



# EuroGOOS

European Global Ocean  
Observing System

Webinar

12 March 2026 | 14:00-15:30 CET

# Ocean Observers Webinars Integration of Coastal Ocean Observations along Europe

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JERICO - Ifremer

eosc | Blue-Cloud2026





# Marine Coastal Observatories, Facilities, Expertise and Data for Europe

## A one-stop shop for coastal science

**25**

Countries

**54**

Institutions

**1300+**

People  
40% Women

**600+**

Platforms

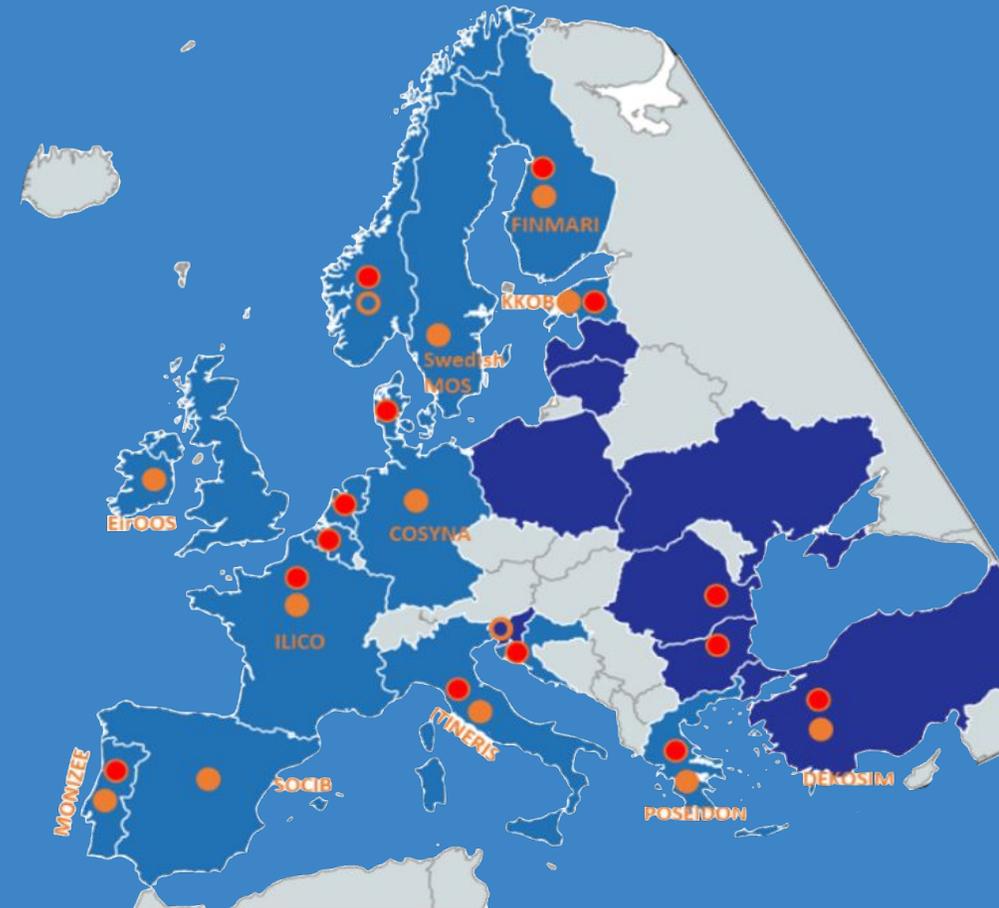
**30+**

Variables



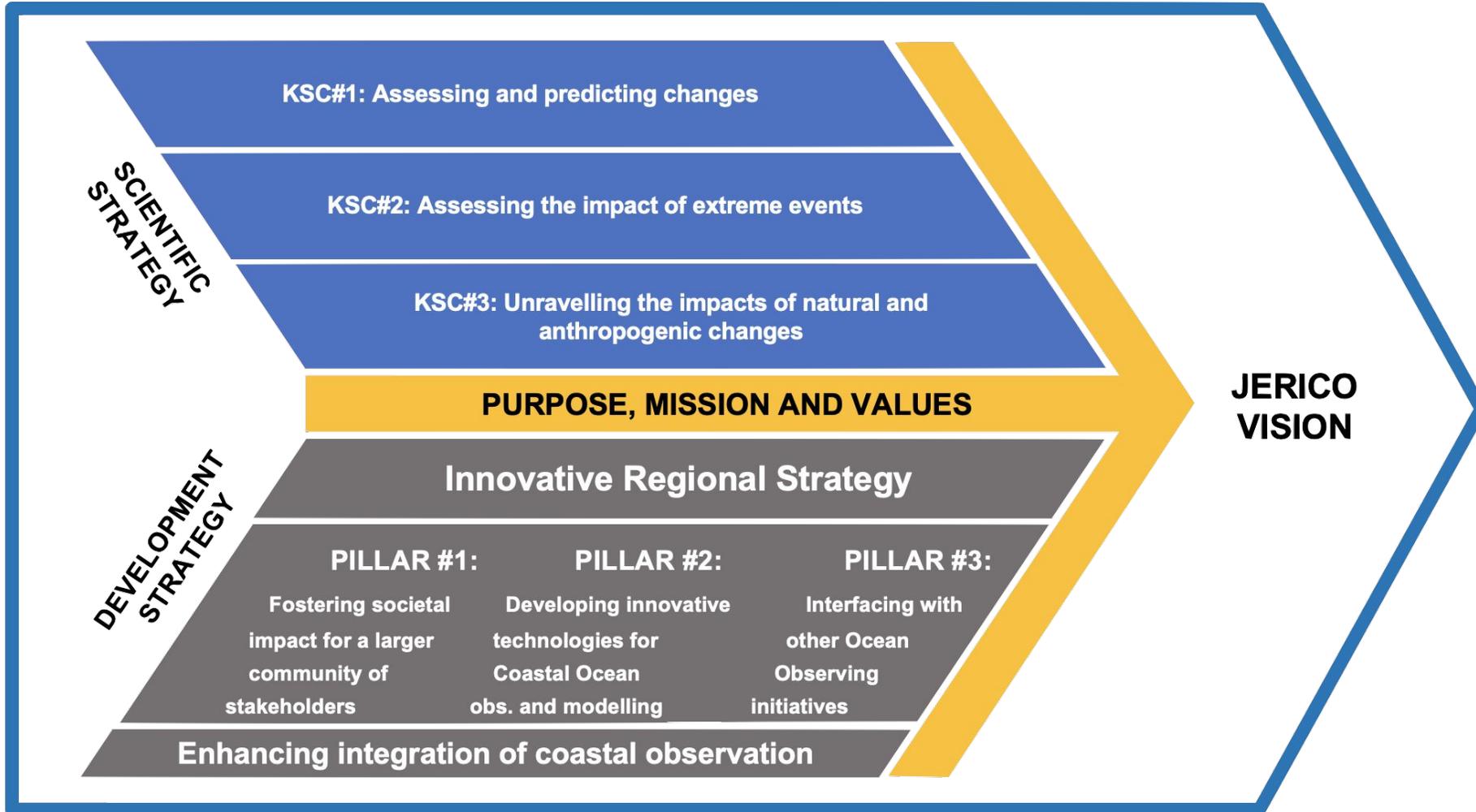
# Marine Coastal Observatories, Facilities, Expertise and Data for Europe

- JERICO: an integrated, **pan-European, multidisciplinary and multi-platform** research infrastructure dedicated to the holistic assessment of changes in **coastal marine systems**
- JERICO connects existing **continental, atmospheric and oceanic** research infrastructures, filling a key gap in the ESFRI landscape (Hydrosphere and Biosphere).
- It provides the necessary framework for **observing, analysing, understanding, simulating and forecasting** coastal marine systems.
- JERICO provides **open access** to facilities, resources, **harmonised and FAIR data**, and **innovative and tailored services**, while promoting international **scientific collaboration**.





# JERICO: A Strategy Linking Science to Societal Impacts



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# A holistic Scientific Strategy

