

The EU Mission: Restore our Ocean and Waters

iWATERMAP High Level Event – European Committee of the Regions

The Mission Restore our Ocean, Seas and Waters by 2030



Digital ocean and water knowledge system Protect and restore marine and freshwater ecosystems and biodiversity

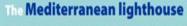
- Protect a minimum of 30% of the EU's sea area and integrate ecological corridors, as part of a true Trans-European Nature Network
- •Strictly protect at least 10% of the EU's sea area
- Restore at least 25,000 km of free-flowing rivers
- •Contribute to relevant upcoming marine nature restoration targets including degraded seabed habitats and coastal ecosystems



Objective: protecting and restoring marine and freshwater ecosystems and biodiversity

Prevent and eliminate pollution of our ocean, seas and waters

- Reduce by at least 50% plastic litter at sea
- •Reduce by at least 30% microplastics released into the environment
- Reduce by at least 50% nutrient losses, the use and risk of chemical pesticides



Objective: preventing and eliminating pollution of ou ocean, seas and waters.

Public mobilization and engagement

Make the sustainable economy carbon neutral and circular

- Eliminate greenhouse gas emissions from maritime economic activities in the EU and sequester those emissions that cannot be avoided (net zero maritime emissions).
- Develop zero-carbon and low-impact aquaculture, and promote circular, low carbon multi-purpose use of marine and water space

The Baltic-North sea lighthouse

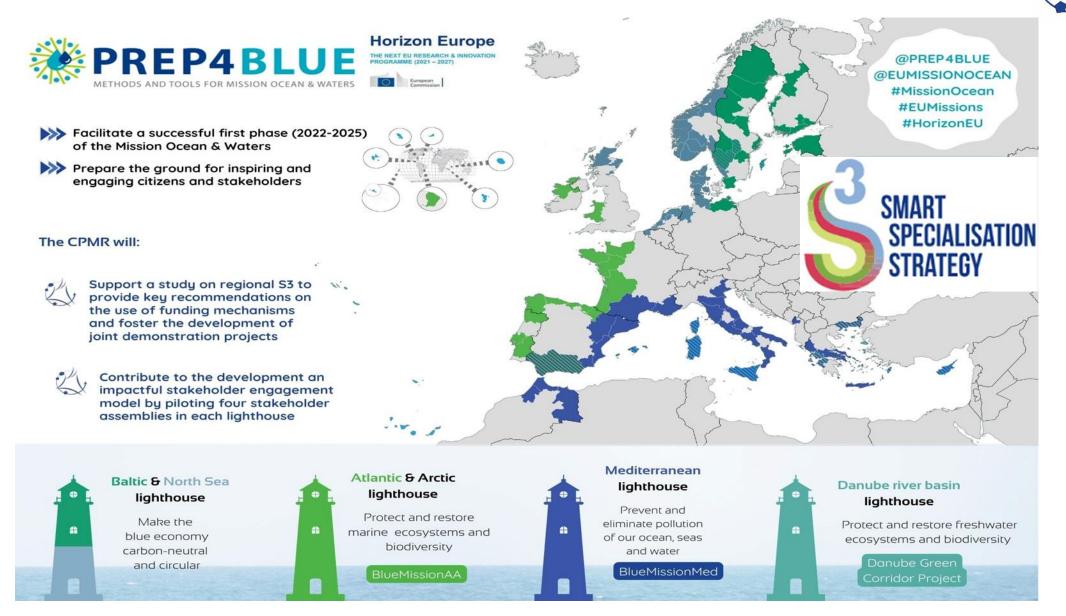
Objective: making the blue economy carbon-neutral and circular.

2021-2023 – 1st implementation phase

2024-2025 –Mid term review

2026-2029 – 2nd implementation phase

The involvement of the CPMR in the Mission Ocean and Waters



support platform 5 M€

Mar 23 – Feb 27: Tender - Mission Implementation.

Protect and restore marine and fresh water ecosystems and biodiversity

Prevent and eliminate pollution of our ocean, seas and waters

Sustainable, carbon-neutral and circular Blue economy

Danube river basin lighthouse coordination activities -CSA, 3 M€

Atlantic / Arctic basins lighthouse coordination CSA, 3 M€

Med lighthouse coordination activities CSA, 3 M€

Baltic / North Sea lighthouse coordination activities CSA, 3 M€

European Blue Parks

IA: 2 projects each 8,5 M€

LH Restoration of 25000 km free flowing rivers; reduction of artificial river flow barriers in Danube, increased population of fish/shellfish/etc. in Danube; protection of local communities from extreme events (flood, drought, storms)

