



EUROPEAN UNION



EU MISSIONS

RESTORE OUR OCEAN & WATERS

Concrete solutions for our greatest challenges



#EUmissions #HorizonEU #MissionOcean



Mission objectives and targets

Restore our Ocean and Waters by 2030

PROTECT AND RESTORE MARINE AND FRESHWATERS ECOSYSTEMS AND BIODIVERSITY

- Protect at least 30% and strictly protect 10% EU's sea areas
- Restore 25.000 km free flowing rivers
- Marine nature restoration targets (incl. degraded seabeds, coastal ecosystems)

PREVENT AND ELIMINATE POLLUTION OF OUR OCEANS, SEAS AND WATERS

- Reduce by at least 50% plastic litter
- Reduce by at least 30% microplastics
- Reduce by at least 50% nutrient losses, chemical pesticides

MAKE THE BLUE ECONOMY CARBON- NEUTRAL AND CIRCULAR

- Net zero maritime emissions
- Zero carbon aquaculture,
- Low carbon multipurpose use of marine space

ENABLERS

Digital Ocean and Waters Knowledge system

Public mobilization and engagement



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Mission lighthouses:

sites to pilot, demonstrate, develop and deploy the Mission activities across EU seas and river basins



Baltic & North sea basin



MAKE THE BLUE ECONOMY CARBON-NEUTRAL AND CIRCULAR

Mediterranean sea basin



PREVENT AND ELIMINATE POLLUTION OF OUR OCEAN, SEAS AND WATERS

Danube river basin



PROTECT AND RESTORE MARINE AND FRESHWATERS ECOSYSTEMS AND BIODIVERSITY

Atlantic & Arctic coast





Mission Charter

you become part of this Mission community



MISSION CHARTER



The Mission Charter is meant to **mobilize** all stakeholders to achieve the goals of the Mission, strengthening **cooperation**, aligning **efforts** and achieving **critical mass** for the transformational **change** needed to restore our oceans and waters. by 2030.

[The Charter for the Mission “Restore our Ocean and Waters by 2030” \(europa.eu\)](https://europa.eu)
[EUSurvey - Survey \(europa.eu\)](https://europa.eu)

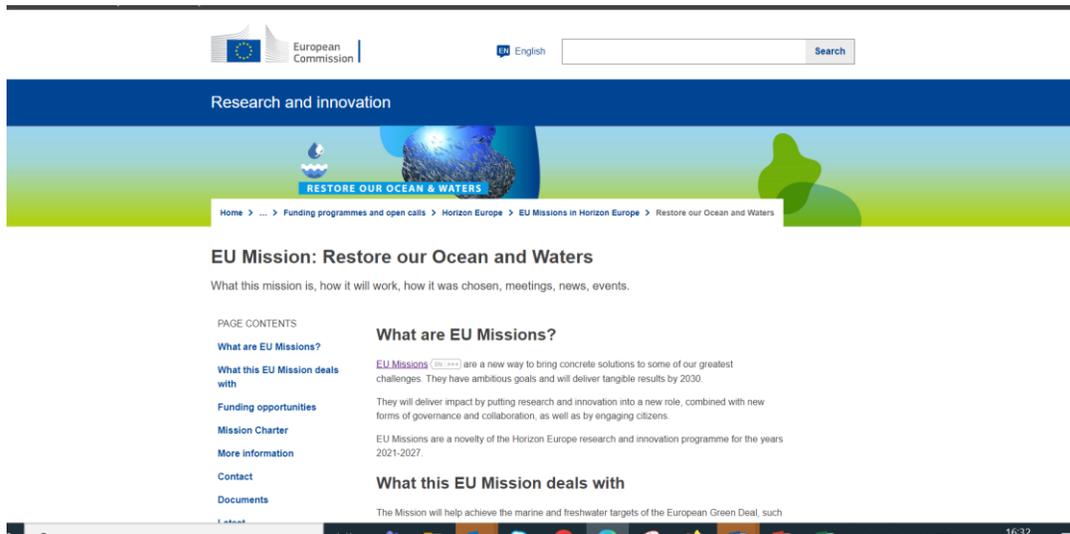


Why to adhere to the Charter?