## 3 Key Scientific Challenges



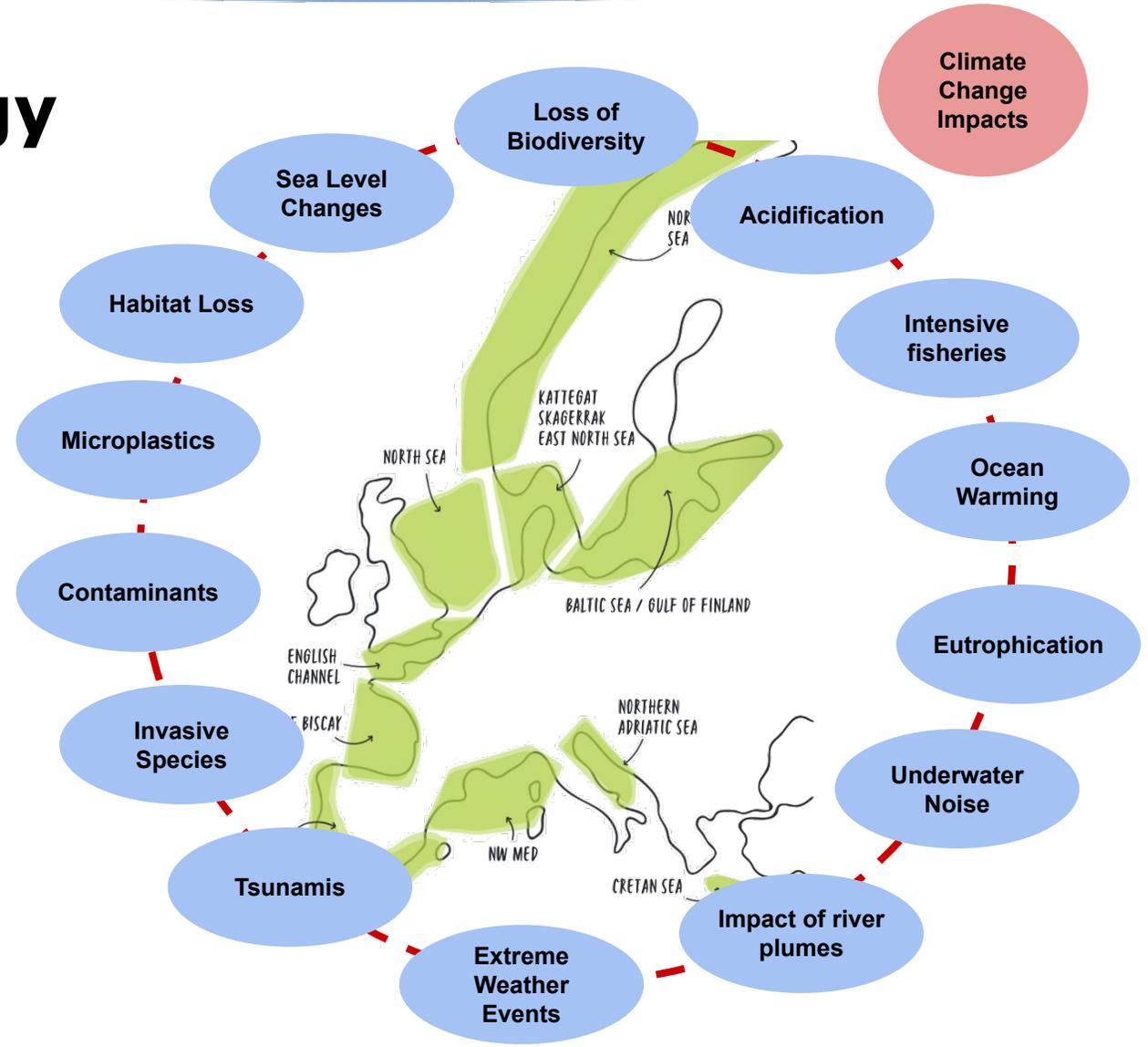
KSC#1: Assessing and predicting changes

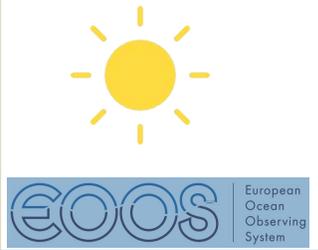


KSC#2: Assessing the impact of extreme events

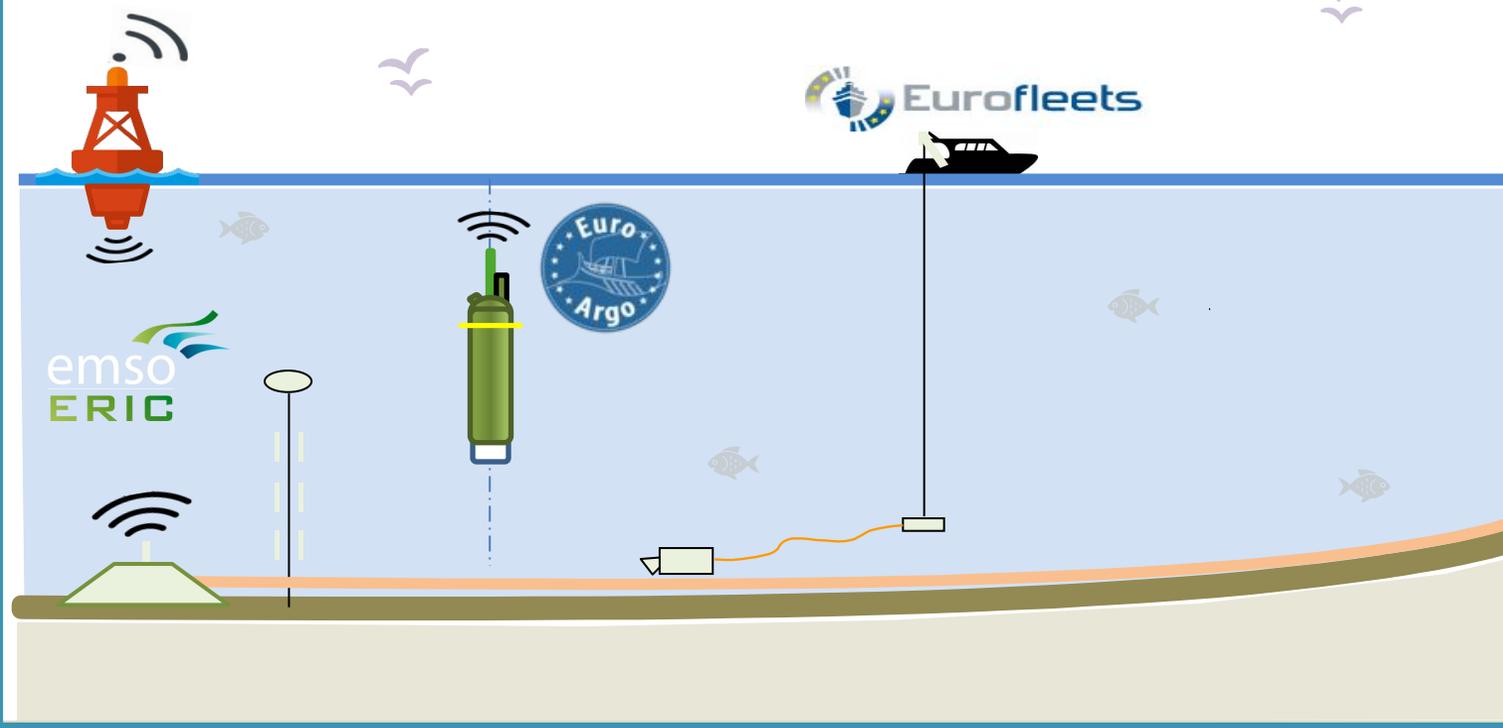


KSC#3: Unravelling the impacts of natural and anthropogenic drivers of climate change





# Coastal and shelf-seas at the interface between land and open-ocean



DANUBIUS-RI
EMBRC EUROPEAN MARINE BIOLOGICAL RESOURCE CENTRE
Marine Data lake (EDITO)
Marine Core Services (CMEMS)
SEADATANET
EMODNET (DG MARE)
EOSC/Blue Cloud

