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# EU Research and Innovation for Ocean and Waters Restoration, Pollution and Resilience

9th European Bioremediation Conference  
Chania, 19 June 2025

Elisabetta Balzi  
European Commission  
DG Research and Innovation



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**EU MISSIONS**  
RESTORE OUR OCEAN & WATERS



**Policy drive**

**Horizon Europe – Cluster 6**

**Mission Ocean and Waters**

**Partnerships**

**Sustainable Blue Economy, Water4all, PRIMA**



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# POLICY DRIVE

Political Guidelines 2024-2029

Learn more >



- A new Ocean Pact
- EU Water Resilience Strategy
- A new Mediterranean Pact

EU MISSIONS  
RESTORE OUR OCEAN & WATERS



NEWS ARTICLE | 5 June 2025 | Directorate-General for Communication | 1 min read

## Commission adopts Ocean Pact to protect marine life and strengthen blue economy



- 1 Protecting and restoring ocean health
- 2 Boosting sustainable competitiveness of the blue economy
- 3 Supporting coastal, island communities and outermost regions
- 4 Advancing ocean research, knowledge, skills and innovation
- 5 Enhancing maritime security and defence as a prerequisite
- 6 Strengthening EU ocean diplomacy and international rules-based governance.

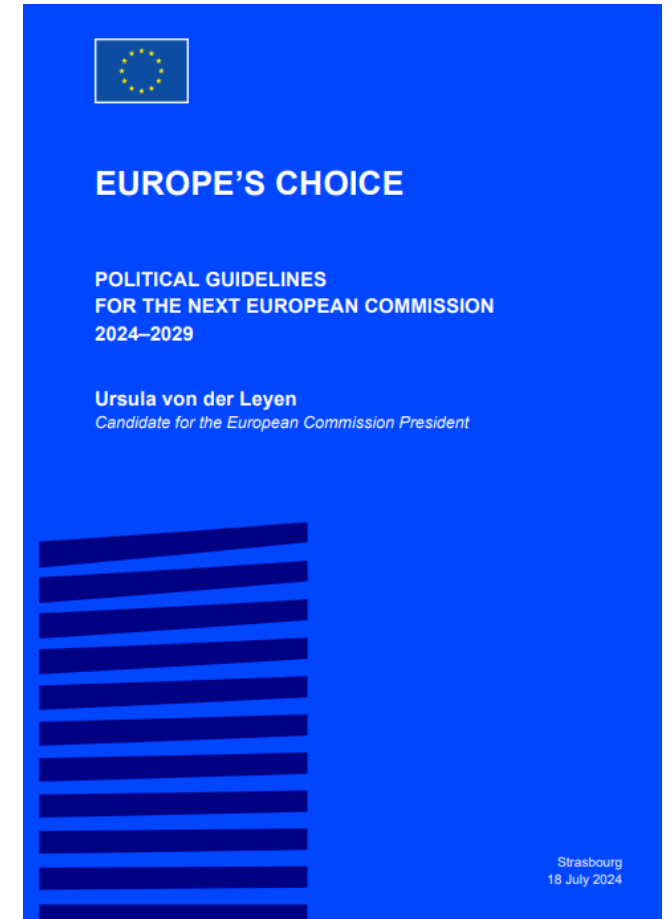
# Commission priorities 2024-2029

- Work Programme 26-27 is also expected to contribute to the **new political priorities**:

Sustaining our  
quality of life: food  
security, water and  
nature

A new plan for  
Europe's sustainable  
prosperity and  
competitiveness

- And to support the objectives of **new or upcoming policy initiatives** such as
  - Vision for **Agriculture and Food**
  - **Clean Industrial** Deal
  - **Circular economy** act
  - **Life science** strategy



# Horizon Europe – Mission and Partnerships in the Mediterranean

## Horizon Europe projects

Mediterranean : 80 projects, 394 M€

Pollution : 106 projects, 556 M€

## Mission Restore our Ocean and Waters by 2030

Restoration / Pollution /Blue Economy – 0.5bn

Mediterranean lighthouse - CSA Blue Mission Med

8 projects, 57 M€

335 Charter Actions - 3bn

## Sustainable Blue Economy Partnership

30 countries, 450 M€

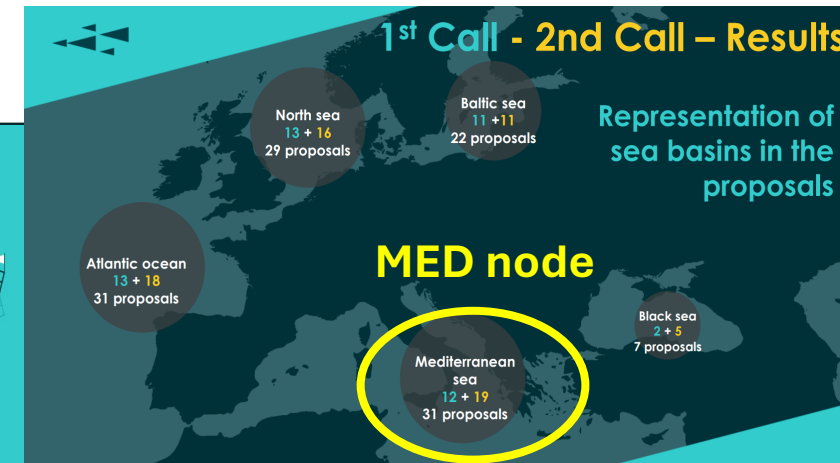
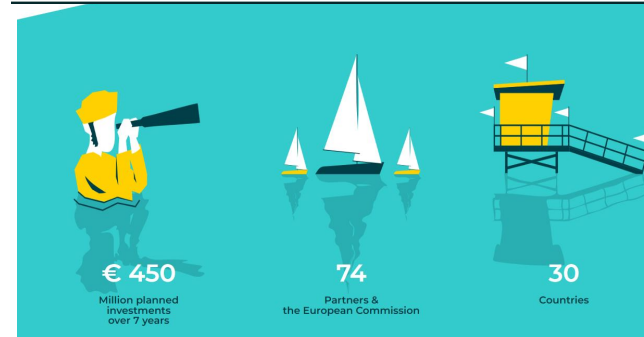
Med node, 31 Med projects



## Mediterranean lighthouse



Sustainable Blue  
Economy Partnership



## Partnership for Research and Innovation in the Mediterranean Area



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Policy drive

**Horizon Europe – Cluster6**

Mission Ocean and Waters

Partnerships - Sustainable Blue Economy, Water4 all





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#HorizonEU

HORIZON  
EUROPE



Cluster 6

**FOOD, BIOECONOMY,  
NATURAL RESOURCES,  
AGRICULTURE &  
ENVIRONMENT**



## Intervention Area 4: Seas, Oceans and Inland Waters

# The European Green Deal and Cluster 6



Circular economy and bioeconomy sectors

Clean environment and zero pollution

Resilient, inclusive, healthy and green rural, coastal and urban communities

Innovative governance, environmental observations and digital solutions in support of the Green Deal