IA; 2 projects each 8,5 M€ - 6 demos

LH: Implement blueprints to make communities climate-proof & weather resilient // innovations for marine, coastal, river restoration / sustainable propositions for local stakeholders IA; 2 projects each 8,5 M€ - 6 demos

LH: Upstream prevention of litter by design; substitutes or less polluting materials; circular design of fishing gear; solutions for tracking loss of containers & fishing gear; efficient waste collection

IA; 2 projects each 8,5 M€ - 6 demos

LH: Mussel & Seaweed marine aquaculture within OWFs and IMTA

IA; 2 projects each 8,5 M€/ 9 demos

05-01 Underlying models for the European Digital Twin Ocean IA, 7 M€ // 05-02 The relation of young generations with the sea and water: values, expectations, and engagement RIA, 1 M€ // 05-03 Piloting citizen science in marine and freshwater domains CSA, 1 M€

EU Public Infrastructure for the European Digital Twin Ocean (integrates CMEMS & EMODnet) - 3 M€: MOI & VLIZ / Europeanisation of Plastic Pirates Citizen Science Initiative 2 M€: DLR - Q1 2022 - GRANT

European Blue Parks

IA: 2 projects each 8.5 M€

LH: Protection and restoration of wetlands, flood plains, coastal wetlands and salt marshes and their biodiversity IA; 2 projects each 8,5 M€ - 6 demos

No Call 2 Atlantic / Arctic LH

LH: Upstream prevention / substitutes for prevalent chemical pollutants

IA; 2 projects each 8,5 M€ - 6 demos

LH Bringing Algae based products to the market: food, feed, waste, materials, textiles, pharma 2 projects each 8,5 M€ / 9 demos

ALL EU: Innovative solutions for waste-free European rivers IA; 1 project for 10 M€ - 5 demos // Smart and low environmental impact fishing gear IA; 1 project for 10 M€ - 3 demos

Integration of biodiversity monitoring data into the Digital Twin Ocean IA, 10 M€ // 05-02 Student / school activities on 'blue' education CSA, 3 M€ 05-03 European e-DNA library of marine and freshwater species CSA, 2 M€ Towards local community-driven business models: regenerative ocean farming CSA, 3*1ME

European Blue Parks IA: 2 projects each 8.5 M€

LH: Protection and restoration of wetlands, flood plains, coastal wetlands and salt marshes and their biodiversity

IA; 2 projects each 8,5 M€ - 6 demos

LH: Innovations to counteract marine biodiversity loss (shipping, fishery, invasive species, nursery habitats); economic sustainable propositions for local stakeholders (fishermen)

IA; 2 projects each 7,5 M€ - 6 demos

Joint call wit Mission Soil : Joint demonstration of approaches and solutions to address nutrient pollution in the landscape-river-sea system in the Mediterranean sea

IA; 2 projects each 8M€ - 6 demos

LH: Green & energy-efficient small-scale fishing fleets: reduced fuel consumption & emissions IA; 3 projects each 4 M€/9 demos

EU wide: protection and restoration of natural lake ecosystems and their biodiversity IA; 3 projects each 5 M€ - 9 demos // Joint Call with Climate and Soil Missions - Joint demonstration of an integrated approach to increasing landscape water retention capacity at regional scale IA; 1 project 15M€ - 3 demos

> Nature-inclusive concept design & practices for offshore renewables RIA, 4,5 M€ / 01-07 Analysis of obstacles & opportunities for repurposing aged/unused offshore infrastructures RIA, 1,4 M€ 01-08 Integration of socio-ecologic models into Digital Twin Ocean RIA, 3*3,3 M€ / Roadmap towards integration of inland waters into Digital Twin Ocean CSA, 2M€ / Choose your fish: a campaign for responsible consumption of products from the sea CSA, 2M€ / Ocean, water and arts: Contribution of creative sectors to Mission Ocean CSA, 2M€

The Mission Implementation Charter





Mission Ocean Charter



What is it?



A non-binding instrument open to any public or private interested parties



A way for all stakeholders to express their commitments to reach the Mission objectives



An inclusive and inspirational framework to galvanize cooperation, collaboration, resources and activities to reach the Mission goal



Mission Charter Platform

To endorse the Charter, stakeholders need to submit an action through the Charter online platform, indicating how they will collaborate and mobilise their resources to achieve the Mission objectives.

When adhering to the Charter, stakeholders will have access to the services and tools of the Mission Ocean and be involved in various events. fostering networking and potential collaborations

Actions



Research and Innovation





Upscaling, deployment and replication of solutions





Education and Training



Measure engagement



>>> Event involvement



Signthe



Thank you for your attention

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