

EuroSea

Highlighting the effort of EuroSea in designing and getting underway a European Ocean Observing System (EOOS)

2nd EuroSea/OceanPredict Workshop

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This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 862626.

EuroSea in figures

12 Languages



144

Members

94



48



16 Countries

53 Partners



10 Work Packages



>> 31 Milestones >> 62 Tasks >> 84 Deliverables

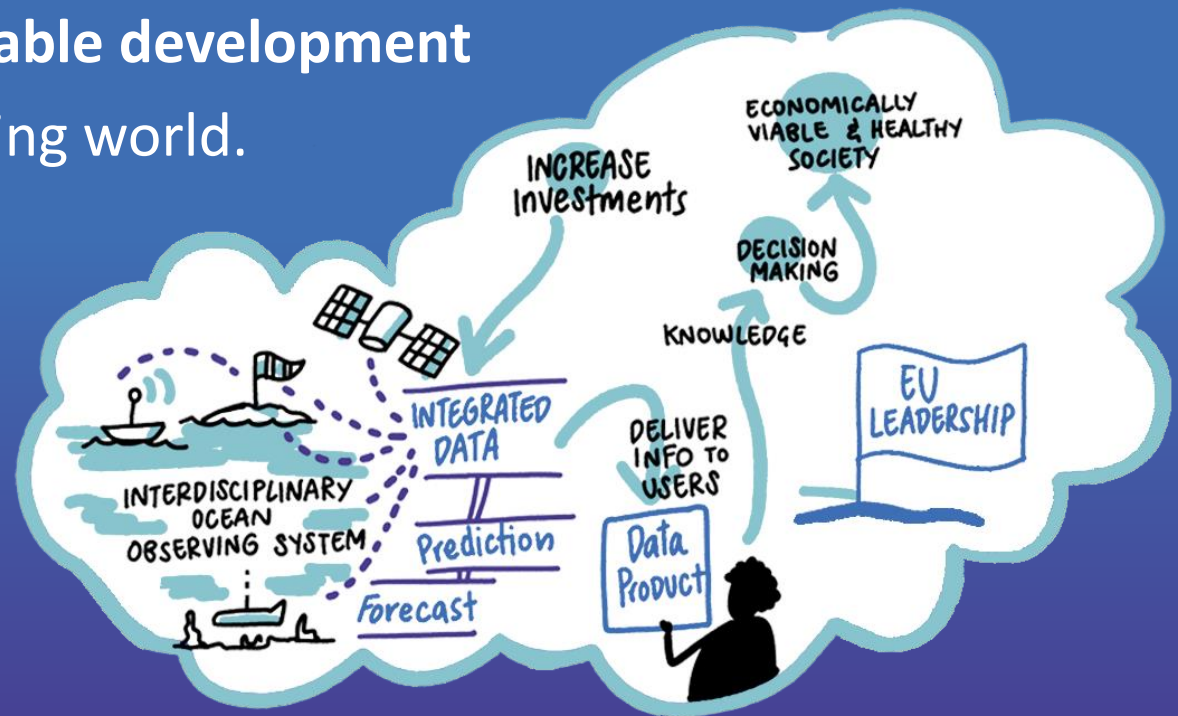


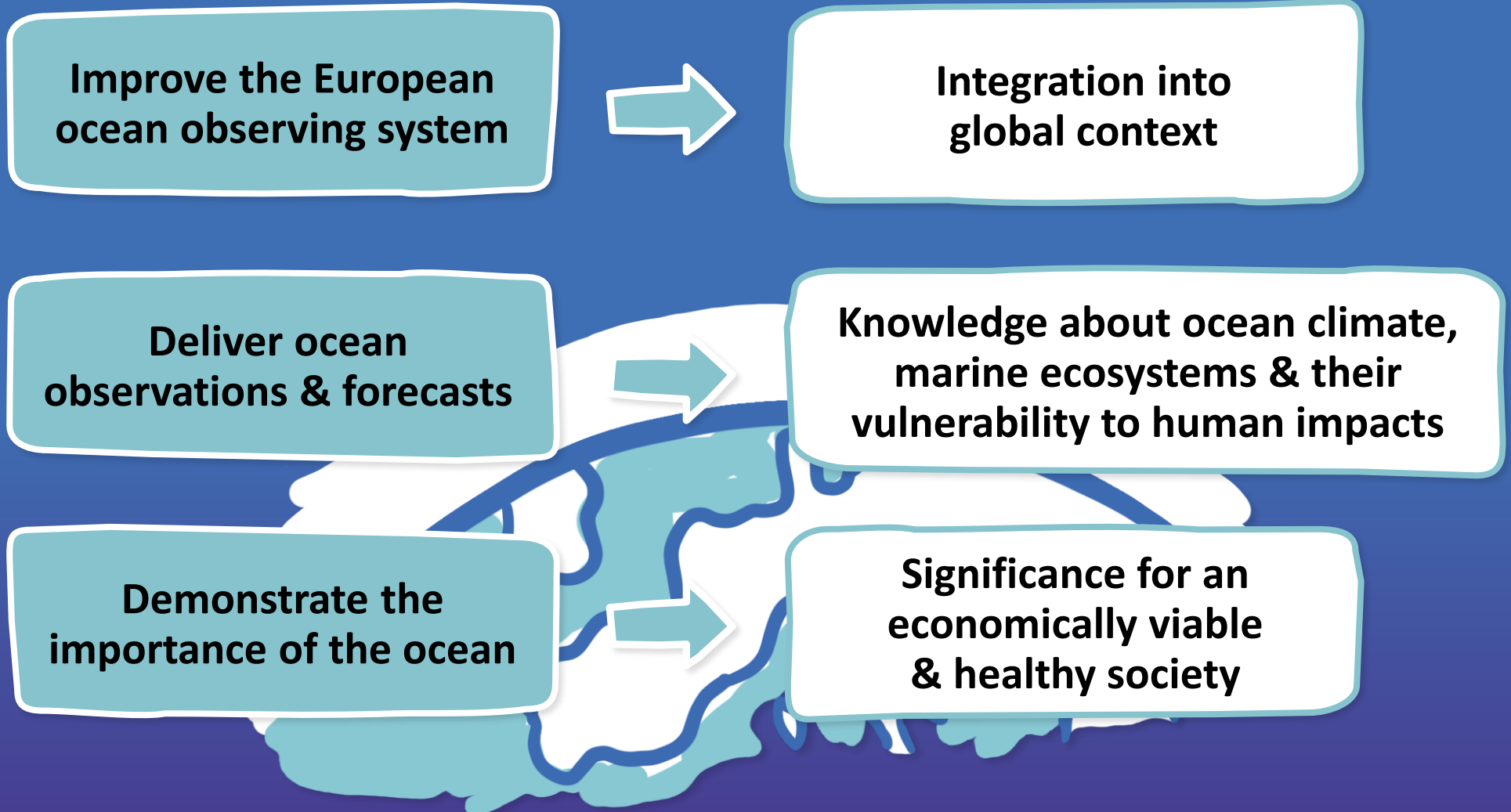
Budget

12.3 M€