Biodiversity and ecosystem services

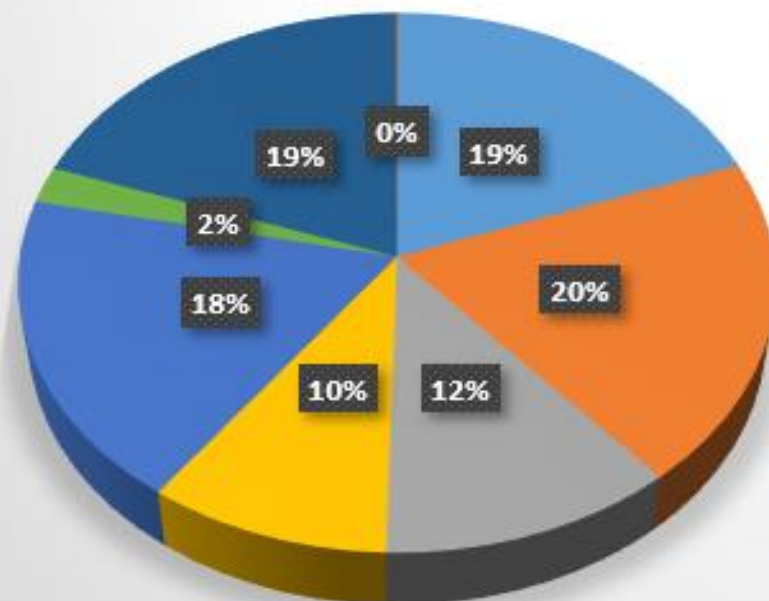
Fair, healthy and environmentally-friendly food systems from primary production to consumption

All destinations



IA4

772,83 Mio  
62 topics



- 1. Biodiversity and ecosystem services
- 2. Fair, healthy and environmentally-friendly food systems from primary production to consumption
- 3. Circular economy and bio-economy sectors
- 4. Clean environment and zero pollution
- 5. Land, oceans and water for climate Action
- 6. Resilient, inclusive, healthy and green rural, coastal and urban communities
- 7. Innovative governance, environmental observations and digital solutions in support of the Green Deal
- GIB

# 2021-2027

## RESEARCH COVERAGE

7 DESTINATIONS

1. Biodiversity and ecosystem services	148,75
2. Fair, healthy and environmentally-friendly food systems from primary production to consumption	151,26
3. Circular economy and bio-economy sectors	89,68
4. Clean environment and zero pollution	73,40
5. Land, oceans and water for climate Action	142,65
6. Resilient, inclusive, healthy and green rural, coastal and urban communities	16,80
7. Innovative governance, environmental observations and digital solutions in support of the Green Deal	149,29

# IA4: Seas and Oceans.

## Marine biodiversity & ecosystems portfolio (1/3)

EU contribution 128,7 M€: 17 projects



Understanding and valuing coastal and marine biodiversity & ecosystems services

RIA - 28,4M€

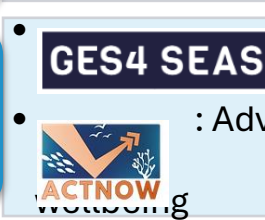


: Marine biodiv. assessment & prediction across spatial, temporal and human scales

: Marine biodiv. and ecosystem functioning leading to ecosystem

Integrated impacts of cumulative stressors on coastal and marine biodiv. & ecosyst. services

RIA - 19,6M€



: Achieving Good Environmental Status for maintaining ecosystem Services, by assessing integrated impacts of cumulative pressures

: Advancing understanding of Cumulative Impacts on European marine biodiversity, ecosystem functions and services for human

Demonstration coastal and marine ecosystems restoration and resilience

IA - 8,7M€



: Marine Systems Approaches for Biodiversity Resilience and Sustainability

Improved science based maritime spatial plan. and identification of marine protected areas

RIA - 9,8M€



: Improved Science-Based Maritime Spatial Planning to Safeguard and Restore Biodiversity in a coherent European MPA network

: Improved transdisciplinary science for effective ecosystem-based maritime spatial planning and conservation in European Seas

: Marine Protected Areas Europe

Observing and mapping biodiv. & ecosystems, focus on coastal & marine ecosystems

RIA - 25,5M€



: Observing and mapping marine ecosystems – next generation tools

: Marine coastal biodiversity long-term observations

: Integrated observation, monitoring and prediction architecture for functional biodiversity of coastal seas

91,9 M€  
11 projects

## IA4: Seas and Oceans

# Marine biodiversity & ecosystems portfolio (2/3)

EU contribution: 128,7 M€: 17 projects



WP2023-2024

**Restoration of deep-sea habitats,  
IA, 8,8 M€**



: Restoration of deep-sea habitats to rebuild European Seas

**Demonstration of marine and coastal  
infrastructures as hybrid blue-grey  
nature-based solutions,  
IA, 10M€**



: Demonstration of Dune-Dike hybrid blue-grey Nature-based Solutions



: Advancing Ecosystem-Based Management through  
Blue-Grey Infrastructures in Marine and Coastal  
Areas

**Selective breeding programme for  
organic aquaculture  
RIA, 6M€**

[EUAqua.Org](https://euaqua.org): Integrative breeding strategies for the transition of EUropean AQUAculture  
towards sustainable ORGanic production

SelectOrganic

5 projects  
24,8 M€

IA4: Seas and Oceans.

## Marine biodiversity & ecosystems portfolio (3/3)

EU contribution: 128,7 M€: 17 projects



**OPEN CALL 2025**

WP2025

**Integrated and coordinated approaches for coral reefs  
and associated ecosystems (mangroves and seagrass  
beds) conservation, restoration, and adaptation  
potential  
RIA, 12 M€**

12 M€  
2 projects

# IA4: Seas and Oceans

## Food from the ocean portfolio (1/3)

EU contribution: 108 M€: 20 projects



Sea to Fork transparency and consumer engagement

IA – 9,0M€



- : EU integration of new technologies and social-economic solutions for increasing consumer trust and engagement in seafood products
- : Innovative blockchain traceability technology and stakeholders' engagement strategy for boosting sustainable seafood visibility, social acceptance and consumption in Europe

Digital transition supporting inspection and control for sustainable fisheries

IA – 8,3M€



- : Digital transition of catch monitoring in European fisheries
- : providing a European fisheries dataspace through a consultative approach

Freshwater bioeconomy: aquaculture, biodiversity preservation, biotechnology and other uses

RIA – 9,7M€



- : SmartAqua4FuturE - SAFE
- : Aquaponics from wastewater reclamation

Biosecurity, hygiene, disease prevention and animal welfare in aquaculture

RIA – 12,3M€



- : Curing EU aquaculture by co-creating health and welfare innovations
- : Improving green innovation for the blue revolution: new tools and opportunities for a more sustainable animal farming

Innovative food from marine and freshwater ecosystems

IA – 20,5 M€



- : Demonstration of innovative functional food production systems based on a sustainable value chain of marine and freshwater raw materials for conscientious European consumers
- : Innovative approaches for marine and freshwater based ingredients to develop sustainable foods and value chains
- : Innovative Approaches for an Integrated Use of Algae in Sustainable Aquaculture Practices and High-Value Food applications

11 projects

59,8 M€

# IA4: Seas and Oceans

## Food from the ocean portfolio (2/3)

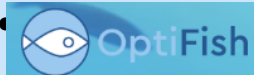
EU contribution: 108 M€: 20 projects



WP2023-2024

Automatic species recognition & artificial intelligence to fight illegal fish discards and revolutionise fisheries control

IA, 5M€



: Optimisation of digital catch monitoring and reporting in European

Minimising climate impact on fisheries: mitigation and adaptation solutions for future climate regimes

