

Responsive hub for long term governance to destress the Mediterranean Sea from chemical pollution



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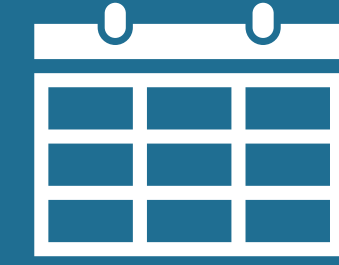


THE CONCEPT

RHE-MEDIation aims at establishing a responsive hub deploying long-term governance centred on the mission to destress the Mediterranean Sea from chemical pollution, including peak concentrations in known HOT SPOTS. In particular, the project intends to stop and remove the most impacting components that currently affect Mediterranean resources from the fresh and waste waters before they enter the sea.



11 partners



36 months



5 countries

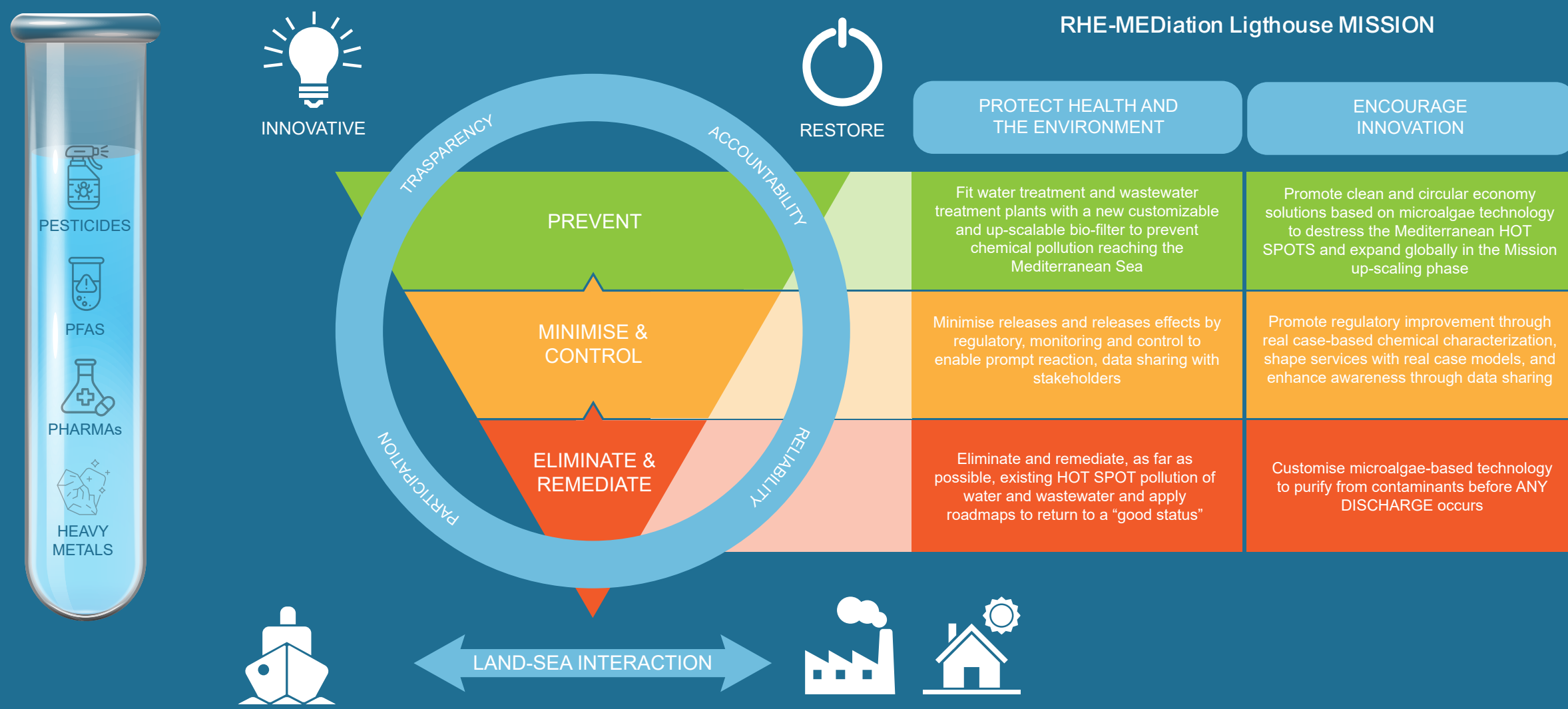


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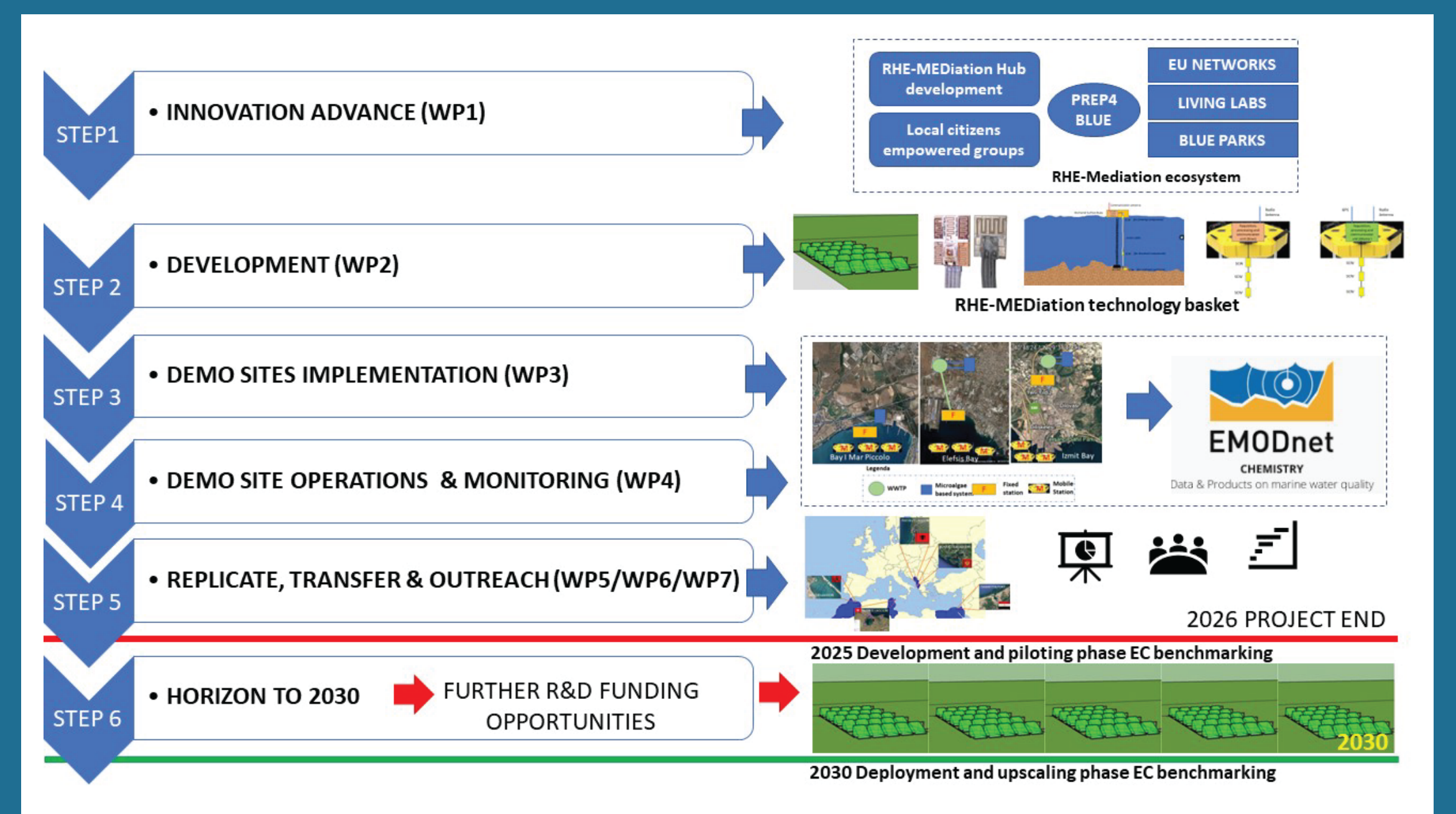
THE MISSION

RHE-MEDIation will support the work of policymakers by providing advanced remediation solutions for the Mediterranean HOT SPOTS, and modalities and tools for monitoring and control, enabling parallel citizen empowerment in this action.



METHODOLOGY

The project follows a 5-step methodology in order to ensure the successful project delivery and TRL achievement. The sixth step highlights the potential funding opportunities towards the 2030 benchmarking.



PROJECT RESULTS

Development of Adaptive and easily reproducible microalgae based plants for reducing heavy metals, PFAS, pharmaceuticals, and pesticides in polluted waters	Development of smart integrated measurement points for monitoring real chemical pollution cases	Integrate replicable microalgae-based technologies to existing wastewater treatment plants	Integration with Ocean and Water digital twins
Evolutionary holistic model to combine technology, business, social acceptability and accountability, and innovative governance based on regulatory paradigm	Unregulated chemicals characterisation protocols for replication purposes	Input to Water Framework Directive and Marine Strategy Framework Directive based on experience on real scenarios and contaminants	Tailored citizens empowerment models upscaled from local to national and EU level
Contribution to shared processes among Lighthouses as well as Blue Park Initiatives	Links with EC Mission Implementation Support Platform	RHE-MEDIation replication process	Communicate and disseminate the RHE-MEDIation achievements in open and transparent ways