## JERICO, a one-stop shop for coastal science

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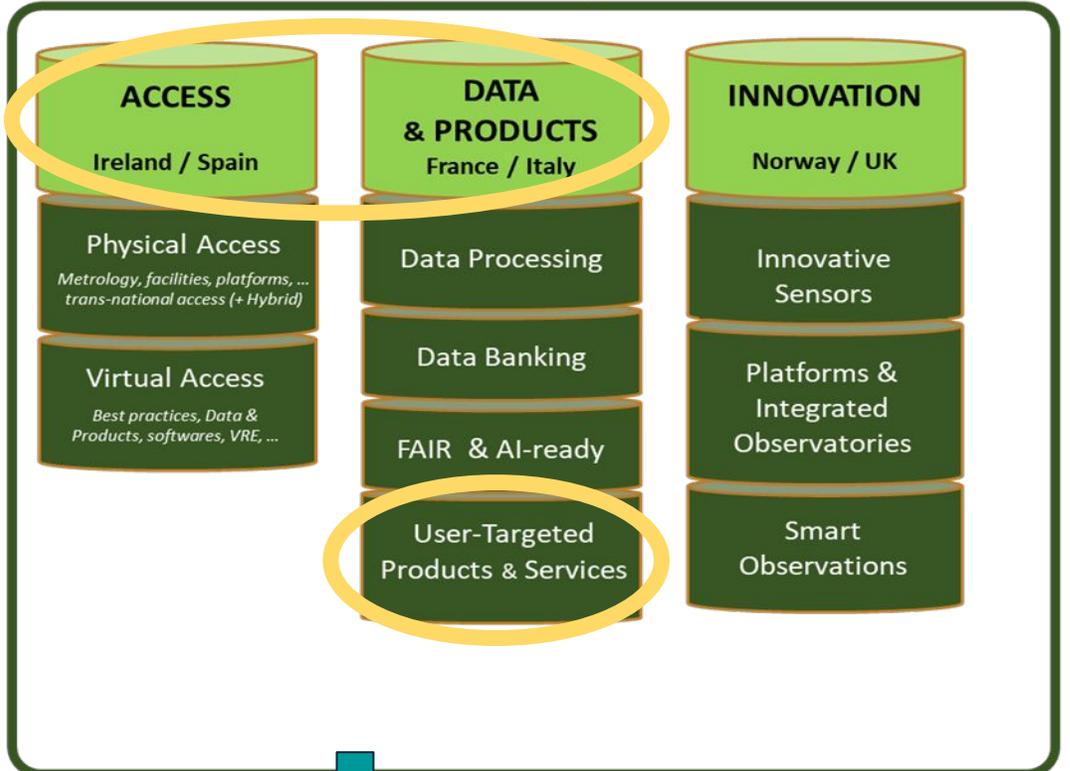


### Implementation of the **SCIENCE STRATEGY**



Optimising observations (eg. OSSE) and design new observation strategy

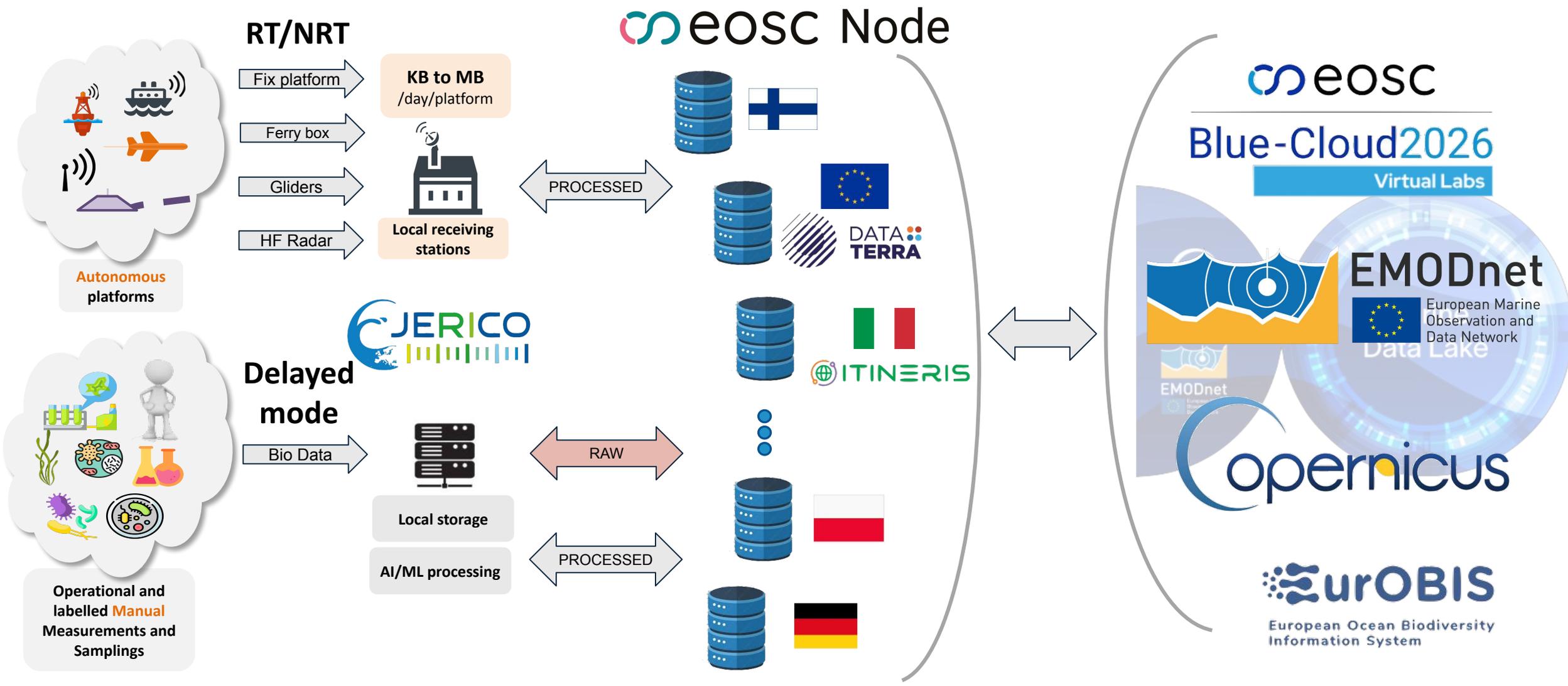
### **SERVICES** to partnership and external users