IA, 9M€

- **MECCAM**: Measures for climate change adaptation and mitigation in European fisheries
- **INFINIFISH**: Climate-friendly and resilient fisheries through innovation and co-learning

Minimising climate impact on aquaculture: mitigation and adaptation solutions for future climate regimes

IA, 9M€

- **OCCAM**: Operationalizing Climate Change Adaptation and Mitigation for aquaculture
- **ActFast**: Actions for Climate Transition by developing Future Aquaculture Strategies and Technologies

24,5 M€  
5 project



IA4: Seas and Oceans

## Food from the ocean portfolio (3/3)

EU contribution: 108 M€: 20 projects



### OPEN CALL 2025

WP2025

Diversifying aquaculture production with  
emphasis on low-trophic species

IA, 12 M€

Towards modern, integrated, and effective  
fisheries monitoring, control and surveillance  
(MCS) systems in Europe

IA, 12 M€

24 M€  
4 projects



European  
Commission

# Cluster 6 - IA4: Seas and Ocean

## Blue bioeconomy and biotechnology portfolio

EC contribution: 79,7 M€: 11 projects



WP2021-2022

Algae for the EU blue bioeconomy

IA – 25,2M€



- SEAMARK : Seaweed based market applications
- REALM : Reusing effluents from agriculture to unlock the potential of microalgae
- CIRCALGAE : Circular valorisation of industrial algae waste streams into high-products to foster future sustainable blue biorefineries in Europe.

Marine microbiome for healthy ocean and the blue bioeconomy

RIA – 16,5 M€



- BlueTools : Innovative tools for sustainable exploration of marine towards a circular blue economy and healthier marine
- BlueRemediomics : Harnessing the marine microbiome for novel sustainable biogenics and ecosystem services

41,7 M€  
5 projects

WP2023-2024

Novel culture of marine organisms for blue biotechnology applications

RIA, 8M€



- BLUES : Bioprocesses for metabolite production from marine invertebrate cell lines
- COMBO : Innovative cultivation methods for marine biodiscovery

Targeting aquatic extremophiles for sourcing novel enzymes, drugs and chemicals

RIA, 18M€

- XTREAM: Sustainable exploration and biodiscovery of novel products and processes from extreme aquatic microbiomes to expedite the circular bioeconomy
- EXPLORA: Unlocking the Hidden Treasures of Aquatic Extremophiles: sustainable development of industrially relevant novel active biomolecules
- NEXTMARINE
- XTREMOLIFE

26 M€  
6 projects,



European  
Commission

Cluster 6 - IA4: Seas and Oceans

# Blue bioeconomy and biotechnology

EC contribution : 79,7 M€: 11 projects



**OPEN CALL 2025**

**Bioprospecting and optimised production of  
marine/aquatic natural products in the omics  
& artificial intelligence era**

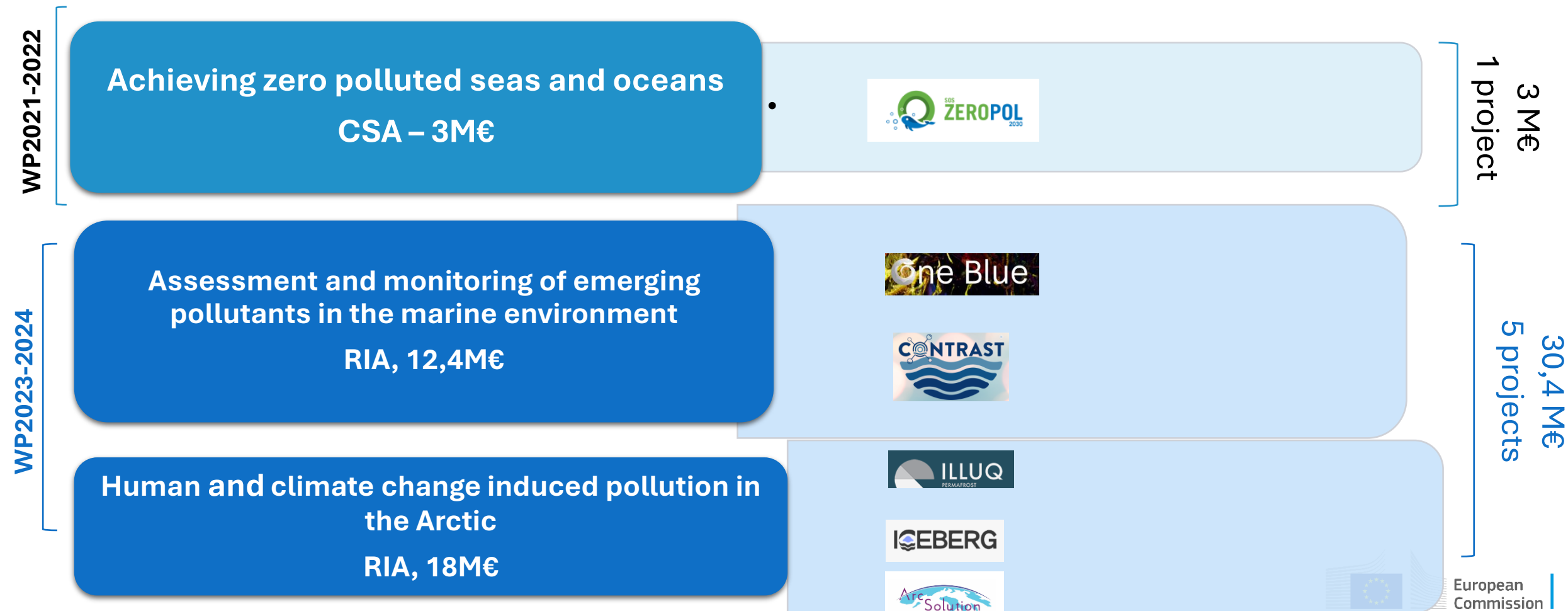
**IA, 12 M€**

12 M€  
2 projects

# Cluster 6 - IA4: Seas and Ocean

## Zero pollution on seas and ocean portfolio

EU contribution: 51,4 M€: 9 projects



## Cluster 6 - IA4: Seas and Oceans

# Zero pollution on seas and ocean

EU contribution: 51,4 M€: 9 projects



### OPEN CALL 2025

**Towards a comprehensive European strategy to assess and monitor aquatic litter including plastic and microplastic pollution**

**RIA, 6 M€**

**Cumulative impacts of marine pollution on marine organisms and ecosystems**

**RIA, 12 M€**

18 M€  
3 projects



European  
Commission

## Cluster 6 - IA4: Seas and Oceans

# Innovative governance, environmental observations and digital solutions in support of the Green Deal (1/3)

EU contribution: 82,3 mio M€: 7 projects



WP2021-2022

Environmental and social cross-compliance  
of marine policies

RIA – 3 M€



: Coherent and cross-compliant ocean governance for delivering the EU Green Deal for European Seas

Multi-layer governance performance of  
marine policies

RIA – 11,8 M€



• BlueGreen Governance

: Multi-layer governance performance of marine policies  
: BlueGreen Governance

European Partnership for a climate neutral,  
sustainable and productive Blue Economy

