

# EU Coastal Use Cases Workshop

September 16, 2024

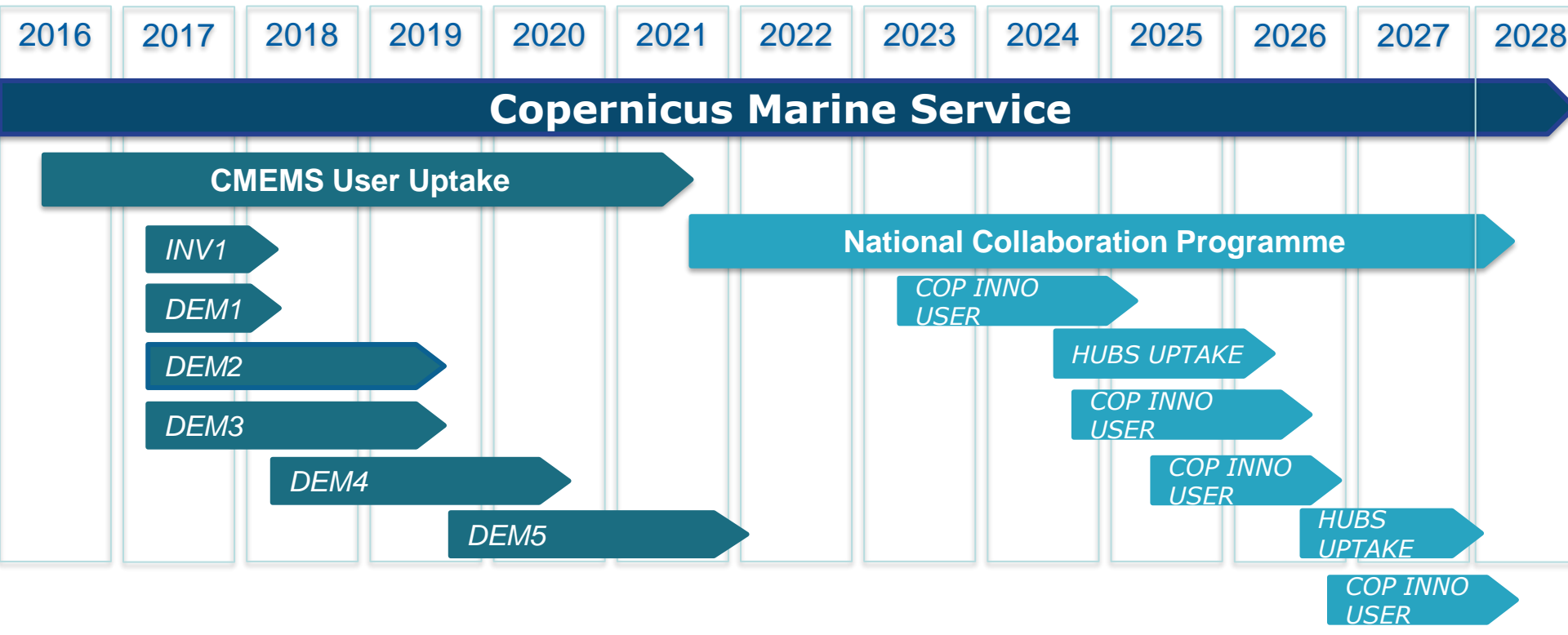


## 22050-COP-INNO USER: EU COASTAL MONITORING PILOT DEMONSTRATIONS

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Mercator Ocean International







A way to show the value added chain till the end-users

↳ 5-year programme with € 1 M/year  
6 calls for tender - 122 bids received - **40 contracts selected**

Concrete **demonstrations**

Innovative **consortia**

- All **geographical regions** covered
- 46 different **organisations** involved from 18 countries

The developed use cases are relevant examples of the use of Copernicus Marine data in various sectors of the blue economy and are inspiring examples for new users.



## 20 EU Member and Contributing States are now represented at the Marine Forum

Austria  
Belgium  
Bulgaria  
Croatia  
Cyprus  
Czech Republic  
Denmark  
Estonia  
Finland  
France  
Germany  
Greece  
Hungary  
Ireland  
Italy  
Latvia  
Lithuania  
Luxembourg  
Malta  
Netherlands  
Poland  
Portugal  
Romania  
Slovakia  
Slovenia  
Spain  
Sweden

Members of the Marine Forum



### Objectives:

- Foster deeper interactions with Member and Contributing States (MS) in the marine domain.
- Contribute to a better integration of the Copernicus Marine Service with MS expectations and assets.
- Co-design and implement actions with MS in the coastal marine areas.

