An introduction to EuroGOOS and the development of a European Ocean Observing System (EOOS)

EuroGOOS

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Talk structure

- 1. Introduction to the EuroGOOS membership association
- 2. EuroGOOS and data: example of Research Vessel Data
- **3.** EOOS European Ocean Observing System- concept



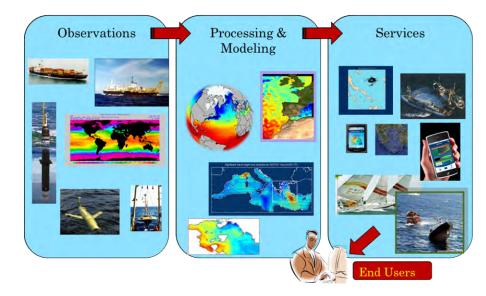
EuroGOOS is an association promoting and implementing **Operational Oceanography**. Ensure **sustained observations** and **models** are made in European seas underpinning a suite of fit-for-purpose **products and services for marine and maritime end-users**.



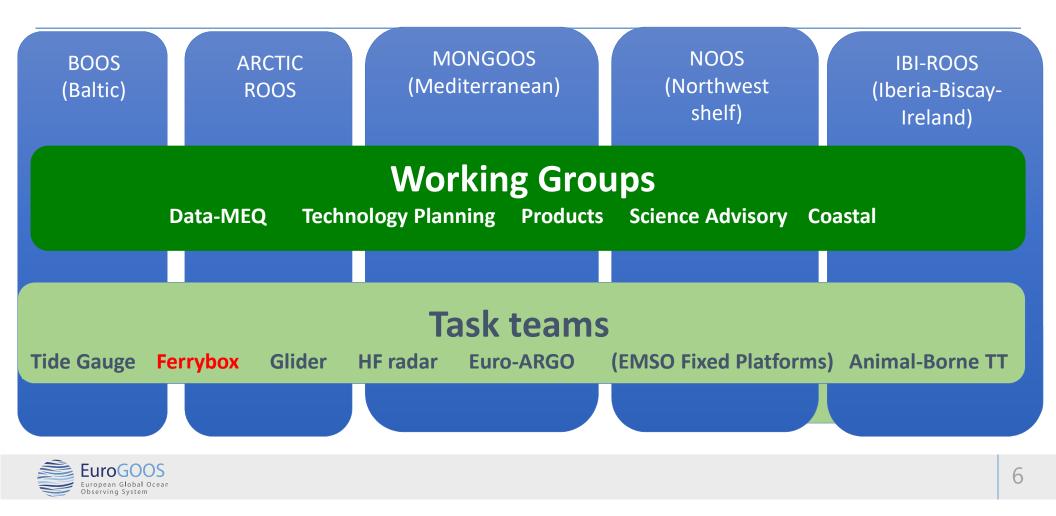
EuroGOOS Objectives

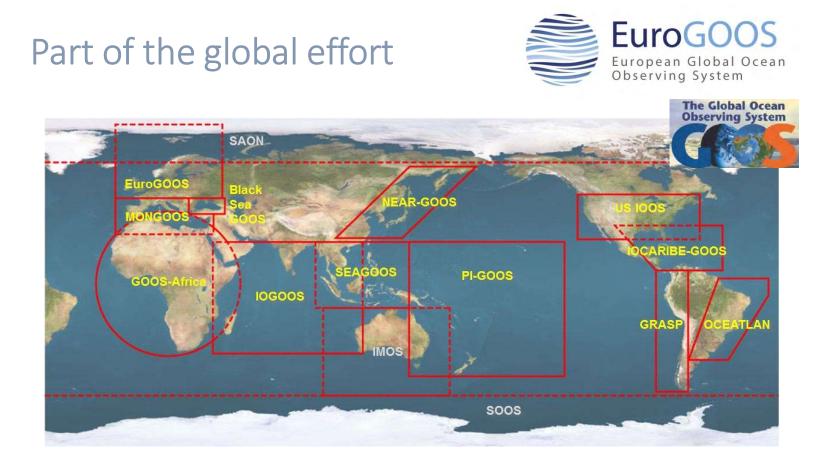


- **Strategy**: identify priorities for operational oceanography
- **Promotion**: of operational oceanography and the necessary research and technology
- **Cooperation**: at global (GOOS) and regional scales (ROOS)