COFUND – 23 M€



Sustainable Blue  
Economy Partnership

: Sustainable Blue Economy Partnership

37,8 M€  
4 projects



European  
Commission



## Cluster 6 - IA4: Seas and Oceans

# Innovative governance, environmental observations and digital solutions in support of the Green Deal (2/3)

EU contribution: 82,3 mio M€: 7 projects



Cluster 6 - IA4: Seas and Oceans

## Innovative governance, environmental observations and digital solutions in support of the Green Deal (3/3)

EU contribution: 82,3 mio M€: 7 projects



### OPEN CALL 2025

Improving and integrating polar observation systems in response to user requirements at local, regional, and international level

IA, 8 M€

8 M€  
1 project

## Dest 1 : Biodiversity and Ecosystem Services



**Consolidating  
biodiversity  
knowledge for  
nature and  
society**

**6 topics**



**Restoring  
ecosystems for  
resilient  
society and  
economy**

**6 topics**



**Transformative  
change  
towards a  
nature positive  
economy**

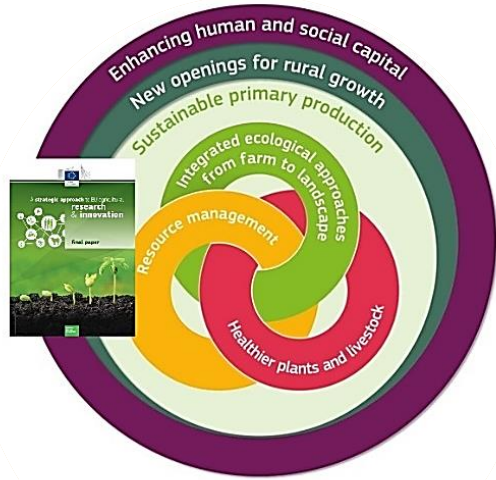
**5 topics**



**Biodiversity  
friendly  
practices in  
agriculture**

**3 topics**

# Dest 2 : Fair, healthy and environment-friendly food systems from primary production to consumption



**Enabling  
sustainable farming  
systems**

**13 topics**



**Enabling  
sustainable  
fisheries and  
aquaculture**

**2 topics**



**Transforming food  
systems for health,  
sustainability and  
inclusion**

**4 topics**



**Targeted  
international  
cooperation**

**4 topics**



# DEST 3 : Circular economy and bioeconomy sectors



**Enabling a  
circular economy  
transition**

**16 topics**



**Innovating for  
sustainable bio-  
based systems,  
biotechnology and  
the bioeconomy**

**10 topics**



**Innovating for  
blue bioeconomy  
and  
biotechnology  
value chains**

**2 topics**



**Safeguarding and  
sustainably  
innovating the  
multiple  
functions of EU  
forests**

**1 topic**

# DEST 4 : CLEAN ENVIRONMENT AND ZERO POLLUTION



6 topics

DRAFT Topics 2026-27	Year	Type of Action
Europe-wide environmental benchmarking system of the industrial bioeconomy sectors	2026	CSA
Bioremediation of Ukraine's ecosystems contaminated by conflicts	2026	IA
Decontaminate and bioremediate aquatic pollution	2026	IA
Developing managed aquifer recharge techniques (MAR) in an EU agricultural context	2026	RIA
Replacing hazardous substances in biocidal products	2027	RIA
Developing effective air quality planning strategies through innovative multi-scale modelling	2027	RIA



# DEST 7 : INNOVATIVE GOVERNANCE, ENVIRONMENTAL OBSERVATIONS AND DIGITAL SOLUTIONS IN SUPPORT OF THE GREEN DEAL



**Innovating with  
governance models  
and supporting  
policies**

**8 topics**



**Deploying and  
adding value to  
Environmental  
Observations**

**5 topics**



**Digital and data  
technologies as key  
enablers**

**2 topics**



**Strengthening  
agricultural knowledge  
and innovation systems**

**5 topics**



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Policy drive

Horizon Europe – Cluster6

**Mission Ocean and Waters**

Partnerships - Sustainable Blue Economy, Water4 all



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# EU MISSIONS

**RESTORE OUR OCEAN & WATERS**

**Concrete solutions for our greatest challenges**



#EUmissions #HorizonEU #MissionOcean





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**EU MISSIONS**  
**RESTORE OUR OCEAN & WATERS**



# 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

**Mediterranean lighthouse**



## 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 Calls and projects

**2021**

**EUR 117 million - 20 projects ongoing**

**2022**

**EUR 118 million - 20 projects ongoing**

**2023**

**EUR 130 million - 27 projects ongoing**

**2024**

**EUR 120 million - 13 projects ongoing/under signature**

**2025**

**WP published 15 May 2025 – call deadline 24/09/2025**

**2026**

**2027**

**WP in preparation**

485 M€ WP21-24





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**EU MISSIONS**  
RESTORE OUR OCEAN & WATERS



