportion of datasets developed that are FAIR/partially FAIR</td>
<td>0</td>
<td>↑</td>
<td>↑</td>
<td>↑</td>
<td>100 %</td>
</tr>
<tr>
<td>Capacities and resources</td>
<td>Number of entities in the risk assessment network catalogue</td>
<td>TBD</td>
<td>↑</td>
<td>↑</td>
<td>↑</td>
<td>Sufficient coverage at EU level</td>
</tr>
<tr>
<td><strong>Outcomes</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Active cross-disciplinary network for R&amp;I prioritisation</td>
<td>% of countries that are actively involved in the network</td>
<td>28 countries</td>
<td>→ or ↑</td>
<td>→ or ↑</td>
<td>→ or ↑</td>
<td>100 % of countries that stay actively involved</td>
</tr>
<tr>
<td>Stakeholder awareness</td>
<td>Number of activities that target stakeholders</td>
<td>0</td>
<td>↑</td>
<td>↑</td>
<td>↑</td>
<td>100 % of stakeholders that are aware and stay actively involved in CRA</td>
</tr>
<tr>
<td>Reuse of scientific and regulatory data</td>
<td>Number of data set generated by PARC and reused</td>
<td>0</td>
<td>↑</td>
<td>↑</td>
<td>↑</td>
<td>TBD</td>
</tr>
<tr>
<td>Use of innovative CRA processes by public authorities</td>
<td>Number of public authorities which uses PARC output</td>
<td>0</td>
<td>↑</td>
<td>↑</td>
<td>↑</td>
<td>100 % of public authorities involved in PARC indicate benefit from PARC activities</td>
</tr>
<tr>
<td><strong>Impacts</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Endorsement of CRA innovation in policy</td>
<td>Number of citations of PARC outputs/results in policy documents</td>
<td>0</td>
<td>↑</td>
<td>↑</td>
<td>↑</td>
<td>100 % of PARC policy recommendations considered by policymakers</td>
</tr>
<tr>
<td>Citizen trust in science and regulations</td>
<td>Number of activities that target citizens</td>
<td>0</td>
<td>↑</td>
<td>↑</td>
<td>↑</td>
<td>TBD</td>
</tr>
<tr>
<td>Support toward ‘one substance one assessment’ approach</td>
<td>Number of activities that contribute to ‘one substance, one assessment’ approach</td>
<td>0</td>
<td>↑</td>
<td>↑</td>
<td>↑</td>
<td>TBD</td>
</tr>
</tbody>
</table>

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, ministeries, regions, cities

GEOGRAPHICAL COVERAGE

Total number of partners: 200