### Expected outcomes:

- Co-design and implement the next Copernicus Coastal Marine Service
- Co-design and implement actions with Copernicus MS for marine policies
- Help to improve propositions to the Copernicus User Forum and Space Programme Committee.

Iceland  
Norway  
United Kingdom

## Strengthening European Marine Monitoring: From Ocean to Coast

### Main Objectives

- **Reinforce** collaboration with **national marine COASTAL** monitoring activities
- Support EU Member and Collaborating States with the implementation of EU Environmental Policies and Directives
- **Support transnational collaboration** for COASTAL monitoring activities

### Key points

- Strengthen cooperation with core users at the national level across the EU
- Facilitating a more comprehensive European marine monitoring service
- Enhance marine monitoring from the open ocean to coastal areas, addressing both large-scale dynamics and local issues
- Supporting innovative coastal solutions through development of innovative downstream use cases aligned with EU Environmental Directives.
- Future focus: Capacity building and Digital Twin Ocean synergies

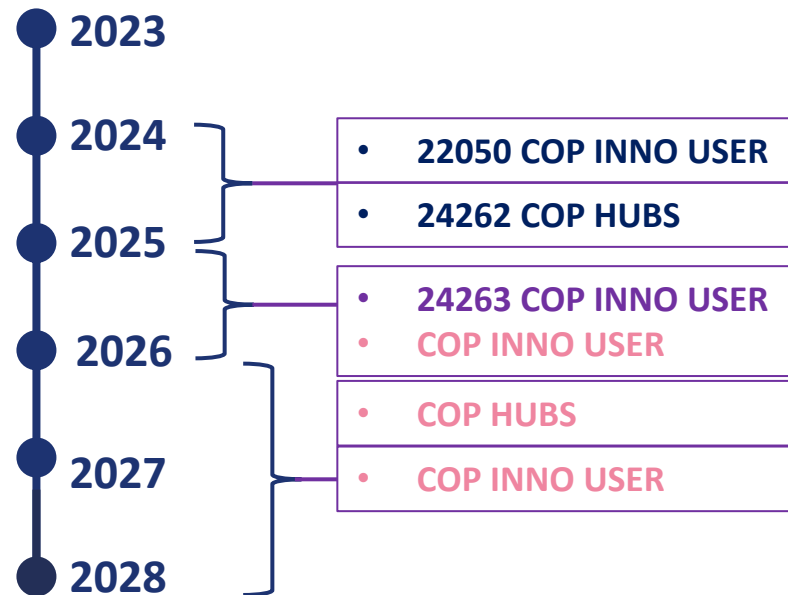
**1#: Continue supporting national activities for marine coastal monitoring activities**

**2#: Support transnational collaboration for marine coastal monitoring activities**



**CLOSING  
18/9/2024**

## Call for tenders

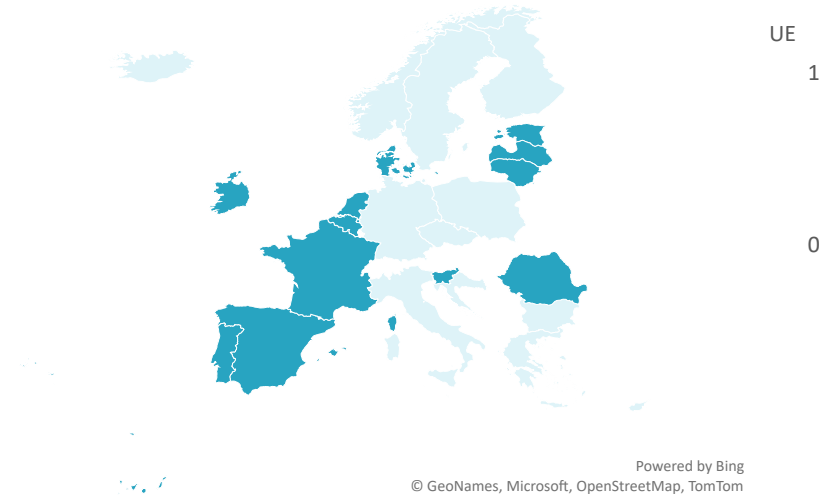


15 Projects **SELECTED**



- Romania
- Latvia
- Estonia
- Lithuania
- France
- Slovenia
- Ireland
- Portugal
- Denmark
- Spain
- The Netherlands
- Belgium