New products for the users require combining in situ and Earth observations to improve spatial coverage and produce more robust mapping and statistics

Expertise of JERICO in EO and modelling communities will be incorporated at different levels

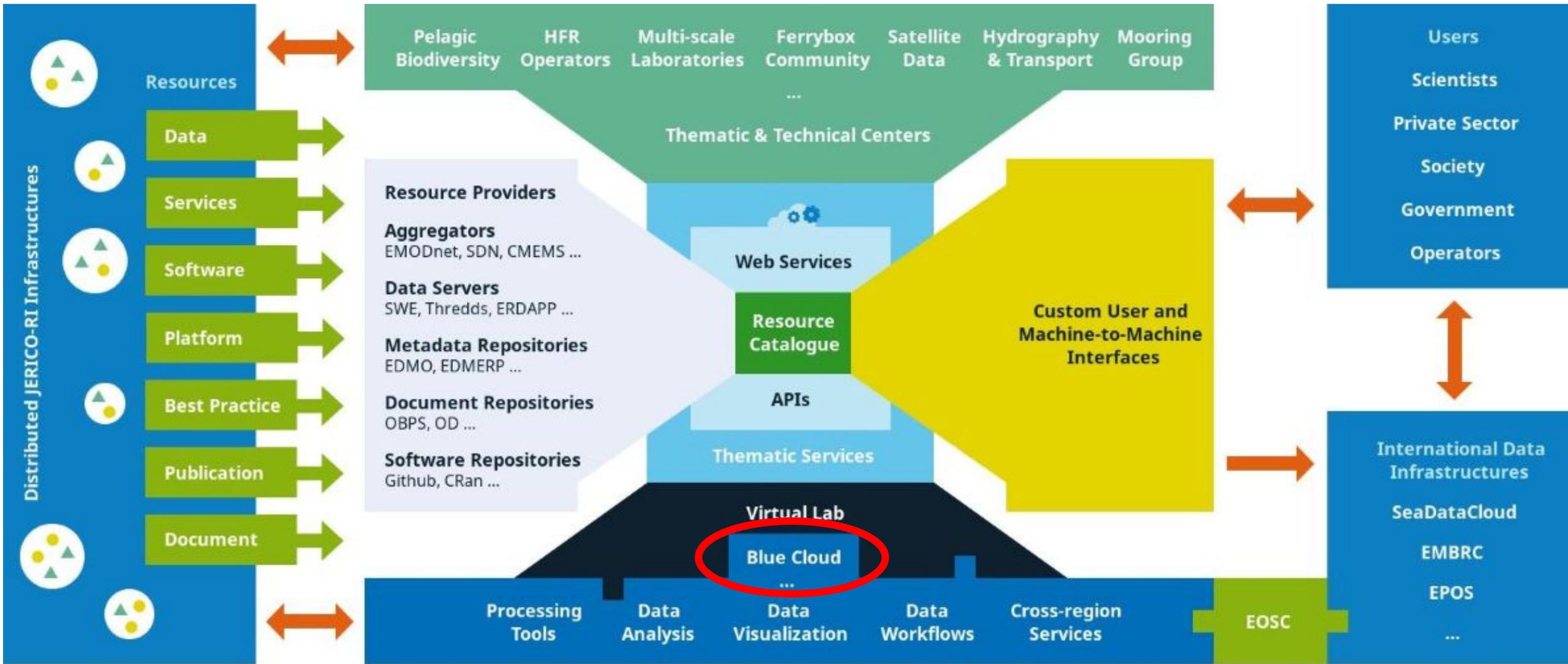




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**A one-stop shop for coastal science**

**Thank you**



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