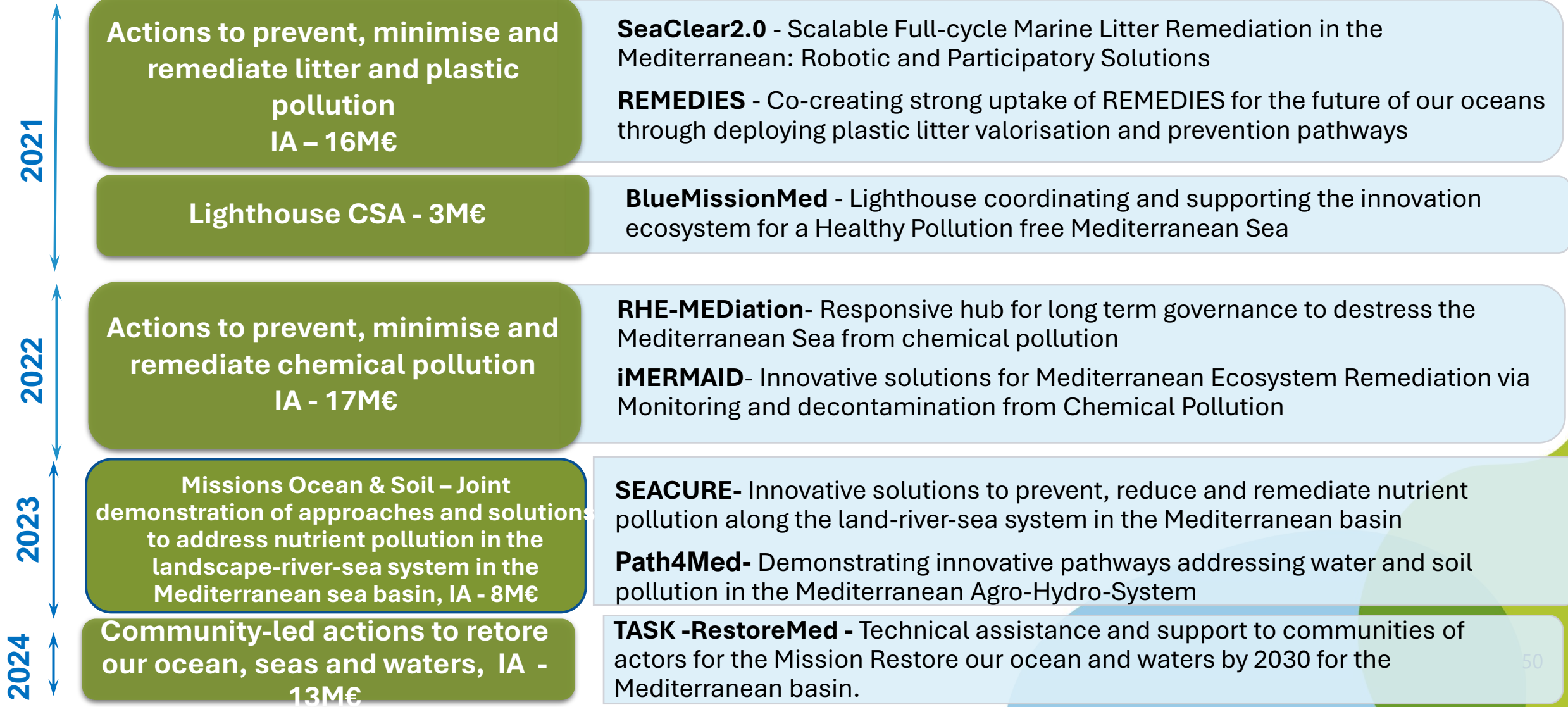
# MISSION PROJECTS PORTFOLIO

## 2021-2024

### Mediterranean and Pollution



# Mediterranean lighthouse - projects 2021-24





# Pollution – other projects

## Cross basins, rivers

### Objective 2

#### RIVERS

Prevent and eliminate litter, plastics and microplastics: Innovative solutions for waste-free European rivers, IA – 10M€

**UPSTREAM-** Circular and Bio-Based Solutions for the Ultimate Prevention of Plastics in Rivers Integrated with Elimination And Monitoring Technologies

**INSPIRE-** Innovative Solutions for Plastic Free European Rivers

Marine litter and pollution – Smart and low environmental impact fishing gears, IA - 10M€

**SEARCULAR-** Circular solutions for fishing gears

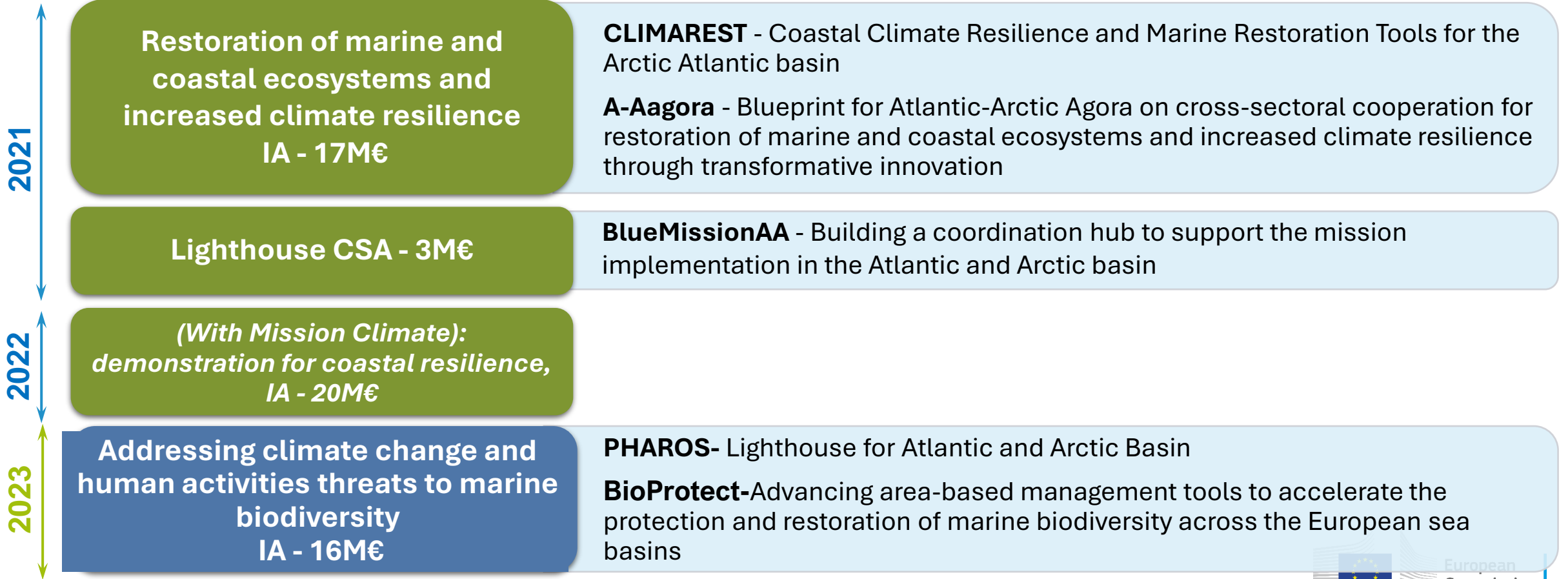
**NETTAGPlus-** Preventing, avoiding and mitigating environmental impacts of fishing gears and associated marine litter

2022

2022

# Obj 1: RESTORATION

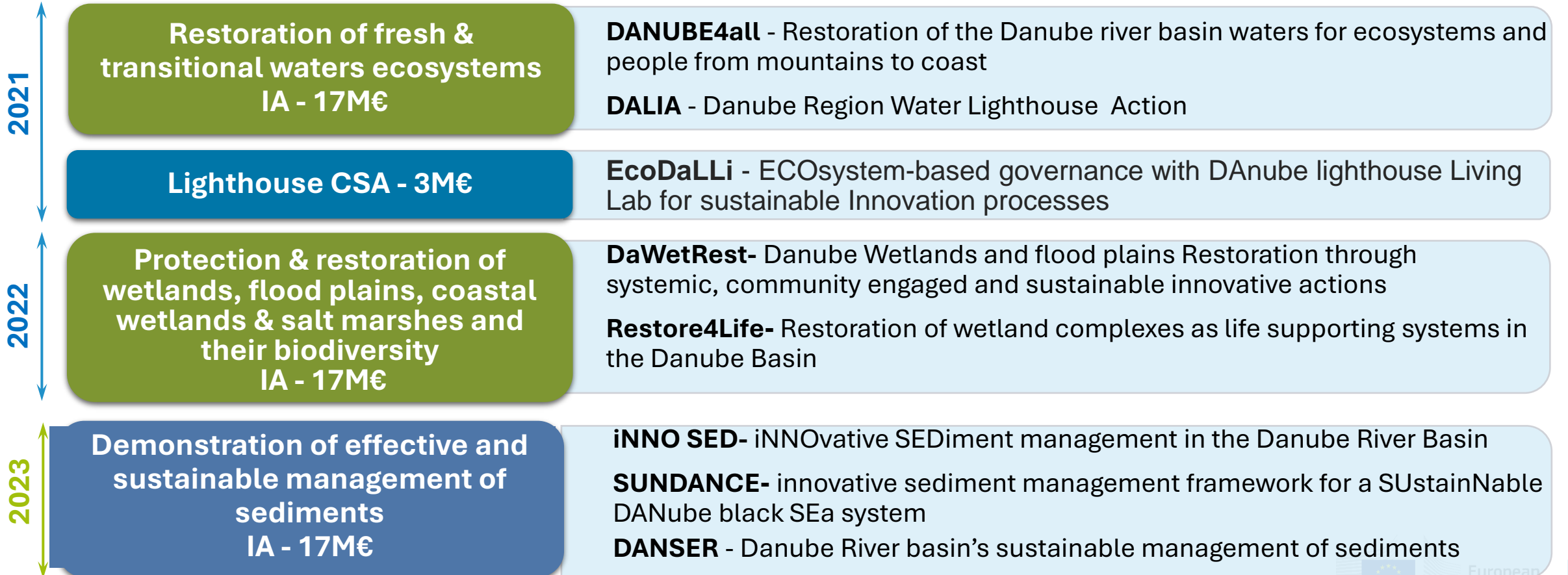
## Atlantic and Arctic lighthouse Portfolio of projects



