



EUROPEAN UNION



EU MISSIONS

RESTORE OUR OCEAN & WATERS

Concrete solutions for our greatest challenges

July 2024

#EUmissions #HorizonEU #MissionOcean





Mission objectives and targets

Restore our Ocean and Waters by 2030

Objective 1

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)

Objective 2

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

Objective 3

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



Implementing the Mission Ocean and Waters

1. Mobilisation of relevant actors

Mission Lighthouses: established frameworks for basin-level cooperation

Mission Charter: >600 actions with EUR 5.5bn, incl. buy-in from MS, regions, cities

Mission Forum: Annual gathering of Mission community

Blue Parks community: growing community of >80 members sharing knowledge, practices and assistance

Digital Ocean Forum: Building the community of practitioners delivering the DTO

Young people: volunteering (ESC), citizen science (Plastic Pirates), literacy (blue schools)

2. Supporting the transitions

Developing and demonstrating solutions: Growing portfolio of 66 projects with solutions tried and tested in >200 demo sites.

Associated regions: Making solutions available to >100 regions

DTO: Delivered the prototype DTO in June 2024

Support communities: technical assistance to 50 + 100 communities

Implementation platform: Matchmaking, support services, solutions portal, etc.

3. Deployment at scale

Financial support: synergies with structural funds, RRF, EMFAF, etc

Regions: development of Co-operation Working Arrangements to align and leverage funds

Blue Champions: financial advisory to 20 SMEs with EIB

Philanthropy: Alignment of public and private funds



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1. Mobilisation



Member States governments supporting the Mission

Charter adhesions (up to May 2024)

- DE Federal Ministry of Research and Education
- FI Ministry of the Environment
- FR Secretariat General de la Mer, Ministry of higher education and research
- HR HRVATSKE VODE (National Public Waters Authority)
- IE Uisce Éireann (National Public Waters Authority)
- IT Ministry of Universities and Research, CNR, ISRPA
- ES Ministry of Environment and Territory of the Balearic Islands
- ET Estonian Ministry of Rural Affairs
- LT Lithuanian Inland Waterways Authority
- LV Ministry of Environmental Protection and Regional Development of the Republic of Latvia
- MT Transport Malta
- PT Agência Portuguesa do Ambiente
- SK Slovak Environment Agency

and political statements across all lighthouses



Danube high level event: 3-4 April, Bucharest



Mr Sebastian-Ioan Burduja, Minister for Research, Innovation and Digitization



Atlantic-Arctic lighthouse: 23-24 Nov. 2022, Cork



Simon Coveney Minister for Foreign Affairs



Hamburg, 25-26 April 2023



Judith Pirscher State Secretary Federal Ministry of Education and Research



Marseille, 14-15 June 2022



Marseille, 14-15 June 2022



EU MISSIONS RESTORE OUR OCEAN & WATERS Danube Lighthouse Conference | Bucharest | 3 April 2023



Palermo, 30-31 May 2023





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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