Research and innovation towards a user-focused, truly interdisciplinary, and responsive European ocean observing and forecasting system, that delivers the essential information needed for human wellbeing and safety, sustainable development and blue economy in a changing world.



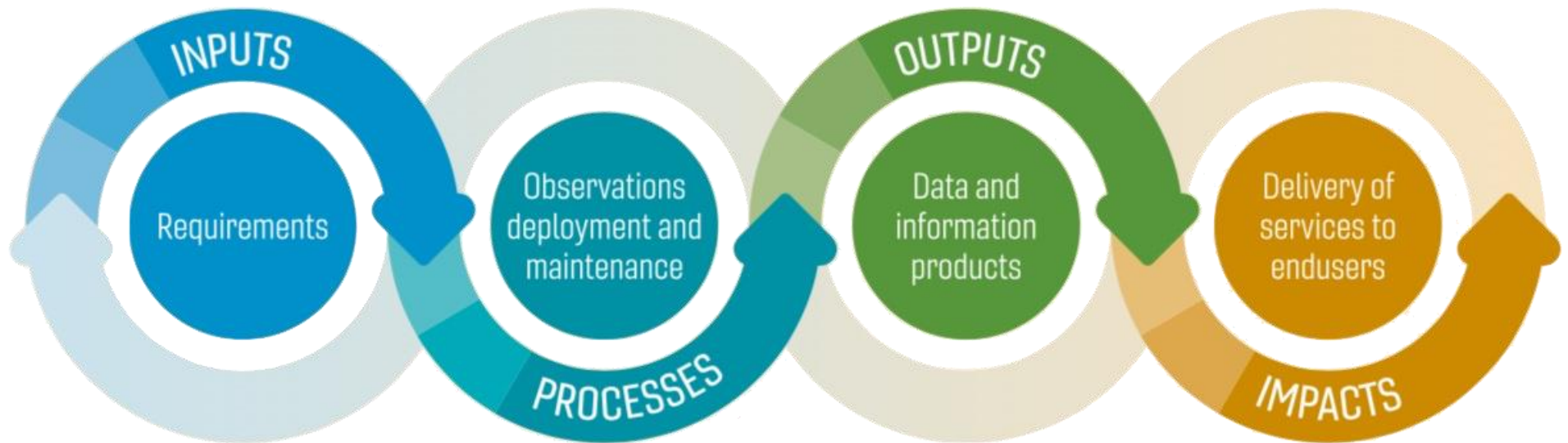


Mission

Use a **co-design approach** to significantly improve European ocean observing and forecasting **services and products** by building the **community** needed for a system that delivers services and products on the ocean, **ocean climate, marine ecosystems** and their **vulnerability** to human impacts.



