EOOS Strategy and Roadmap for Implementation
2023-2027

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Outline

• Landscape and needs

• Strategy 2018-2022

• Strategy 2023-2027 – Vision, Mission, Objectives

• Roadmap for Implementation
Landscape and needs

National level
- Environmental Agencies
- Research Institutes
- Universities
- Local environment centres
- NGOs
- Private sector
- Citizens

Trigger
- National priorities
- European Policies
- Research interests
- Private sector needs
- International commitments

Information/Assessment
- Public
- Private
- Academia
- Local Governments
- Decisionmakers

EOOS Strategy 2023-2027 launch
Landscape and needs

EOOS Strategy 2023-2027 launch
Landscape and needs

EOOS European Ocean Observing System

Partnerships, cooperation and coordination for improved observations

- Share technology
- Fit for purpose system
- Efficient use of resources
- Data sharing

Multi-disciplinary data gathering and observations
International, European and national scales

Data standardisation, harmonisation and aggregation

Data management and FAIR data services

Ocean information and knowledge

Dissertation of information services and products

Syntheses, modelling and predictions

Value for society

Requirements setting

Numerous projects and regional EOV-based networks

EOOS Strategy 2023-2027 launch
Strategy 2018-2022

How can we achieve sustainable ocean observing in Europe?

- Share technology
- Fit for purpose
- Efficient use of resources
- Share data

A shared framework for a shared understanding

SHARED VISION & STRATEGY
FOR THE EUROPEAN OCEAN OBSERVING SYSTEM (EOOS)

CO-CREATION TO MEET USER NEEDS

Perfect place to communicate needs

Share knowledge, expertise and scan horizon

We are stronger together
Engage in building EOOS
Contact us: info@eoos-ocean.eu
EOOS Strategy 2018-2022

Building a European Ocean Observing System

Future Science Brief

Strengthening Europe’s Capability in Biological Ocean Observations

CMEMS requirements for the evolution of the Copernicus In Situ Component

EOOS Strategy 2023-2027 launch
Strategy 2018-2022

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Strategy 2018-2022

FRAMEWORK FOR EUROPEAN OCEAN OBSERVING

Ocean observing implementers
Ocean observing funders
Stakeholders

EOOS Strategy 2023-2027 launch
Strategy 2023-2027

Advancing EOOS - the foundation of European ocean knowledge

Co-designing EOOS

EOOS Strategy 2023-2027 launch
EOOS is the infrastructure, platforms, sensors and people that gather essential data and information about Europe’s ocean, seas and coastal waters

Vision:
A European Ocean Observing System that is sustained and meets the specific needs of users

Mission:
To coordinate and integrate European communities and organisations operating, supporting and maintaining ocean observing infrastructures and activities, fostering collaboration and innovation
Strategy 2023-2027
Objectives

Unite the European ocean observing community through the EOOS Framework, to collaboratively design and work towards a sustained multi-platform, multi-network and multi-thematic EOOS that meets the specific needs of users.

Engage with European providers of services and products derived from ocean observations to improve collaboration across the marine knowledge value chain.

Advise governance, funding and policymaking to implement recommendations towards a sustained EOOS.

EOOS Strategy 2023-2027 launch
Strategy 2023-2027
Roadmap for Implementation

Co-designing EOOS in collaboration with stakeholders

- Understanding user and stakeholder needs and priorities
- Advancing the transition to a well-connected, coordinated ocean observing system
- Promoting best practices and open data sharing

- Improving the visibility of ocean observing activities
- Communicating the value of ocean observing
- Fostering innovation in ocean observing

EOOS Strategy 2023-2027 launch
Strategy 2023-2027
Roadmap for Implementation

EOOS 2018-2022

2023

EOOS 2018-2022

2024

EOOS Tech Forum

Promote collaboration with projects and initiatives

2025

EOOS Design

EOOS Implementation

2026

EOOS 2018-2022

Gap analysis

Status Monitoring Platform

Value of Ocean Observing

Planning Platform

EOOS Institutional capacity

EOOS Tech Forum

Align Priorities & Mobilise Resources

Communication

Communication

Communication

Communication

2027

 Designed ocean observing system for Europe

2028-2032

EOOS Strategy 2023-2027 launch
Towards EOOS Implementation!

“Individually we are one drop but together, we are an ocean.”
Ryunosuke Satoro