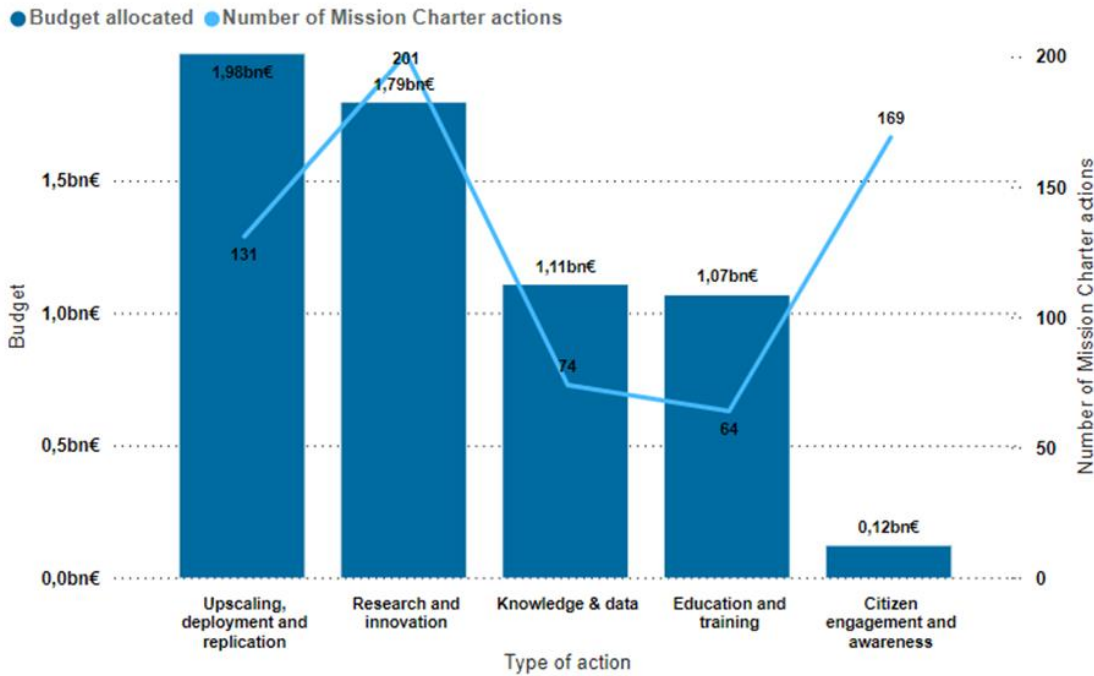




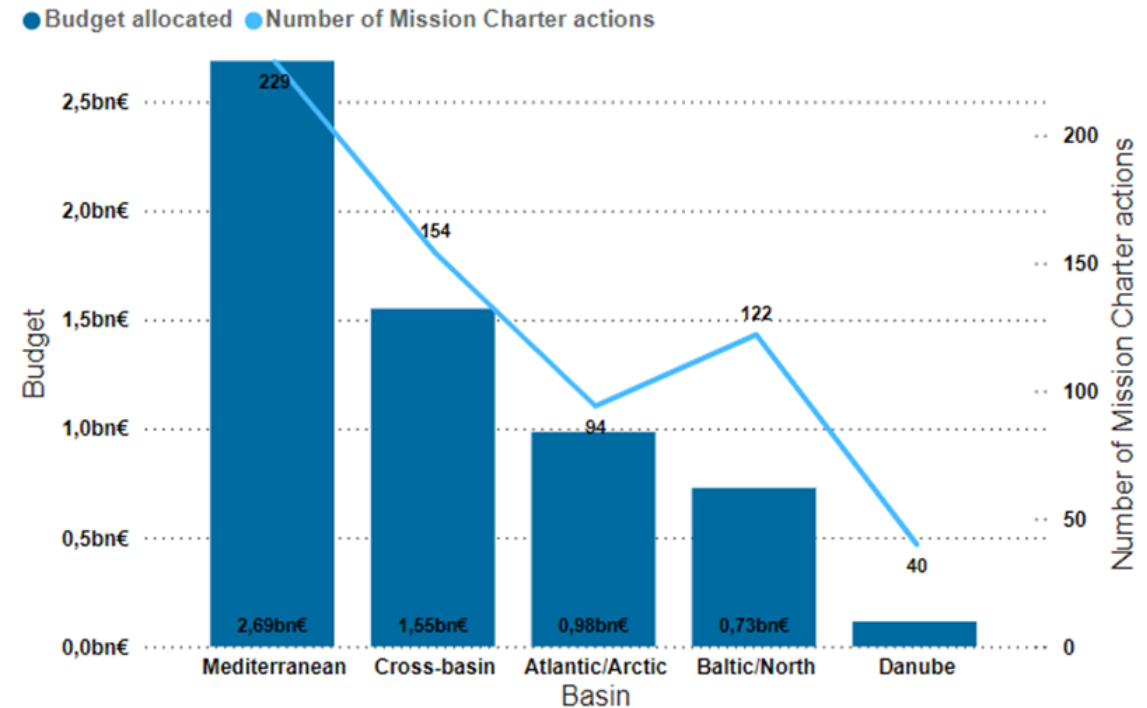
Mission Charter actions

Currently **639** accepted Mission Charter actions (over 800 submitted) with a total budget of over **EUR 6 billion**

Budget and Number of Mission Charter Actions by Type of Action



Budget and Number of Mission Charter Actions by Basin





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Community-building

- Mission Forum and lighthouse conferences
- Blue Parks community established
- Digital Ocean Forum and DTO community established
- Coalition of cities , regions, islands
- Regions associated to Mission projects for demo / transition plans (100 expected)

EU MISSIONS

RESTORE OUR OCEAN & WATERS



EUROPEAN OCEAN DAYS

BRUSSELS
5 MARCH 2024

FORUM ● ● ● ● ●
EU MISSION RESTORE OUR OCEAN AND WATERS

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2nd EU Blue Parks Community Workshop
7 March 2024