- **Coproduction**: of data and model based services
- **Coordination**: of European contribution to sustained observing systems (EOOS European Ocean Observing System)
- **Representation**: of members to third parties (EU, Int. organizations etc.)



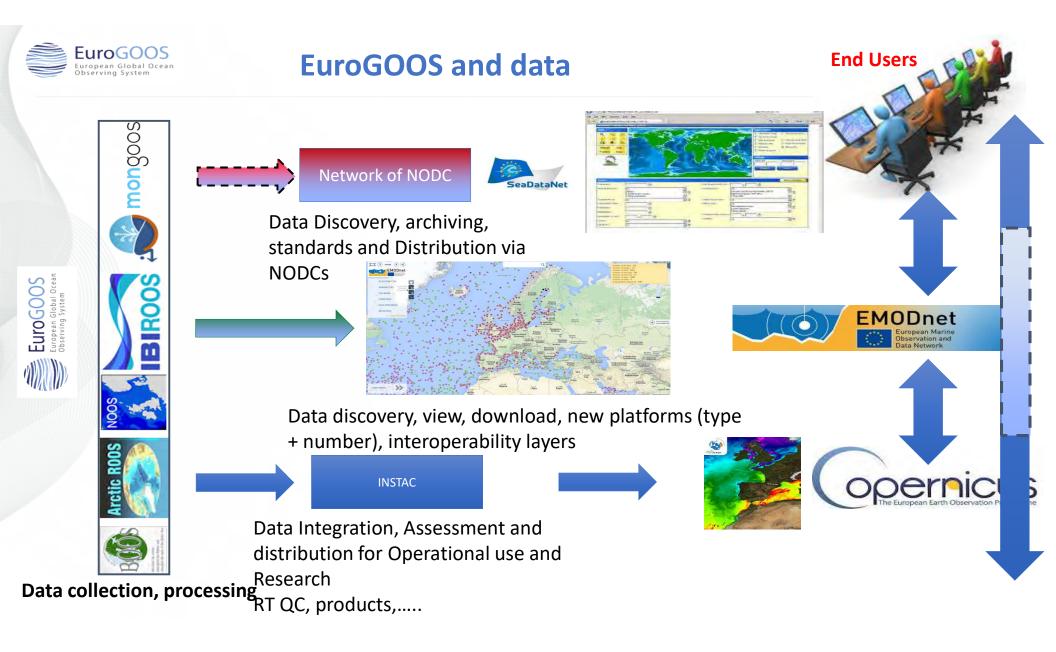
EuroGOOS Structure





GOOS is a programme executed by the Intergovernmental Oceanographic Commission (IOC) of the UNESCO to:

- International cooperation for sustained observations of the oceans
- Generation of oceanographic products and services
- Interaction between research, operational, and user communities

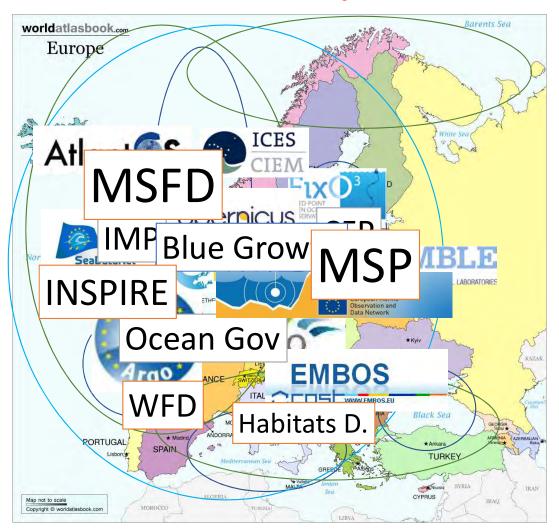






www.emodnet-physics.eu www.seadatanet.org

Now in Europe





Inclusive Common Sustained

Focal point







European Ocean Observing System

A **flexible coordinating framework** to help manage and improve the existing observing effort, making it more efficient and effective at different geographical scales, and for different end-users.

