

87th Advisory Forum Meeting
Parma, 15-16 March 2023

SYSTEM-BASED ENVIRONMENTAL RISK ASSESSMENT (PERA)

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BACKGROUND

Theme (concept) paper – Building a European Partnership for next generation, systems-based Environmental Risk Assessment

Revised theme paper in light of the comments received from the European Commission (DG SANTE), ENVI Agencies, EU Member States and EFSA's Scientific Committee members in the phases 1 & 2 of EFSA's consultation process

Vision:

By 2022, the European Partnership for Environmental Risk Assessment (PERA) has:

- Brought together partners of relevant sectors across regulatory silos and improved the **cooperation** on regulatory environmental risk assessment (ERA) between these partners.

By 2030, PERA has:

- Facilitated the transition to next generation, systems-based ERA through the co-development of new and complementary **tools** and **methods**, and the sharing of **data** (including their findability, accessibility, interoperability, and reuse) and **expertise**.

2020

<https://www.efsa.europa.eu/it/supporting/pub/e200503>

DEVELOPMENT OF A ROADMAP FOR:
Building a European partnership for next generation, systems-based environmental risk assessment

ROADMAP REPORT

J. Paulo Sousa, Annette Aldrich, Johan Axelman, Thomas Backhaus, Sabine Duquesne, Andreas Focks, Silvia Pleper, Chris Topping, James Williams, Louise Wipfler, Stephan Brendel, Begoña Dorronsoro, Sheila Holz, Saskia Knillmann, Maria Schmied-Tobies, Emilia Silva

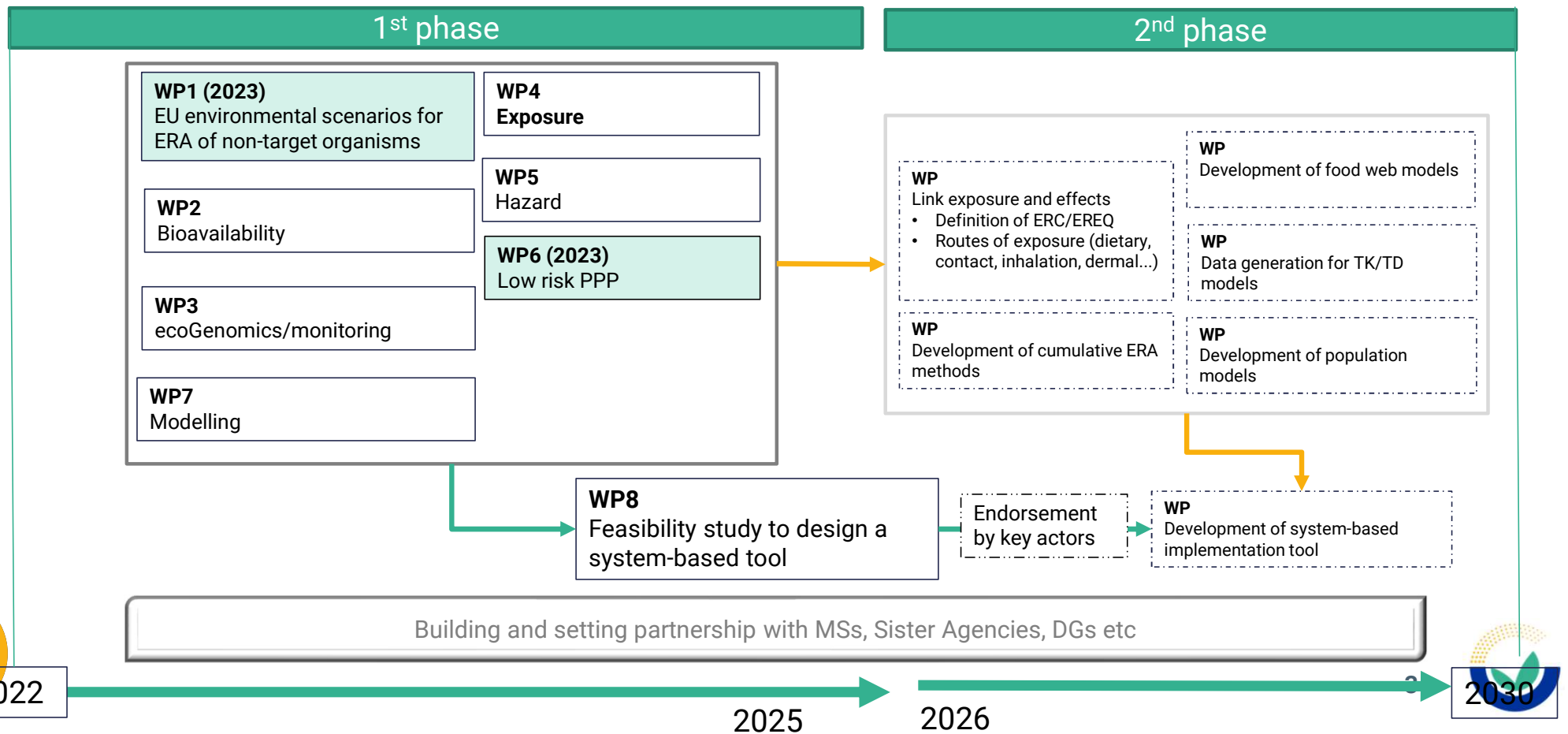
Logos: I 2 9 8, Agroscope, Universität Coimbra, Umwelt Bundesamt, Universität Osnabrück, KEMI, GÖTEBORG UNIVERSITY, ANTLIS UNIVERSITY

<https://efsa.onlinelibrary.wiley.com/doi/epdf/10.2903/sp.efsa.2022.EN-7546>

2022



MULTIANNUAL PLAN



WP1: EU ENVIRONMENTAL SCENARIOS FOR ERA OF NON-TARGET ORGANISMS

The diversity and complexity of the environment is a challenge to perform realistic ERA of PPPs. Including in our methodology a geographic approach (e.g. landscape-based ERA) is part of the solution.

The scope of the work package is to gain knowledge, in agro-ecosystem, on landscape structure and ecology of the areas surrounding the treated areas and in the treated areas. The WP will explore the following main elements :

- Georeferenced data collection, analysis and data generation (field work)
- Characterization in agro-ecosystems of habitat/species composition (field trials) and analysis of species sensitivity (experimental work)
- State of the art regarding food web/ecological interaction models

- Prior Information Notice (PIN): [Services - 48237-2023 - TED Tenders Electronic Daily \(europa.eu\)](#)



2023



6Mil*



Tender**



WP6: ERA METHODOLOGIES FOR LOW-RISK PPPS

ERA of PPPs with a low toxicological profile could be leaned, simplified and speeded up by focusing only on aspects of potential risk.

The scope of the project is to develop:

- science-based criteria for data waiver (problem formulation) and
- alternative methods for exposure and hazard assessment for PPPs of potential low concerns such as semio-chemical.



2023



500 K*



Grant**

* indicative

** to be determined