# Obj 1: RESTORATION



## Danube lighthouse Portfolio of projects



# Obj 1: RESTORATION

## European Blue Parks Portfolio of projects



2021

**European Blue Parks**  
IA - 17M€

**CITIZENOCLEAN** - Marine forest coastal restoration: an underwater gardening socio-ecological plan

**BLUE4ALL** - Blueprint demonstration for co-created effective, efficient and resilient networks of MPAs

2022

**European blue parks:  
Protection and restoration  
solutions for degraded coastal  
and marine habitats**  
IA - 17M€

**PROTECT BALTIC**- Enabling comprehensive effective and efficient protection and restoration measures for a resilient Baltic Sea ecosystem

**EFFECTIVE**- Enhancing social well-being and economic prosperity by reinforcing the eFFECTIVENess of protection and restoration management in Mediterranean MPAs

2023

**European blue parks: Protection  
and restoration of marine  
habitats**  
IA - 8.8 M€

**BLUE CONNECT**- Strict protection, restoration and co-management of Marine Protected Areas to ensure effective ecosystem conservation and improved connectivity of Blue Corridors

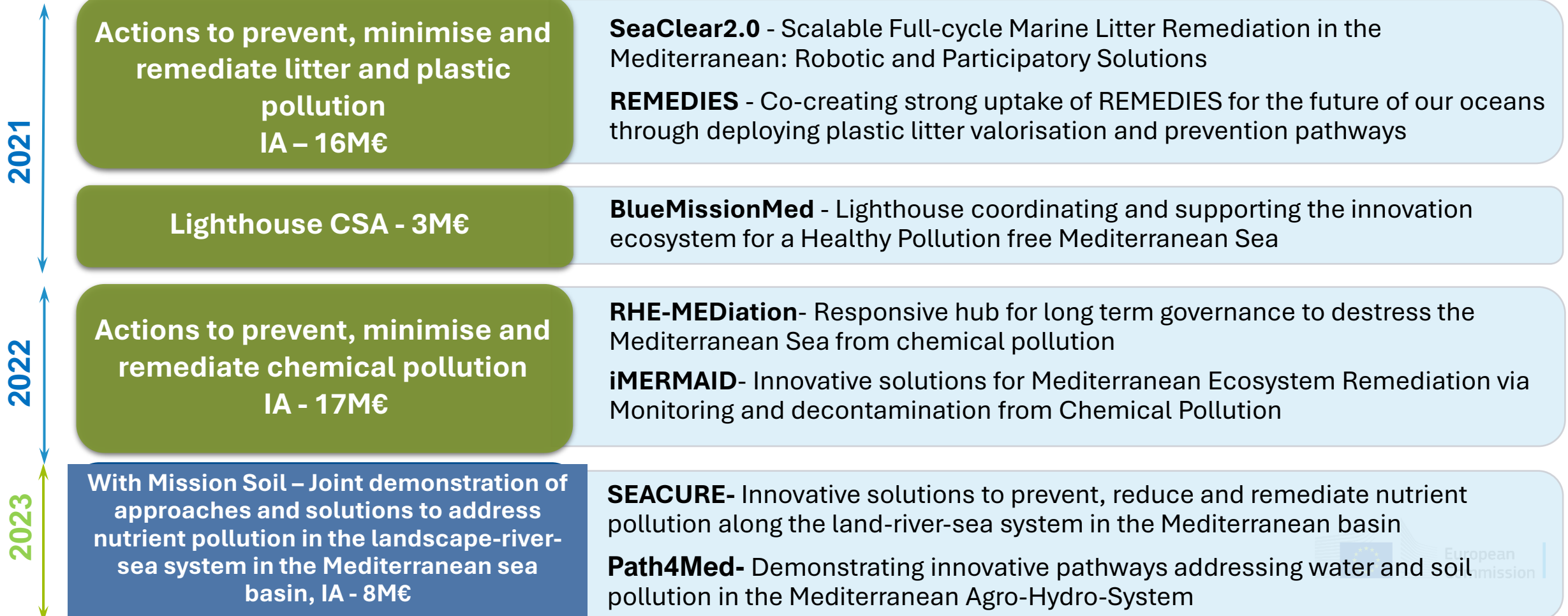


# Objective 2: POLLUTION



## Mediterranean lighthouse

### Portfolio of projects



# Cross-basin topics

2021

Preparation for deployment of lighthouse demonstrators, solution scale ups & citizen & stakeholder involvement, CSA – 5M€

**PREP4BLUE** - Preparing the Research & Innovation Core for Mission Ocean, Seas & Waters

## Objective 1 : RESTORATION

2023

### LAKES

European **natural lakes**: demonstration of integrated approaches to protection and restoration of natural lake ecosystems and their biodiversity, IA - 12M€

**FutureLakes** - Integrating Innovations for the Protection and Restoration of European Lakes

**ProCleanLakes** - Fostering European lakes restoration by nutrient removal, recovery, and reuse: integrated catchment and in-lake scale approach

**FERRO** - Integrated emerging approaches for joint protection and restoration of Natural Lakes in the spirit of European life heritage support (ProCleanLakes)

**EUROLakes** - Integrated protection and Restoration approaches for natUral Lake EcoSytems

2023

Mission Climate adaptation, Mission Ocean and Mission Soil – Joint demonstration of an integrated approach to increasing landscape water retention capacity at regional scale, IA - 15M

**SpongeWorks-** Co-creating and Upscaling Sponge Landscapes by Working with Natural Water Retention and Sustainable Management

# Cross-basin topics

## Objective 2: POLLUTION

### RIVERS

Prevent and eliminate litter, plastics and microplastics: Innovative solutions for waste-free European rivers, IA – 10M€

**UPSTREAM-** Circular and Bio-Based Solutions for the Ultimate Prevention of Plastics in Rivers Integrated with Elimination And Monitoring Technologies

**INSPIRE-** Innovative Solutions for Plastic Free European Rivers

Marine litter and pollution – Smart and low environmental impact fishing gears, IA - 10M€

**SEARCULAR-** Circular solutions for fishing gears

**NETTAGPlus-** Preventing, avoiding and mitigating environmental impacts of fishing gears and associated marine litter

## Objective 3

Nature-inclusive concept design and practices for offshore renewables, RIA – 4.5 M€

**Sun-Bio-** Sustainable and nature inclusive offshore energy with the parallel biodiversity flourishing, protection and monitoring

**NiD4OCEAN-** Nature-inclusive Designs For Reconciling Offshore Renewables With Ocean Protection

Analysis of the obstacles and opportunities for repurposing aged/unused offshore infrastructures, RIA – 1.4 M€

no proposal above threshold



# NEW Mission CALLS 2025



The EU is investing over  
**€7.3 BILLION**  
through the Horizon Europe  
work programme 2025  
to make Europe more  
**prosperous and competitive.**

HORIZON  
**EUROPE**



# CALL 2025 – deadline 24 Sept 2025

## Blue Parks

Towards a coherent European network of strictly protected areas for restoring healthy and productive marine ecosystem

## Obj 2 : Pollution

A toolbox for public authorities to address marine plastics and litter from river-to-ocean  
IA, 22 M€