EOOS aims to **unite the dispersed community** under a common vision for ocean observing to support a competitive and environmentally healthy Europe.

Identify gaps (defined in base of requirements and capacities) and foster initiatives to fill them

Align and connect existing initiatives

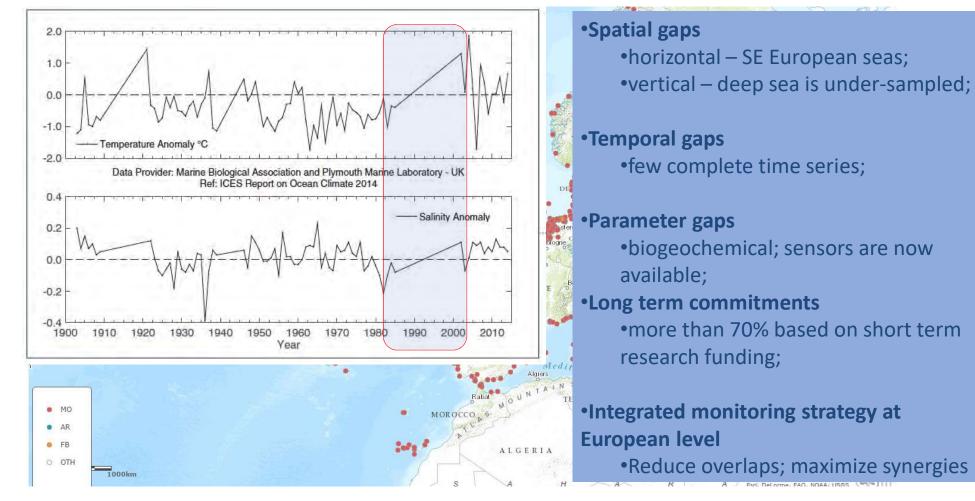


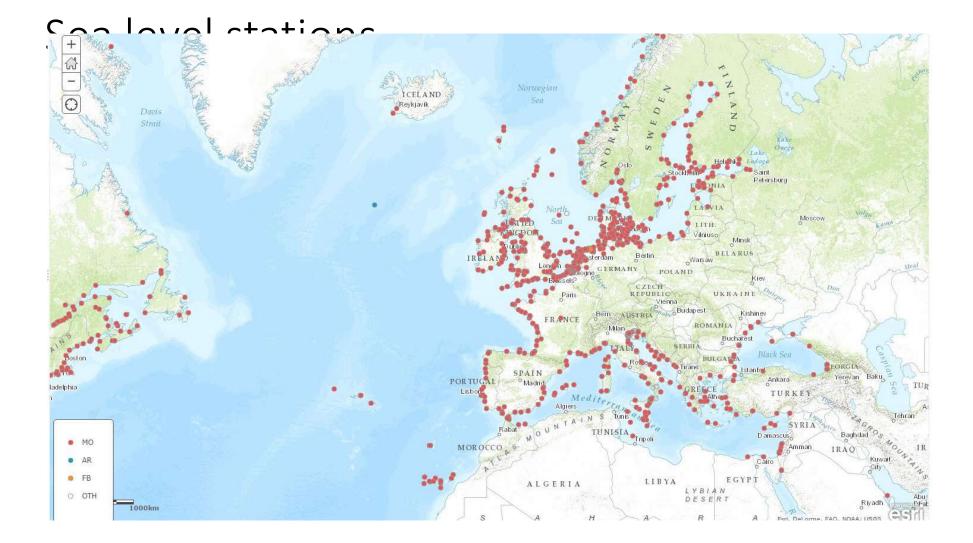


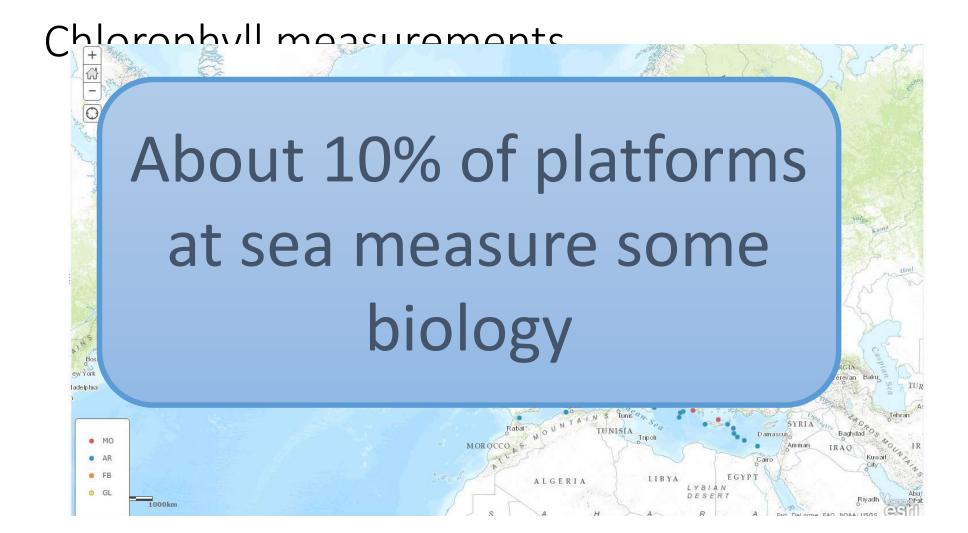
Identify gaps and foster initiatives to fill them



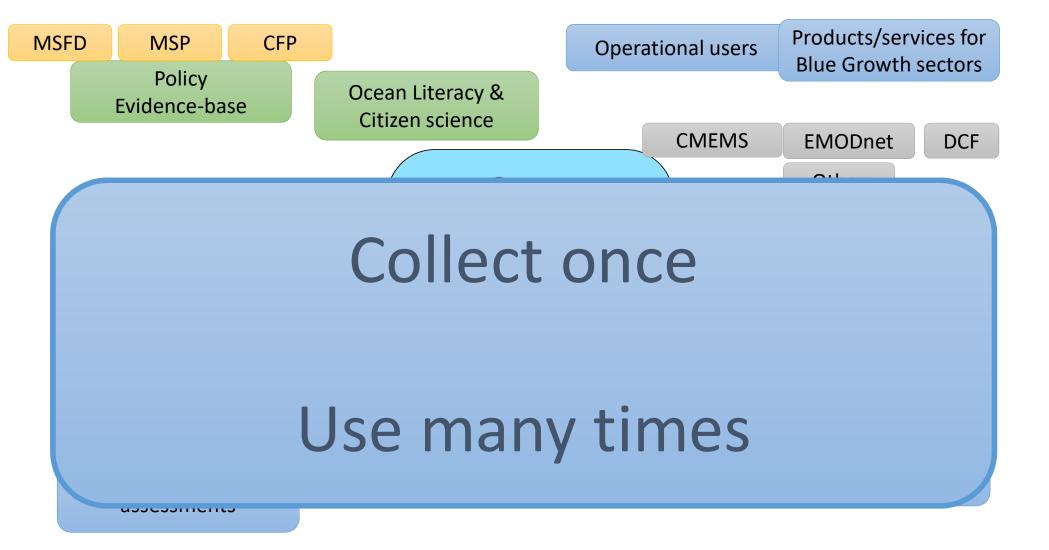
What is missing ?