22050-COP-INNO USER winners vs. Member States



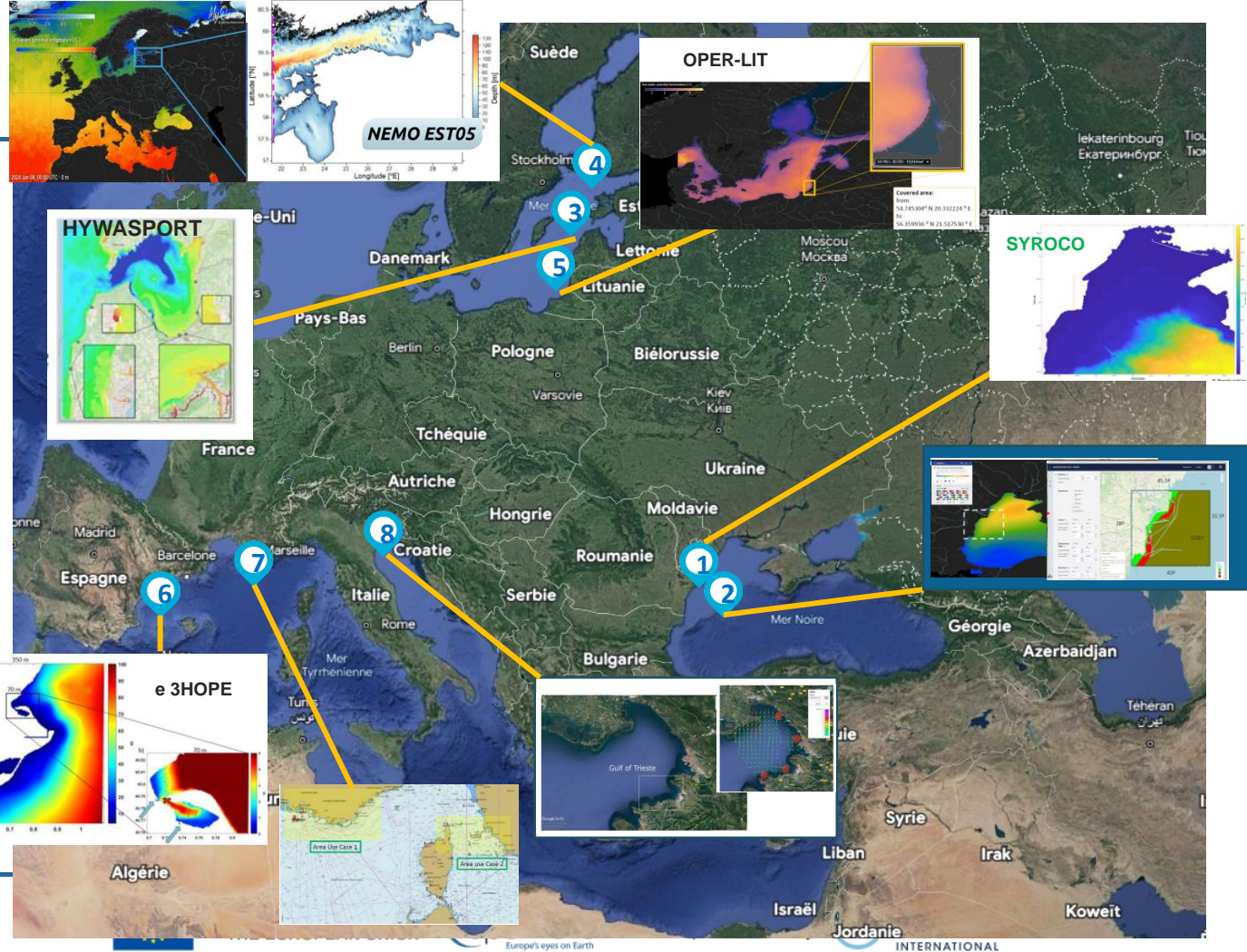
5<sup>th</sup> July 2023 – 5<sup>th</sup> Jan 2025