- ✓ **Send a clear signal** on the importance to protect our waters by supporting the Mission Charter and **commit** to promoting it
- ✓ Be involved in major Mission events increasing the **visibility** of your actions and become a **Mission Actor**
- ✓ Multiply your opportunities for **networking**, exchanges of experiences to improve **knowledge** and to disseminate
- ✓ Be part of a **community of practice** involving entire EU sea/river basins thus contributing to **create impact** and achieve the Mission goals
- ✓ Benefit from **Mission services** and tools to **empower citizens** and young people to take action, by engaging in ocean literacy and education
- ✓ Benefit from a dynamic **investment** ecosystem and advisory services



Be part of the Mission: adhere to the Charter



[Restore our Ocean and Waters \(europa.eu\)](https://europea.eu)

Mission Charter

We are calling on Member States, regions and a wide range of stakeholders to endorse the [Charter](#) (EN | ...) and pledge actions that will contribute to the successful implementation of the Mission and its lighthouses.

Please click below to endorse the Charter and pledge actions

[Endorse the Charter](#)



Action pledges submitted so far: [interactive map](#) (EN | ...)

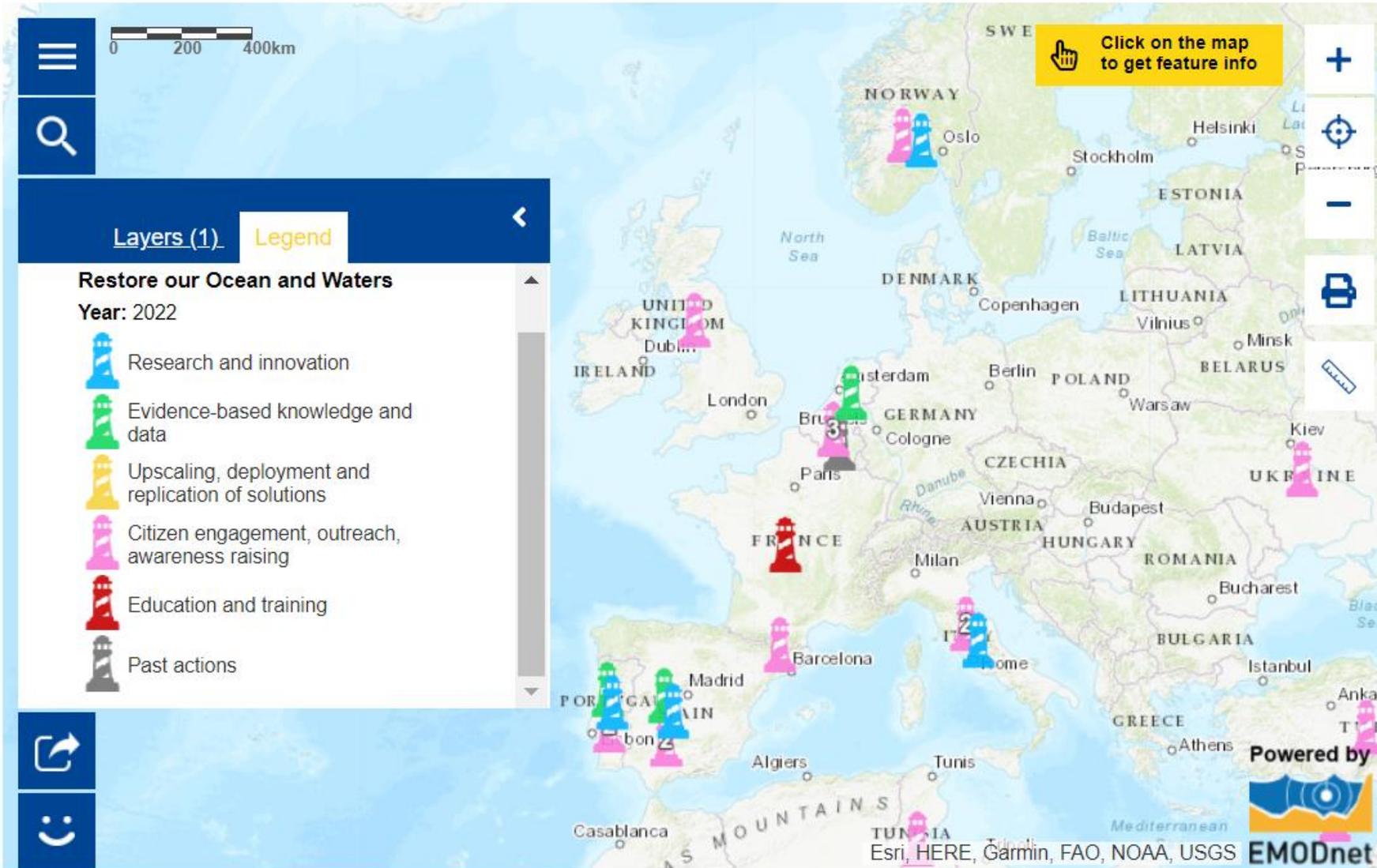
More information

- [mission-oriented policy for Horizon Europe](#) (EN | ...)
- [Horizon Europe](#) (EN | ...)
- [co-design session on oceans mission at Research and Innovation Days \(video\)](#) [\[↗\]](#)
- [EU Missions info days 2022](#) (EN | ...)

Contact

RTD-HORIZON-EUROPE-MISSION-OCEANS@ec.europa.eu

Adhere to the Charter by filling-in the form on [EUSurvey - Survey \(europa.eu\)](#)



Your action in Mission Atlas

Mission Actions - EU Mission Restore our Ocean and Waters (3 of 3)



Title of the action: **Mission Ocean and waters work programme 2021, Horizon Europe**

Short description: **The Mission Ocean and waters work programme includes calls for R&I proposals addressing the Mission objectives and enablers.**

Name of organisation: **European Commission**

Budget: **114,3 Million Euro**

End date of action: **12/04/2022**

Website: [Website](#)



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OUR OFFER