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Digital Ocean Forum #3

Wednesday 12 June, 10:00-18:00
Scientific and Technical Workshop *Brussels, Palais des Académies*

Thursday 13 June, 9:30-16:30
High-Level event *Brussels, Palais des Académies*

in cooperation with



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2. Supporting the Transition



HE Mission Ocean & Waters Calls and projects 2021-2024

2021

EUR 117 million - 20 projects

2022

EUR 118 million - 20 projects

2023

EUR 130 million - 27 projects

2024

EUR 127 million - WP adopted 17/04/2024 – Call deadline: 18/09/2024





Mission Calls in WP2021, WP2022 and WP2023

Objective 1
PROTECT AND RESTORE
Marine and freshwaters

Blue Parks

- IAs:
- MPA management,
 - degraded ecosystems,
 - marine habitats

Danube lighthouse

Lighthouse CSA

- IAs:
- restoration of river connectivity,
 - wetlands,
 - management of sediments

Atlantic & Arctic lighthouse

Lighthouse CSA

- IAs:
- coastal restoration,
 - climate and human activities threats to marine biodiversity

Cross-basin topics, IAs

- natural lakes
- landscape water retention capacity

Objective 2
PREVENT AND ELIMINATE POLLUTION
IN OCEAN AND WATERS

Mediterranean lighthouse

Lighthouse CSA

- IAs :
- prevention, reduction and elimination of plastic & litter,
 - prevention; reduction and elimination of chemical pollution,
 - nutrient pollution in the landscape-river-sea system

Cross-basin topics, IAs

- plastic free European rivers,
- low environmental impact fishing gear

Objective 3
MAKE THE BLUE ECONOMY CARBON- NEUTRAL AND CIRCULAR

Baltic & North Sea lighthouse

Lighthouse CSA

- IAs:
- sustainable aquaculture and multi-use of marine space
 - bringing algae-based products on the market

Cross-basin topics, RIAs

- offshore renewables
- repurposing aged/unused offshore infrastructures



Enabler 1 – European Digital Twin of the Ocean



Polar
Environment
Monitoring



Ocean
Health



Trade
& Marine
Navigation



Climate
& Adaptation



Policies & Ocean
Governance
& Mitigation



Science
& Innovation



Education,
Public Health
& Recreation



Natural
Resources
& Energy



Marine
Conservation
& Biodiversity



Coastal
Services



Marine
Food



Extremes,
Hazards
& Safety

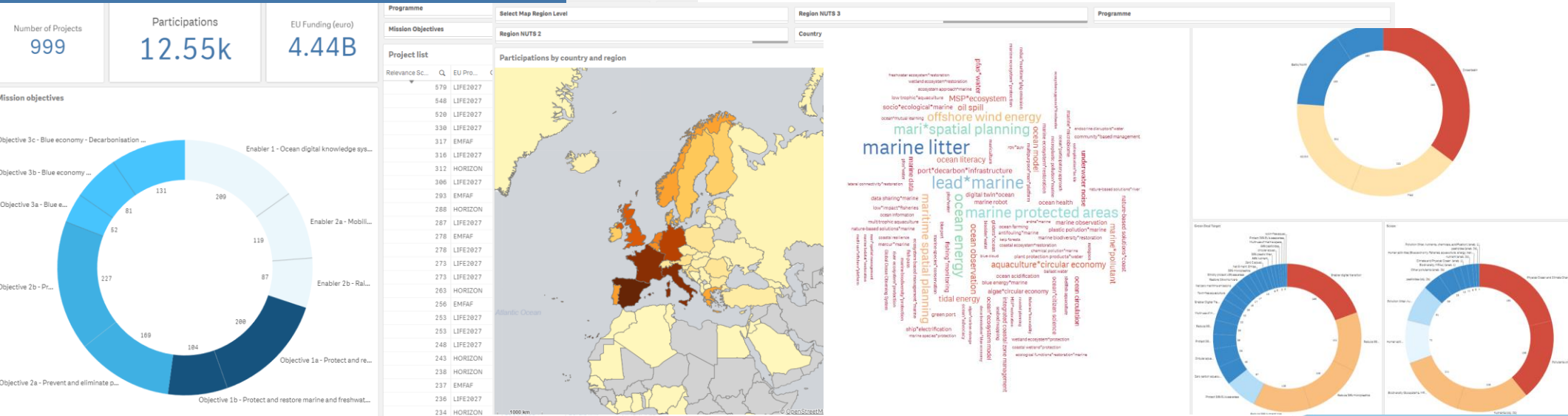




Projects portfolio – analysis and dashboard

- Dashboard updated – across 16 EU programmes – 1000 projects, 4.4bn

Portfolio Dashboard



Portfolio Analysis
EU Mission “Restore our Ocean and Waters by 2030”
 Analysis of a portfolio of projects financed by sixteen EU programmes contributing to the objectives of the Mission Ocean and Waters

