



PREP4BLUE

METHODS AND TOOLS FOR MISSION OCEAN & WATERS

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The Mission

As a visionary way to find innovative solutions to some of Europe's greatest challenges, the **five EU Missions** aim to deliver concrete results by 2030, contributing to European Green Deal and UN Sustainable Development Goals. **'Mission: Restore our Ocean & Waters'** seeks to restore the health of our oceans and waters by protecting and restoring marine and freshwater ecosystems and biodiversity, preventing and eliminating pollution, and making the Blue Economy sustainable, carbon neutral and circular. These goals will be achieved through key demonstrator sites or 'Lighthouses' which will act as Research and Innovation (R&I) hubs that will develop, demonstrate and deploy new solutions to support their wider implementation and realisation across Europe.

Project Objective

PREP4BLUE's objective is to facilitate the successful implementation of **Mission: Restore our Ocean & Waters**, particularly during its first phase (2022-2025). Through a series of pilots at the Missions demonstrator or 'Lighthouse' sites, PREP4BLUE will develop tools and services that will assist with the co-design and co-implementation of R&I solutions with European citizens and Mission stakeholders. The development of a knowledge ecosystem and innovative communication activities will ensure cohesion and connectivity across sectors, and engage citizens and stakeholders with the Mission.

At a Glance

Programme: HORIZON-MISS-2021-OCEAN-01

Type of Action: Coordination and Support Action (CSA)

Duration: June 2022 – May 2025

Coordinator: L'Institut Français de Recherche pour L'Exploitation de la Mer, France

Budget: €4,997,690



Expected Results

- **A dedicated structure to ensure alignment and connectivity** between EC, international, national and regional initiatives contributing to Mission objectives.
- **Tested and validated methodologies to ensure active engagement and participation** of European citizens and stakeholders in the co-design and co-implementation of the Mission's R&I activities.
- **Best practice knowledge management system supported by AI digital tools**, to ensure that innovative solutions are identified, managed and effectively taken up by Mission stakeholders.
- **Database of relevant projects and their innovative solutions** with high potential to contribute to the achievement of the Mission objectives in each of the Lighthouse sites.
- **Recommendations for the creation of an enabling environment** from a regulatory and economic perspective, that paves the way for public and private investment in future initiatives aligned with the Mission objectives.
- **Inspiring and creative communication strategy and actions** to encourage citizens and stakeholders to engage with the Mission objectives.

Project Network

The three-year PREP4BLUE project brings together 18 organisations from research, industry, government and non-profit sectors in eight European countries, working across **four Lighthouse sites in the Atlantic-Arctic Sea Basin, the Baltic and North Seas, the Danube River Basin and the Mediterranean Sea.**

1. L'Institut Français de Recherche pour L'Exploitation de la Mer (France)
2. ERINN Innovation (Ireland)
3. Joint Programming Initiative for Healthy and Productive Seas and Oceans (Belgium)
4. KDM German Marine Research Consortium (Germany)
5. Flanders Marine Institute (Belgium)
 - 5.1. De Blauwe Cluster (Belgium)
6. Fraunhofer-Gesellschaft (Germany)
7. Conference of Peripheral Maritime Regions (France)
8. University of Southern Denmark (Denmark)
9. Centro Tecnológico Del Mar - Fundación (Spain)
10. Nordland Research Institute (Norway)
11. Institut de Ciències del Mar (Spain)
12. MaREI SFI Centre for Energy, Climate and Marine, University College Cork (Ireland)
13. EuroMarine Association (France)
14. National Research Council of Italy (Italy)
15. Sustainable Projects (Germany)
16. Galway Atlantaquaria (Ireland)
17. Fraunhofer Austria (FHA)



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