What are the benefits of being part of this Mission?

-  **Visibility** and promotion of your actions as a **Mission Actor**
-  Opportunities for **networking** and sharing **best practices**
-  Access to **Literacy** and **education tools**
-  Access to the **Mission implementation Platform services** (access to knowledge, projects portfolio, information on funding...)
-  Investment **opportunities** and **advisory services**
-  **Awards** (through services) for the **Blue Champions**
-  Access to **support from Lighthouse CSA / Facility** (support to develop science and transition roadmaps, skills training ...)



AWARD SERVICES TO PORTS - CITIES/REGIONS – ISLANDS...



Awards (through services) for the **Blue Champions**

- ✓ **SUPPORT** to establish own **TRANSITION AGENDAS** to achieve Mission's objectives
- ✓ **VISIBILITY** via Mission lighthouse channels
- ✓ **NETWORKING** (ecosystems enablers network, national/regional hubs, Med Stakeholders Forum...)
- ✓ **ORGANISATION** of some **EVENTS**
- ✓ **ACCESS** to advisory **SERVICES**



WHAT CAN YOU DO TO ACHIEVE THE MISSION OBJECTIVES?



ROLE OF THE NCP

- Inform potential beneficiaries about the Mission and its Charter
- Enhance synergies among different national, regional and local initiatives/projects
- Mobilise key actors to get involved in the Mission



LEADING ACTIONS FOR THE CREATION OF 100 LIGHTHOUSE COMMUNITIES

YOU can contribute to enhance and upscale the creation of **100 "lighthouse Communities"** across the four lighthouses by 2023 by becoming a **Mission actor**.

Lighthouse communities: those who can deliver impact on the Mission objectives / targets

For example a grouping of ports, islands, regions, cities, fisheries, industries, philanthropies and investors, universities and researchers, EU national research funding organisations, civic organisations ...



Horizon Europe - MISSION OCEAN Work Programmes/ Calls

2021

CALL - EUR 114 million | *Grant Agreement signed*
117 M€ EU funding (124.4 M€ total project cost)

2022

CALL - EUR 117.9 million | *Selection on-going*

2023

CALL – EUR 118.7M | *WP adopted on 6 December 2022*
Calls open!



**New calls and funding opportunities Horizon
Europe Work Programme 2023**
(€87.7m + €31m for joint calls with other Missions).

