



New system-driven bioremediation of polluted habitats and environment: the Nymphe project

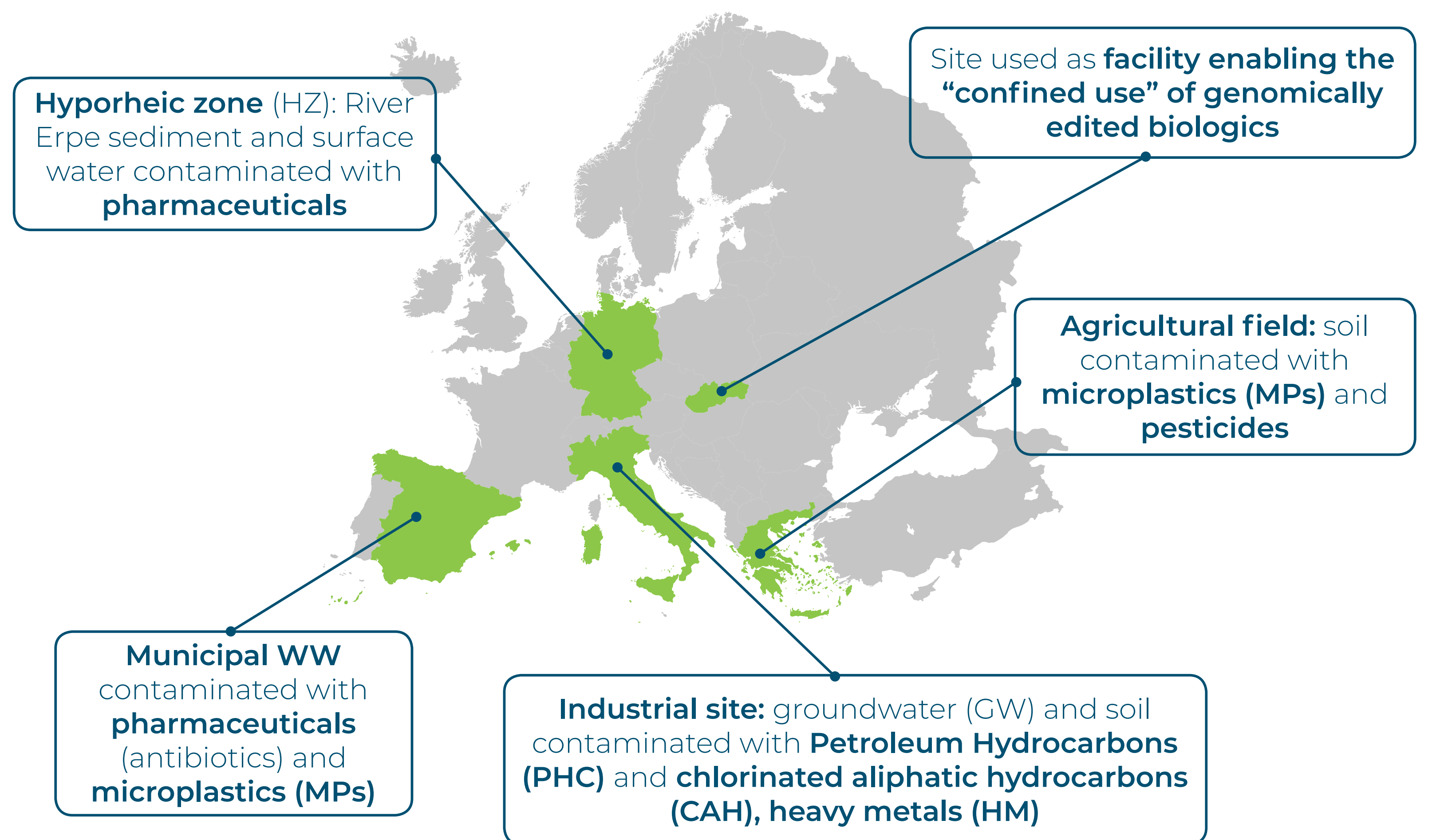
NYMPHE

Nymphe is an interdisciplinary research project started on January 1st, 2023, funded by the EU under the call HORIZON-CL6-2021-ZEROPOLLUTION-01, topic “Environmental services: improved bioremediation and revitalization strategies for soil, sediments and water”. It brings together 18 Partners (9 Universities/Research Institutions, 6 SMEs, 1 Large Company, 2 NGOs) from 12 Countries in Europe.