Copernicus  
Marine Service

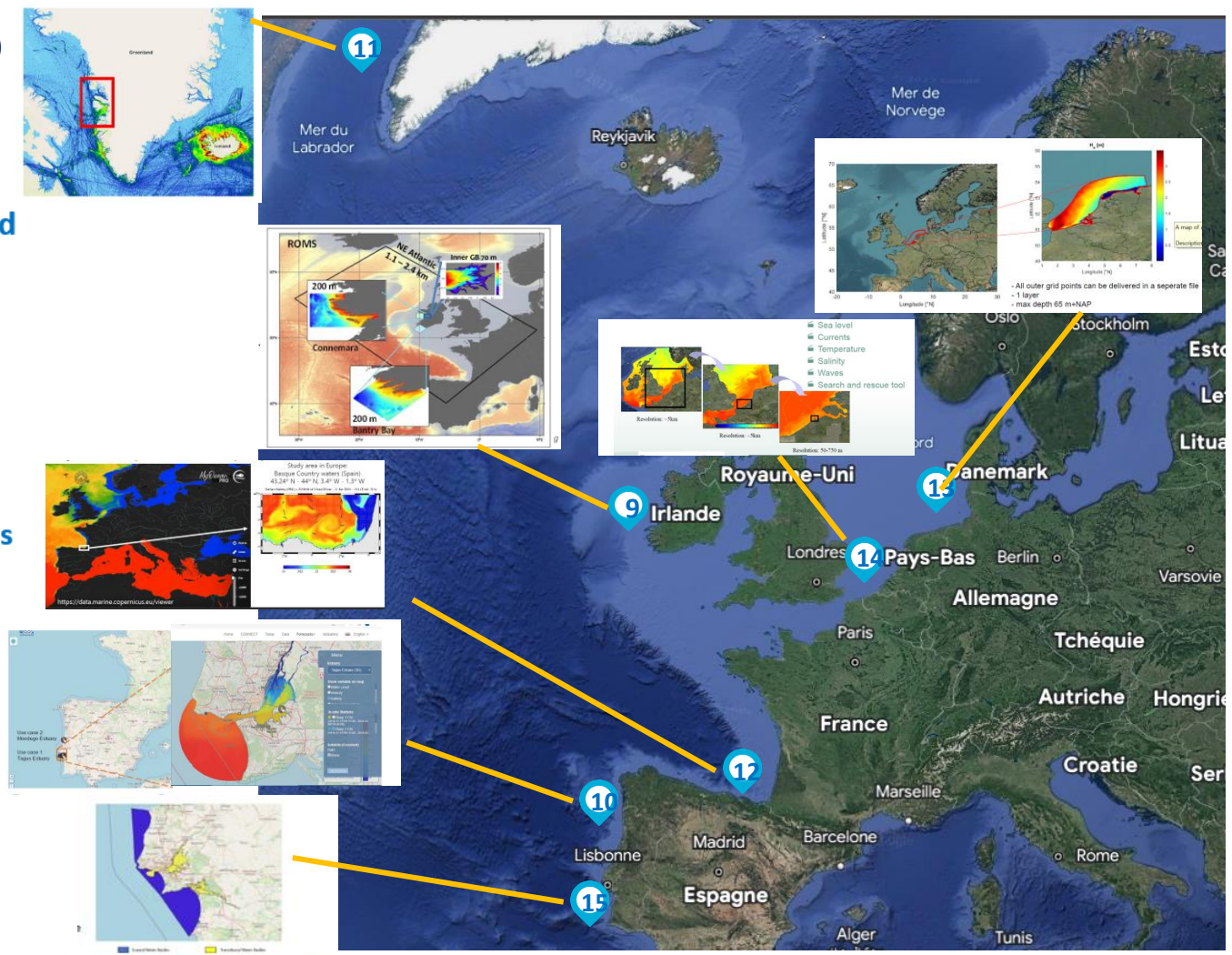
# 22050-COP-INNO USER Models

- 1 SC JAILOO, Romania
- 2 NIMRD, Romania
- 3 SIA, Latvia
- 4 TalTech, Estonia
- 5 Klapeida, Lithuania
- 6 Nologin, Spain
- 7 Quiet Oceans, France
- 8 National Institute of Biology, Slovenia



# 22050-COP-INNO USER Models

- 9 Marine Institute, Ireland
- 10 LNEC, Portugal
- 11 DMI (DIO), Denmark
- 12 AZTI, Spain
- 13 Deltares, the Netherlands
- 14 RBINS, Belgium
- 15 IPMA, Portugal





# 22050-COP-INNO USER: EU COASTAL MONITORING PILOT DEMONSTRATIONS

30 Use cases

## National Collaboration Programme

Home > Services > User Engagement

**User Engagement**

As part of the National Collaboration Programme (NCP), the main goal of Copernicus Marine Service' user engagement is to boost user adoption and satisfaction while unlocking new possibilities for data and product applications, all with the overarching goal of amplifying the impact of the Copernicus Marine Service.