Independent Expert Report

HORIZON EUROPE

Research and Innovation

EU Mission Restore our Ocean and Waters Portfolio (public) - Portfolio Dashboard - EU Mission Restore our Ocean and Waters by 2030 portfolio analysis - Qlik Sense (europa.eu)

Portfolio analysis, EU mission “Restore our Ocean and Waters by 2030” - Publications Office of the EU (europa.eu)



EUROPEAN UNION MISSION IMPLEMENTATION PORTAL

Mission Ocean and Waters service portal

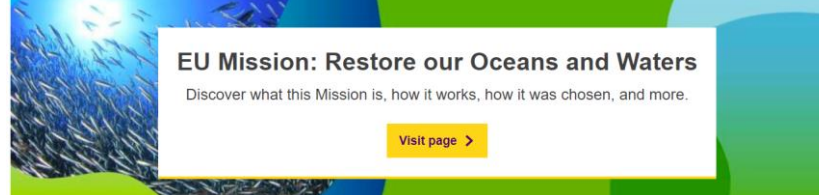
- Home
- Mission Charter
- Mission Solutions ▾
- Mission funding ▾
- Collaboration space ▾
- Advisory services
- EU Blue Parks
- Mission Lighthouses
- News & Events
- About ▾

Mission Ocean and Waters service portal

One-stop-shop for stakeholders involved and interested in the Mission Ocean implementation.

Mission Ocean projects

These Horizon Europe Mission Ocean-funded projects are part of the drivers to fulfill the Mission goals across all Lighthouses. Discover who they are and the work they do.



EU Mission: Restore our Oceans and Waters

Discover what this Mission is, how it works, how it was chosen, and more.

[Visit page >](#)

Find financing

Find a variety of financial programmes and instruments to finance projects and actions related to ocean conservation and blue economy.

Join the Mission

We provide different opportunities for actors and citizens to support and implement ideas related to ocean and water ecosystem restoration, the prevention and elimination of pollution, and making the sustainable blue economy circular and carbon-neutral.



Endorse the Mission Charter

We are calling on Member States, regions and a wide range of stakeholders to endorse the Mission Charter and pledge actions that will contribute to the successful implementation of Mission Ocean and Waters and its Lighthouses.



Join our Forum

Mission Ocean and Waters will present its progress at a Forum hosted annually in Brussels, allowing online exchanges and networking among the Mission Forum community. Find out more about the event here.



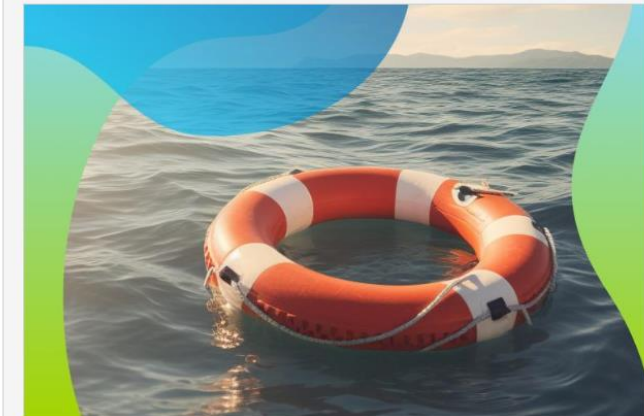
Join the EU Blue Parks Community

Join the EU Blue Parks Community, a collaborative platform for policymakers, researchers, and stakeholders to work together on marine conservation and achieve the goals of the 2030 EU Biodiversity Strategy.



Search for innovative solutions

Find shared knowledge and expertise, fostering collaboration and innovation.



Seek assistance in tailoring your research

Request support in customising your research and connect with solution owners. You can also submit your demand through our helpdesk webform.