Promote capacities that benefit multiple sectors including research, policy, management and industry





ALIGNING, INTEGRATING AND PROMOTING EUROPE'S OCEAN OBSERVING CAPACITY

- Logo and Flyer: March 2016
- Cons. Document brochure: November 2016
- Website: December 2016, <u>http://www.eoos-ocean.eu/</u>
- EOOS stakeholder consultation closed in January 2017





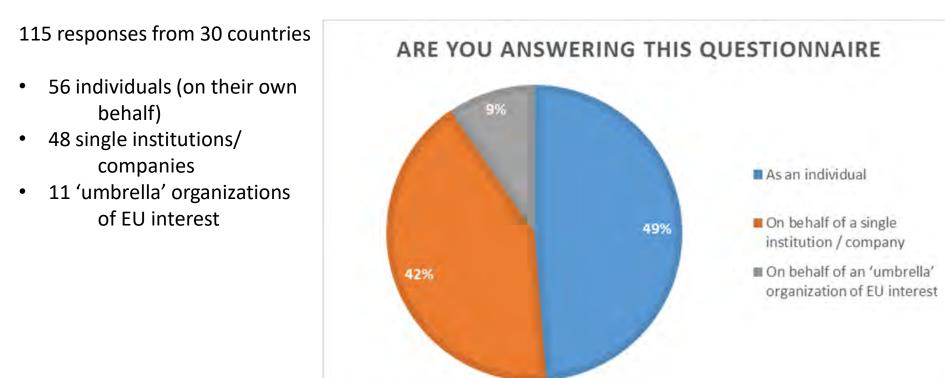






EOOS consultation: first results

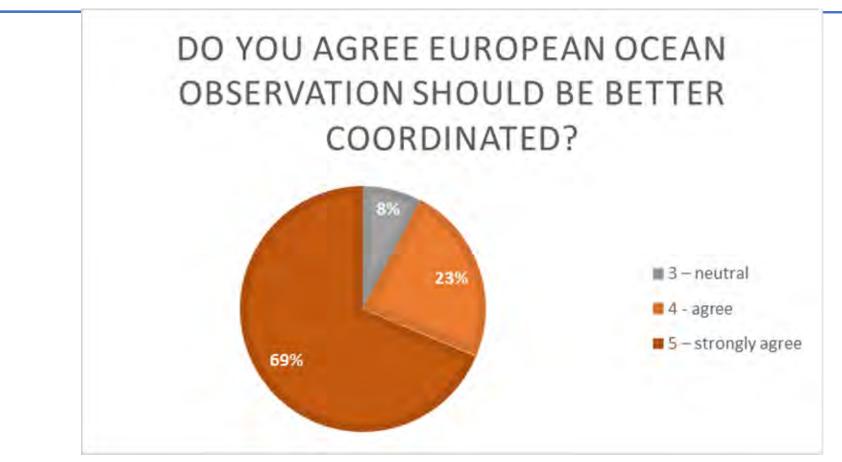
Open on-line stakeholder consultation (6 weeks)





EOOS consultation: Agreement with the EOOS concept









- Document the consultation results and disseminate (Summer 2017)
- Write strategy to cover next 18-24 months
- Write implementation plan to support strategy
- EOOS Forum by early 2018
- List of contacts for national ocean observation and marine monitoring: Call through EMB, EuroGOOS and JPI-Oceans.



Key points about EOOS:

- Ocean observing in Europe is done by a multitude of actors at national, regional and pan-European levels.
- The EOOS process will mobilise the ocean observing community to build a **common strategic vision and a framework for Europe**.
- EOOS is about observations and making them on a sustained basis.
- EOOS will be broader than physical data so making new alliances with biological and biogeochemical providers will be important.
- Its important to **include ERVO** in the EOOS framework.

THANK YOU

ANY QUESTIONS?

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