Info Day 18 November

[Events | The research and innovation community platform \(europa.eu\)](https://europea.eu)



WP 2023 - Mission Ocean, seas and waters

adopted on 6 December 2022: main features

- ✓ Follows the **impact-driven logic** of Horizon Europe and European Missions
- ✓ Supports major **EU policy objectives**: EU Biodiversity Strategy 2030, EU Action Plan toward Zero pollution, the Communication on a Sustainable Blue Economy, The Nature restoration Law
- ✓ Special focus on «**lighthouses**»: hubs for the development and deployment of transformative innovations (technological, social, business, governance) in **4 basins**:
 - **Atlantic and Arctic sea basin**
 - **Baltic and North Sea basin**
 - **Mediterranean sea basin**
 - **Danube river basin**
- ✓ Based on the **Mission Implementation Plan, 2023 WP complements WP 2021 and 2022 with further actions and new research & innovation areas**
- ✓ Supports the Mission first phase: «**development and piloting**» for 2021-2025



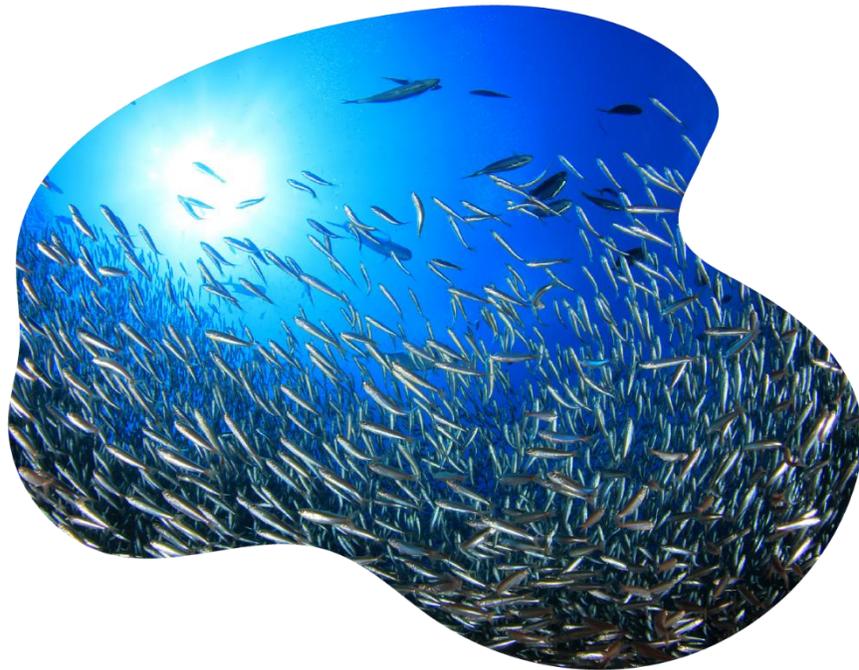
WP 2023 - Mission Ocean, seas and waters

adopted on 6 December 2022: main features

- ✓ **2023 calls** addressing 3 policy objectives as well the enabling activities:
 - **Protect and restore marine and freshwater ecosystems and biodiversity**
 - **Prevent and eliminate pollution of our oceans, seas and waters**
 - **Sustainable, carbon-neutral and circular Blue economy**
 - **Enabling activities: digital ocean & water knowledge system (DTO) and public mobilisation and engagement**
- ✓ **Other actions:** common to all Mission (Mission Boards; solidarity corps)
- ✓ **Indicative budget 2023:** EUR 87.7 million + EUR 31 million for joint calls
- ✓ **Call opening:** 7 December 2022
- ✓ **Call closing date:** 20 September 2023



Conditions and features common to Mission Innovation Actions





Conditions common to Innovation Actions

- **Additional eligibility conditions:**
 - Consortium must involve and include partners from at least three countries of the given basin, in which demonstration activities will be taking place → **Mission lighthouse topics**
 - Use of Copernicus, Galileo/EGNOS for satellite-based observation, positioning, navigation, timing data and services
- **Associated regions: areas** with ecosystems that can benefit from the demonstration activities (e.g. **neighboring regions** and/or regions in a different sea basin) and/or **less-developed regions**, with the need to build capacity to implement the innovative solutions to restore freshwater ecosystems. **Associated regions are located in Member States/Associated countries other than those that are part of the project consortium.** Support to third parties (local and/or regional authorities from ‘associated regions’) up to EUR 100,000 to showcase the feasibility, replicability and scale up of the solutions in other areas
- **Mission digital knowledge system/Digital Twin Ocean:** If projects collect in-situ data and marine observations, beneficiaries must make them openly available through the European Marine Observation and Data network (EMODnet), based on FAIR (findable, accessible, interoperable, reusable) principles.



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Thank you!

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#EUmissions

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