**User Engagement Strategy**

Copernicus Marine User Engagement Call for Tenders have been launched in 2016. This funding programme helps key stakeholders develop services and applications using Copernicus Marine data and information. These applications (i.e. 'use cases') are relevant examples of the use of Copernicus Marine data in various sectors of the blue economy and are inspiring examples for new users. After its initial successful phase (look at the projects of the [first phase](#)), the European Commission endorsed the continuation of the Copernicus Marine User Engagement Program into its next stage.

**National Collaboration Programme**

Under its second phase the Copernicus Marine Service seeks to enhance its interaction and cooperation with core users at the national level to better support marine policy and governance stakeholders in EU Member States and EU Contributing States. This focus takes shape through the National Collaboration Programme that fosters a collaborative environment to facilitate the uptake of Copernicus Marine data and products in user-focused services and applications supporting healthy ocean and sustainable blue economy.

**Copernicus Marine – EU Coastal Monitoring Pilot Demonstrations**

The coastal environment plays a pivotal role for Copernicus users, aligning with EU policies and Environmental Directives due to the immense social, economic, and ecological significance of coastal regions. In line with this, the objective of the first tender is to develop pilot exemplary use cases of marine coastal downscaling monitoring activities that support the implementation of EU Environmental Directives at the national level. Furthermore, it seeks to identify any deficiencies and challenges that need to be overcome in order to establish a comprehensive Copernicus coastal marine monitoring system, encompassing the open ocean to the coast. This call has resulted in the selection of 15 projects for a period of 18-month.

Region:  Country:  Search:

 System of Romanian Coastal Monitoring (SYRMOO) Leader: SC. ANLDO SRL	 SAFEFLISS: Safe navigation in the Western Black Sea Leader: NHOHD	 New Seabed Indicators and Seamounts Port Sea Modelling for Coastal Zone Leader: DA. Thomas and the Copernicus Marine Service (CMSS)	 Estonian Coastal Monitoring and Forecast Service Leader: Tõlpin	 Operational Hydrodynamic Model for the Curonian Lagoon and Southeast Baltic Sea... Leader: Klaipėda University
 The e-SHORE Service: Improving coastal operational forecasting to support... Leader: Nough	 Pilot Demonstration of Coastal Ocean Noise Operational Service to support the EU... Leader: Quier Ocean	 Developing High-Resolution Ocean Noise Operational Service Surface Currents and Marine... Leader: NIO	 Coastal operational service in support of biodiversity in Galway Bay Leader: Marine Institute	 CONNECT: Coastal monitoring service for Portugal Leader: National Laboratory for Civil Engineering (LNEC)
 DNO-Dublin Bay forecast of ice and Ocean Leader: DNO	 EUSeabed Coastal Operational Model Leader: A2TI	 Coastal Operational Service European Atlantic Ocean and the North Sea Leader: Delmas	 Seamless downscaling of CMEMS NWS forecast products to the Belgian coast... Leader: BECO	 Pilot Portuguese coastal operational model for the Digital Twin of the Ocean... Leader: OTC

## Use Cases

Home > Services > Use Cases

Region:  Country:  Markets:   Mobile Application  Demo

Search:

**Surface currents for search and rescue in the SE Bay of Biscay**

**Seamless Forecasting for Latvian Seaports, Bridging the Gap Between Inner Ports and Open Seas**

**Surface currents forecast in support to safer maritime traffic in the Gulf of Trieste**

**Meteocean analysis to support Maritime Spatial Planning in the western Black Sea Basin**

**Monitoring coastal waters of the Lisbon Area (Portugal) in support to EU directive implementation**

**Coastal Ocean Noise Service in support to the impact assessment of Offshore Windfarms in the Mediterranean Sea**

**Background and operational information for gas terminals and marine pipelines**

**Mapping distribution of suitable habitat for oysters in Galway Bay**

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THE EUROPEAN UNION

 Copernicus  
Europe's eyes on Earth

 Copernicus  
Marine Service

Implemented by  **MERCATOR  
OCEAN**  
INTERNATIONAL

## EU Coastal Use Cases Workshop

**Copernicus Marine National  
Collaboration Programme**

September, 16th | 10am - 3.30pm CEST  
*Online event*



# EU Coastal Use Cases Workshop

September 16, 2024



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# EU Coastal Use Cases Workshop

September 16, 2024



Back at  
12.10 pm



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# EU Coastal Use Cases Workshop

September 16, 2024



Back at 2:20 pm CEST



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# EU Coastal Use Cases Workshop

September 16, 2024



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