GOOS version of the value chain



European Ocean Observing System - EOOS

Vision ▼

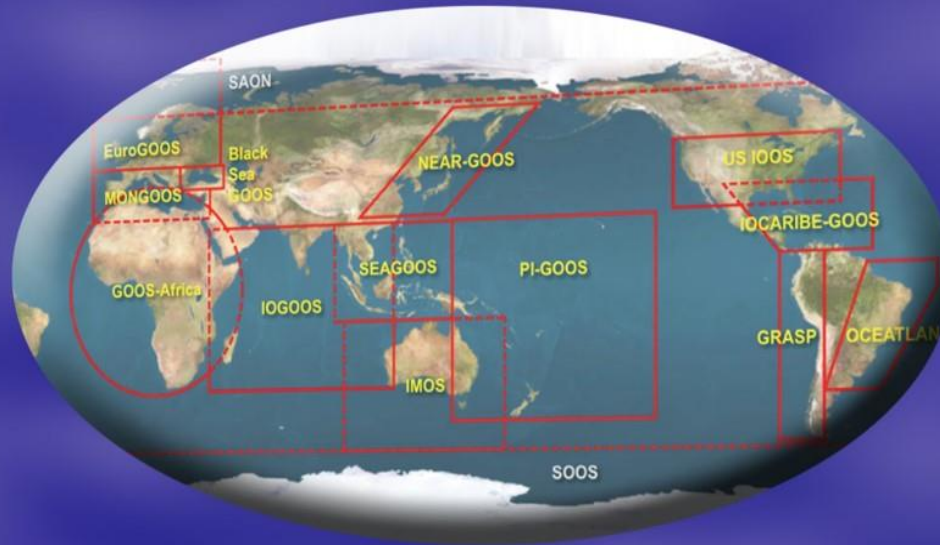
A European Ocean Observing System that is sustained and meets the specific needs of users.

▼ Mission

To coordinate and integrate European communities and organisations operating, supporting and maintaining ocean observing infrastructures and activities, fostering collaboration and innovation.

THE GLOBAL OCEAN OBSERVING SYSTEM

GOOS Regional Alliances (GRAs)



Black Sea GOOS



EuroGOOS



GOOS Africa



GRASP



NEAR-GOOS



OCEATLAN



PI-GOOS



SEAGOOS



U.S. IOOS



IOCARIBE-GOOS



IMOS



IOGOOS



MONGOOS

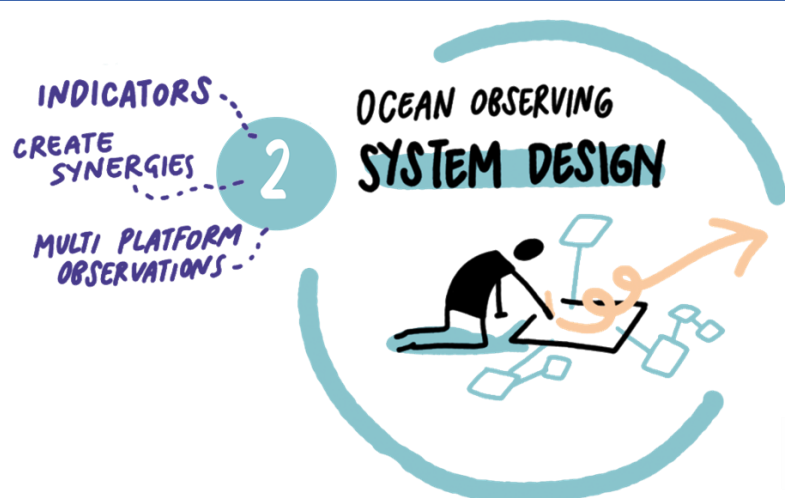


<https://www.goosocean.org/>

EuroSea – E00S connections

Objective 1

Unite the European ocean observing community through the E00S Framework, to collaboratively design and work towards a sustained multi-platform, multi-network and multi-thematic E00S that meets the specific needs of users.