## Obj 3 : Blue Economy

Digital technologies and energy transition in fisheries and/or aquaculture  
IA – 23.3 M€

## Objectives 1 + 2 + 3

Restoring Ocean & Waters in:

- Regions (IA, 15 M€)
- Waterfront Cities and their Ports (IA, 15 M€)
- Islands (IA, 13.5 M€)

Mission Lighthouses coordination and support activities

CSA, 14.2 M€, 1 per each lighthouse

# PARTNERSHIPS

- public-public

  - Sustainable Blue Economy

  - Water4 all

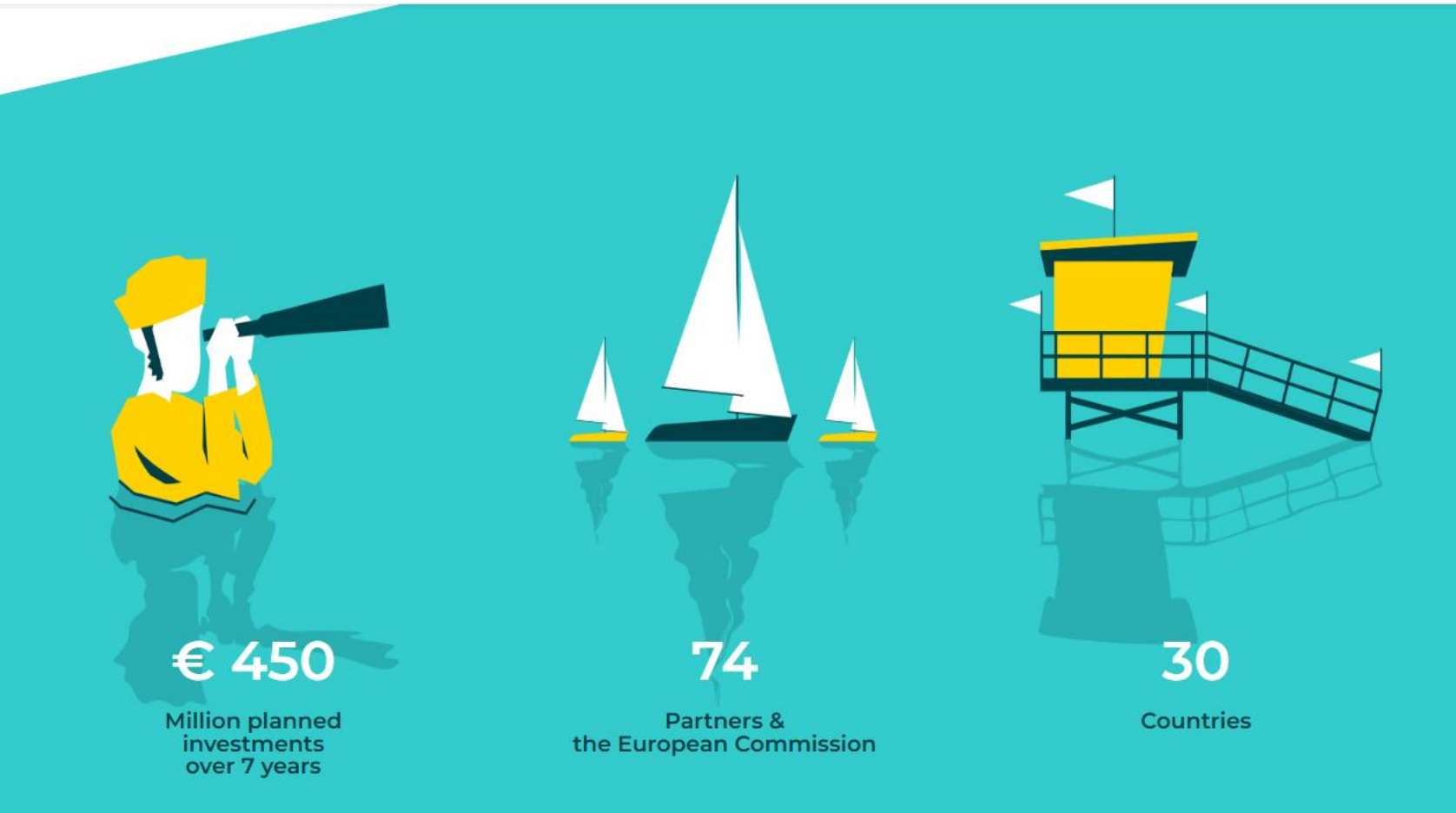
  - PRIMA

- public-private

  - Circular Bio-based Europe Joint Undertaking



# Sustainable Blue Economy Partnership



 Sustainable Blue Economy Partnership

Sustainable Blue Economy Partnership

Strategic Research and Innovation Agenda 2024





 Co-funded by the European Union





# Five impact-oriented Intervention Areas (2025)



Digital Twins of the Ocean



Transitioning blue  
economy sectors



Resilient **coastal  
communities** and  
**businesses**



Blue Bioresources



Managing sea-uses



# Joint Calls

- 19 projects cofunded under the first Joint Call (2023), of which **12** on Priority Area 3 - **Climate-neutral**, environmentally sustainable and resource-efficient blue food and feed (<https://bluepartnership.eu/projects>)
- 24 projects cofunded under the second Joint Call (2024) just announced (<https://bluepartnership.eu/news/24-projects-recommended-funding-second-call-towards-sustainable-ocean-economy>)
- 4 additional **Joint Calls** to be launched **each year in September** from 2025 to 2028