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3. Deployment



Synergies – Teaming up beyond EC / HE level

Across different EU Programmes

Horizon Europe, EMFAF, Life, Inter-Reg, InvestEU, EIB, Recovery and Resilience Funds

With Member States and Regions

National and regional programmes / initiatives, partnerships

With International partners / initiatives

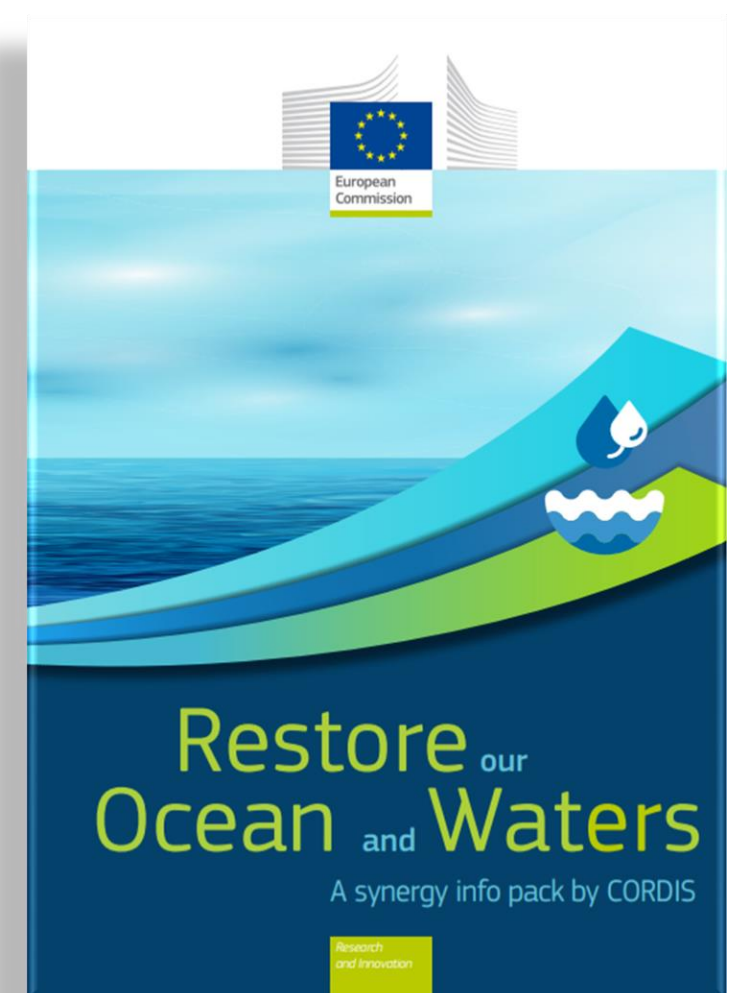
UN Decade Ocean Sciences, UfM, Alliances (e.g. AAORA)

With public & private sectors, and investors

Universities, Joint Undertakings, EIB, EBRD, philanthropy

With citizens and youth

European Solidarity Corps, Citizens initiatives, EU4Ocean, Youth ocean Ambassadors





EU Blue Champions unveiled: 20 companies will receive advisory support to grow their business

- Originating from Croatia, Denmark, France Germany, Greece, Italy, Portugal, Spain, Sweden and Norway, these champions are involved in various sectors ranging from tidal and wind energy solutions to underwater robotics, satellite data applications, and biorefinery activities



Algjinor Norway 	BlueEyeRobotics Norway 	Inalve France 	Innovamare Croatia
Bound4Blue Spain 	Compagnie du Ponant France 	Mission SeaOrbiter France 	Municipality of Genoa Italy
DFDS Denmark 	Ecosubsea Norway 	Oceanofresco Portugal 	Schottel Marine Technologies Germany
EnerOcean Spain 	Flowatt France 	Promethee Earth Intelligence France 	SmartOcean Norway
			Wsense Italy
			Scidrones Greece
			Unseenlabs France
			Xshore Sweden



SUPPORTING the Mission Communities for local deployment

EC support :

- **EC support to regions, local authorities, islands to prepare transition agendas + community-led pilot actions** : services and feasibility studies
- **Facilitating investments** to implement the actions : MIP service portal, EIB Blue Champions, matchmaking with investors /philanthropies ...
- **Synergies** and ‘pacts with Regions’: negotiation with Regions to invest structural funds in Mission actions / transition agendas supported by the EC (pilot on-going)