Main Objectives:

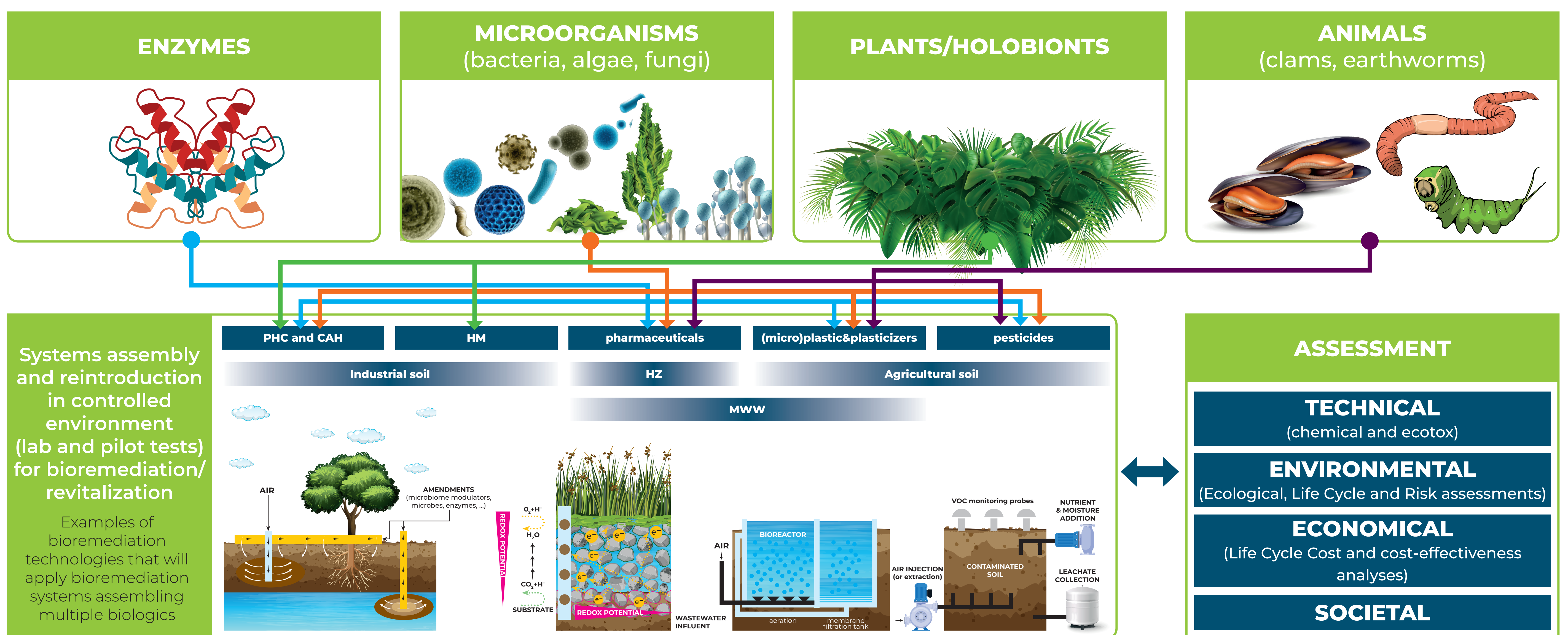
- » **To develop bioremediation/revitalization strategies** based on **bioremediation systems** consisting of assemblies of **multiple biologics**,
 - » **assess them** from technical, environmental, economic and societal perspectives for the revitalization of polluted environments, and
 - » **showcase them at 4 real contaminated sites** and 1 site for confined tests with genomically edited organisms,
- with the **ambition of removing at least 90% of the main pollutants of the four polluted sites and improve their biodiversity status.**

The Nymphe sites & target pollutants:



The Nymphe approach:

Selection, isolation, characterization of the biologics for bioremediation of polluted sites



Platforms for the improvement/enlargement of the biologics