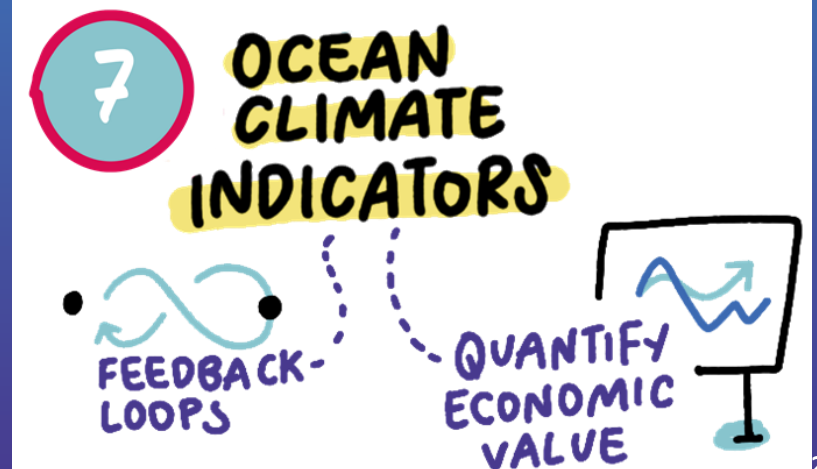
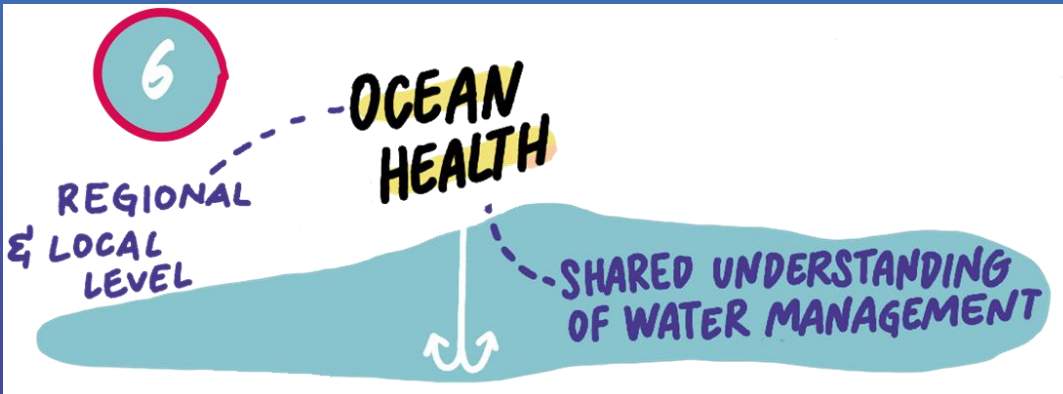


	European networks	Global networks
HF Radar	HF Radar EuroGOOS Task Team	Global HF Radar Network
Glider	Glider EuroGOOS Task Team	Ocean Gliders
Fixed platforms	<i>in progress...</i>	OceanSITES Taking the pulse of the global ocean
Surface vehicle	<i>in progress...</i>	
Profiling floats	Euro-Argo	Argo
Research ships	<i>in progress...</i>	GO-SHIP
Commercial ships	FerryBox EuroGOOS Task Team + ...	Global Observations from Commercial Ships
Tide gauges	Tide Gauge EuroGOOS Task Team	Global Sea Level Change System

EuroSea – E00S connections

Objective 2

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



EuroSea – EOOS connections

Objectives

Adv
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sus

To **strengthen** European leadership in Ocean Observing System **coordination and foresight** at an international level; in particular strengthening the **European Ocean Observing System (EOOS)** and contributing to the **implementation** of the **Global Ocean Observing System (GOOS) 2030 Strategy**.

- PRIORITIES
- BEST PRACTICES
- LEGAL FRAMEWORKS

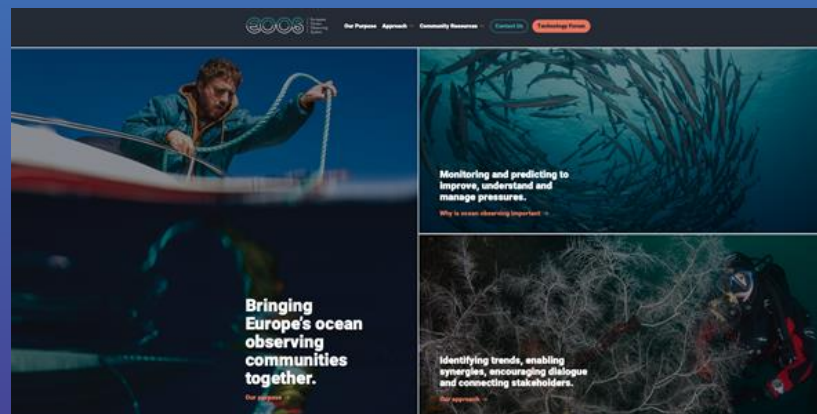


COORDINATION & GOVERNANCE



EOOS/GOOS implementation

- EOOS governance structure completed
- Engagement of GOOS National Focal Points and observing infrastructure
- EOOS website launch in January 2022
- EOOS Technology Forum Foresight WS in March 2022
- Operations Committee defined 4 priority areas for Action in 2022
- EOOS Strategy 2023-2027 and Roadmap for Implementation published



EOOS website: <https://www.eoos-ocean.eu/>



EOOS TF Foresight WS Report

Thank you

For more information

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Project coordination

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