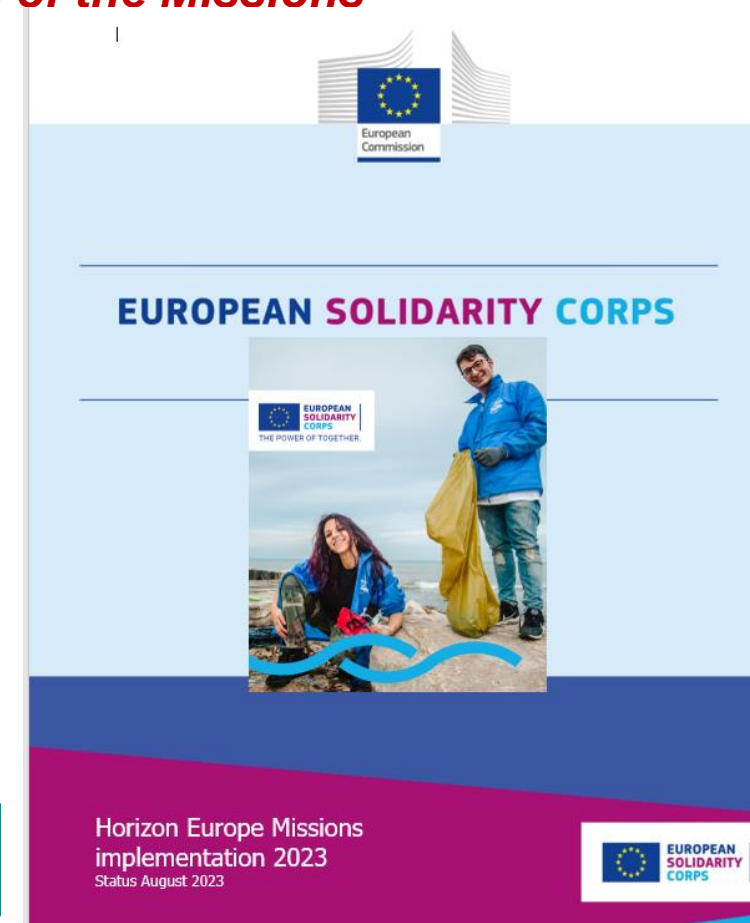


EUROPEAN SOLIDARITY CORPS and EU MISSIONS

Contribute to European Green Deal by mobilising young citizens to be active players and vectors of change in climate, environmental and health issues, linked to the goals of the Missions

- **EUR 16.5 million** - Horizon Europe Work Programme 2023
- The amount was entirely distributed to **volunteering activities**
- Contribution agreements with 31 programme countries (27 MS + Iceland, Liechtenstein, North Macedonia and Türkiye.)
- Results: 465 projects for “environmental protection, sustainable development and climate action” + 365 under “projects green practices”.
- **Examples for Mission Ocean and Waters:**

Netherlands	Oceans and waters	Sail Training Association NL
France	Oceans and waters biodiversity, environmental protection, environmental education, green skills	ASSOCIATION POUR LA MISE EN VALEUR DES RIVIERES ET POUR LES INITIATIVES LOCALES
France	Oceans and waters biodiversity, environmental protection, environmental education, green skills, research	Fondation Tour du Valat, Institut de recherche pour la conservation des zones humides méditerranéennes
Portugal	Oceans and waters Project green practices Inclusion and diversity Environmental protection, sustainable development and climate action	A Rocha – Associação Cristã de Estudo e Defesa do Ambiente





REGIONS are key for our Mission

- **CHARTER** adhesion
- **PROJECTS** associated regions
- **TECHNICAL ASSISTANCE** – 20 to ports/islands/fisheries – 3 Italy / Sicily - new Call in Oct
- **Co-operation Working Arrangement : EC- Region**



Associated Regions

Mission Ocean and Waters service portal

- Home
- Mission Charter
- Mission Solutions & Projects
- Mission funding
- Collaboration space
- EU Blue Parks
- Mission Lighthouses
- News & Events
- Monitoring
- >

Home > ... > Horizon Europe > EU Missions in Horizon Europe > Calls for proposals for Associated Region:

Calls for proposals for Associated Regions

To address the impact-driven approach of the Mission and the nature of Innovation Actions, funding under the Mission 'Restore our Ocean and Waters' projects is also available for Associated Regions. The goal of these calls is to showcase the feasibility, replicability, and scalability of solutions developed within these projects in other areas.



Restore4Life
Open Call:
The stats are
here!



STATUS: OPEN

DALIA Rivers Revived call for Associated Regions

Deadline

16 October 2024, 17:00 CEST

STATUS: OPEN

INSPIRE call for Associated Regions

Deadline

29 November 2024



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Thank you!

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

#MissionOcean

#EUmissions

#HorizonEU

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