# Additional Activities



Alignment of  
Thematic  
Annual  
Programming



Alignment of  
Monitoring  
Programmes



Sharing of Research  
Infrastructures



Design of an  
European Ocean  
Observing System  
Knowledge Hub



Portfolios of Projects



# 1<sup>st</sup> Call - 2nd Call – Results

**33 PROJECTS  
in 2023-4**

Representation of  
sea basins in the  
proposals

Atlantic ocean  
13 + 18  
31 proposals

North sea  
13 + 16  
29 proposals

Baltic sea  
11 + 11  
22 proposals

## MEDITERRANEAN NODE

Mediterranean  
sea  
12 + 19  
31 proposals

Black sea  
2 + 5  
7 proposals

# Water for all Partnership



## STRATEGIC ORIENTATIONS



Water Security for the Planet



**Start: June 2022**

## Partners



## Budget

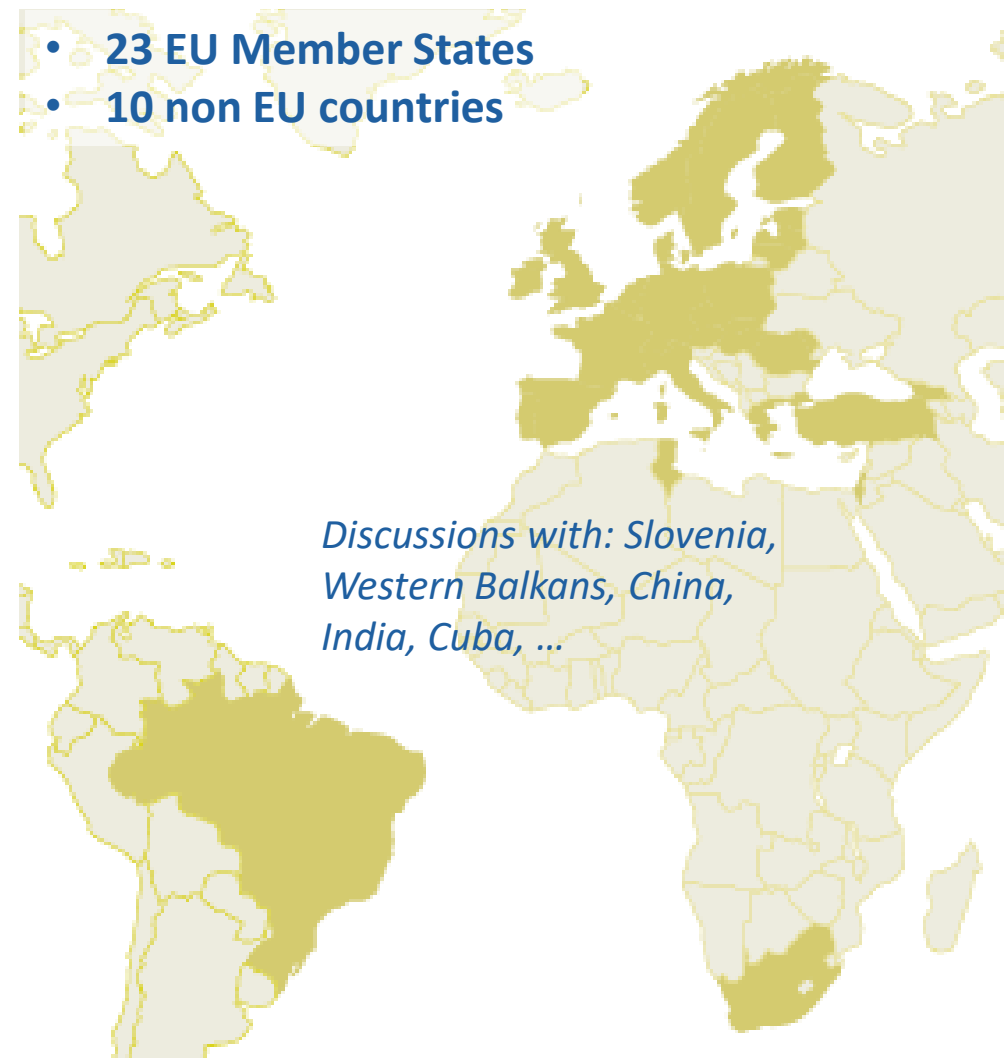
Phase 1: 86M€, 26M€ from the EC

Phase 2 : from June 2024: 103 M€, 31M€ from the EC

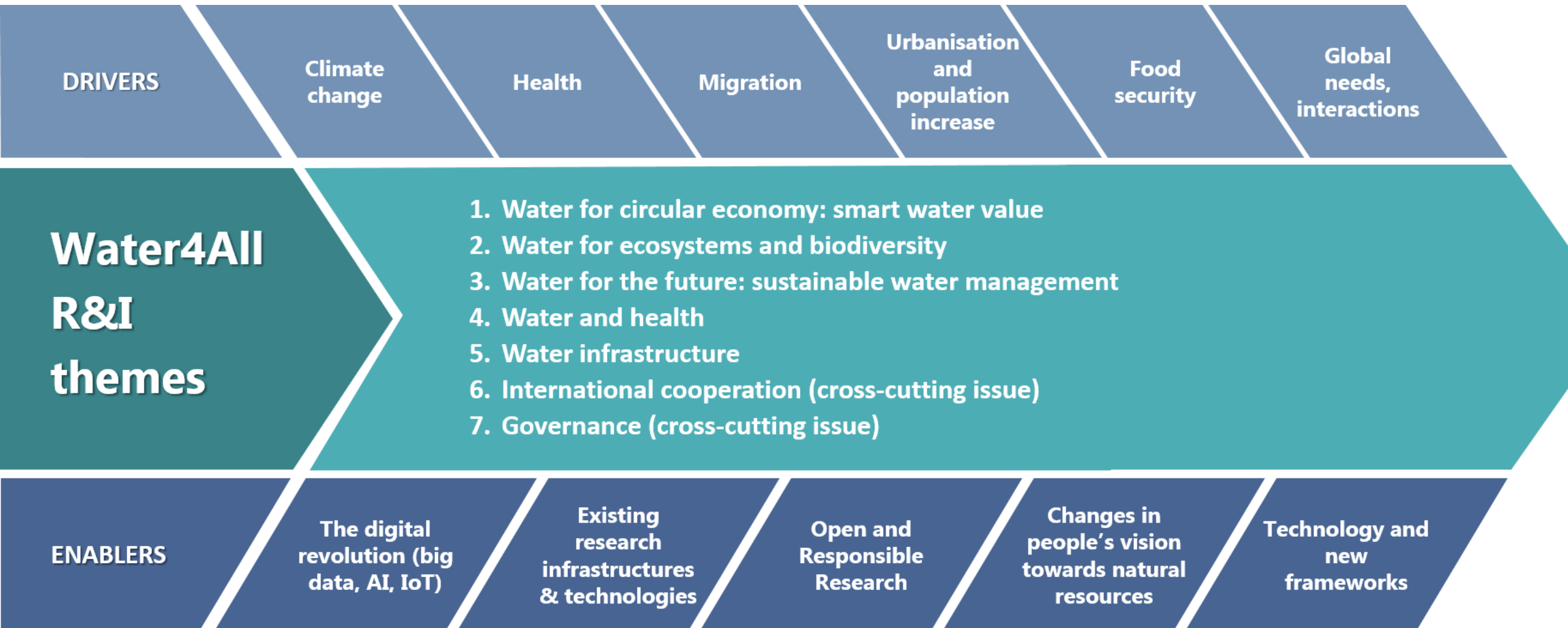
For the decade : **420 M€** expected (130 M€ from EU)

## 33 countries

- 23 EU Member States
- 10 non EU countries



# R&I themes, drivers and enablers



# Water4All implementation aspects

- 6 joint transnational calls foreseen (2022-2027)
- 1st call **2022** on **resilience, adaptation and mitigation to hydroclimatic extreme events**
  - 27 projects awarded for EUR 27 million (booklet of the project [here](#))
- 2<sup>nd</sup> call **2023** on **aquatic ecosystems, ecosystems services and water management**
- 3<sup>rd</sup> JTC on Circular Economy and 4<sup>th</sup> on Health to be designed

# Partnership for Research and Innovation in the Mediterranean Area (2018 - 2027)



## 349M€

Total Budget  
allocated



### Water management



### Farming Systems



### Agri-food value chain



### WEFE Nexus

Water, Energy, Food and  
Ecosystems (WEFE) Nexus

# Public-Private Partnership



**Circular  
Bio-based  
Europe**  
Joint Undertaking

The **Circular Bio-based Europe Joint Undertaking (CBE JU)** is a €2 billion partnership between the [European Union](#) and the [Bio-based Industries Consortium \(BIC\)](#) that funds projects advancing competitive circular bio-based industries in Europe.

## Objectives

The main goals of the European partnership are:

- Accelerate the **innovation process** and development of bio-based innovative solutions
- Accelerate **market deployment** of the existing mature and innovative bio-based solutions
- Ensure a high level of **environmental performance** of bio-based industrial systems

[The organisation | Circular Bio-based Europe Joint Undertaking \(CBE JU\)](#)



European Union





EUROPEAN UNION



# Thank you!

**#MissionOcean**

**#EUmissions**

**#HorizonEU**

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