

# EuroGO-SHIP FACTS

EuroGO-SHIP is a Pan-European project and aims to improve the quality and integration of ship-based hydrographic data between nations



## A snapshot of the EuroGO-SHIP project at the first year mark

### 14 Partners

- Technical sea observation skills
- FAIR data management
- Leadership in international efforts towards development of best practices

NORCE (Norway)  
PML (UK)  
CNR (Italy)  
IFREMER (France)  
MI (Ireland)  
NOC (UK)  
UKMO (UK)

GEOMAR (Germany)  
SSBE (Belgium)  
WMO (International)  
ICOS-ERIC (Finland)  
UiB (Norway)  
CSIC (Spain)  
GEOCOMAR (Romania)

### 36 Months

- (Dec 2022 – Nov 2025)
- Funding: €2.998.546
- EU and UKRI Funding



#### Pan-European Coordination

Making the EU hydrographic system stronger than the sum of its component parts

**to maximise the return on the collective investment**



#### Training

Surveying and scoping training needs & requirements

**to boost the skills of scientists undertaking observations**



#### Best Practices

Piloting and testing optimal ways of undertaking key tasks in a reproducible manner

**to obtain comparable datasets of the highest quality**



#### Quality Control

Developing software and methods

**to facilitate the adoption of common data quality control procedures**



#### Access to Shared Facilities

Innovating models to make research infrastructures available across borders

**to make shared facilities more accessible and fit-for-purpose**

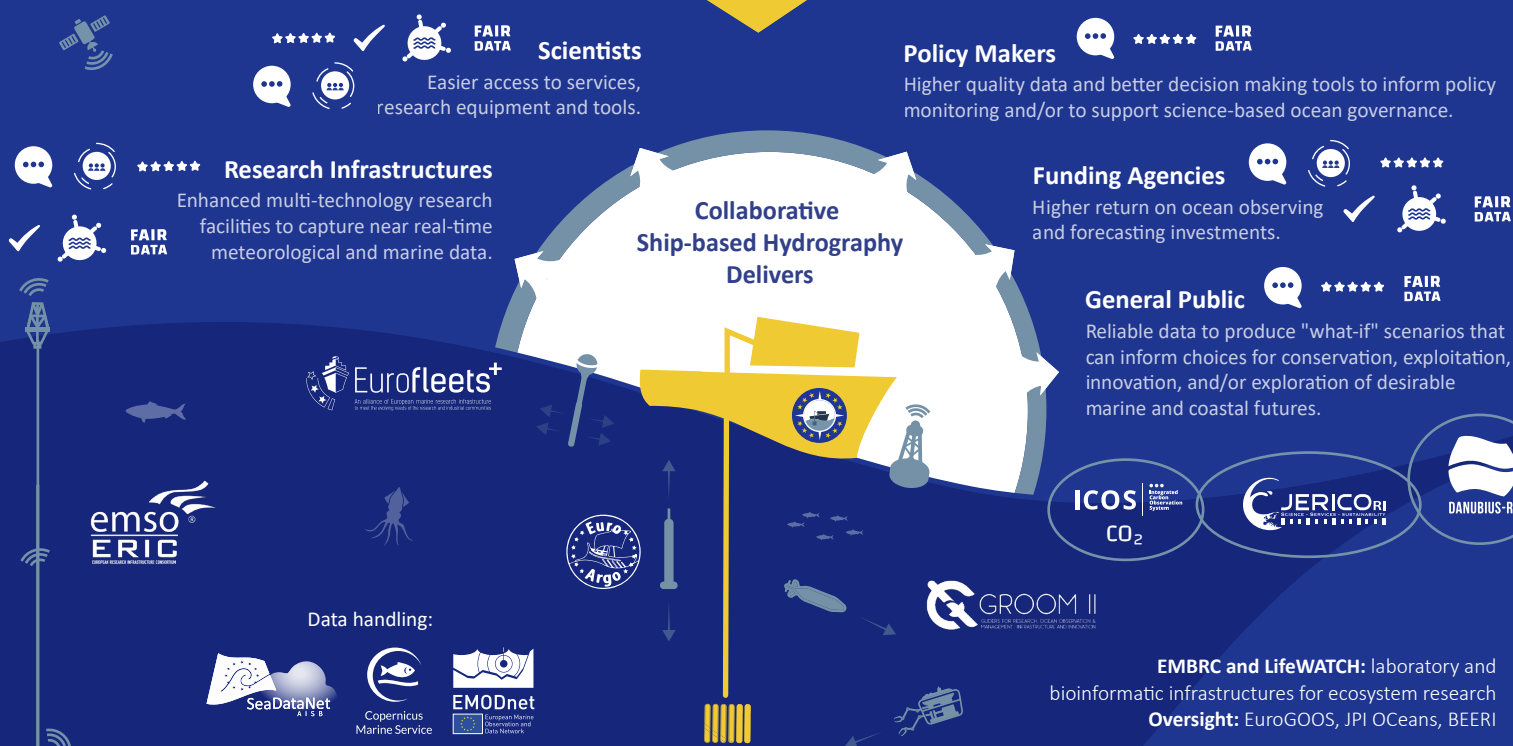
#### FAIR DATA

#### Data Management

Mapping existing data pathways and linking to end users




**to improve the flow and speed of higher quality (real-time) FAIR data and maximise the benefit to society**

**To enable multi-disciplinary research, modern oceanography relies on research vessels to capture high-quality ocean data and to deploy and maintain diverse ocean observing instruments.**



# EuroGO-SHIP CRUISES

Cruise activities support pilot studies on salinity sampling, nutrient preservation, secondary standards for carbon, ADCP data collection, CTD real time transmission, equipment sharing and training.

- 1 RV G. Dallaporta ★★★★★
- 2 RRS James Cook ★★★★★
- 3 RV Celtic Explorer ★★★★★ 
- 4 RV Gaia Blu ★★★★★
- 5 Monitoring motorboats ★★★★★
- 6 RV Mare Nigrum ★★★★★ 
- 7 RV Sarmiento de Gamboa ★★★★★
- 8 RV Maria S Merian 
- 9 RV Celtic Explorer & RV Tom Crean ★★★★★
- 10 RV Mare Nigrum ★★★★★



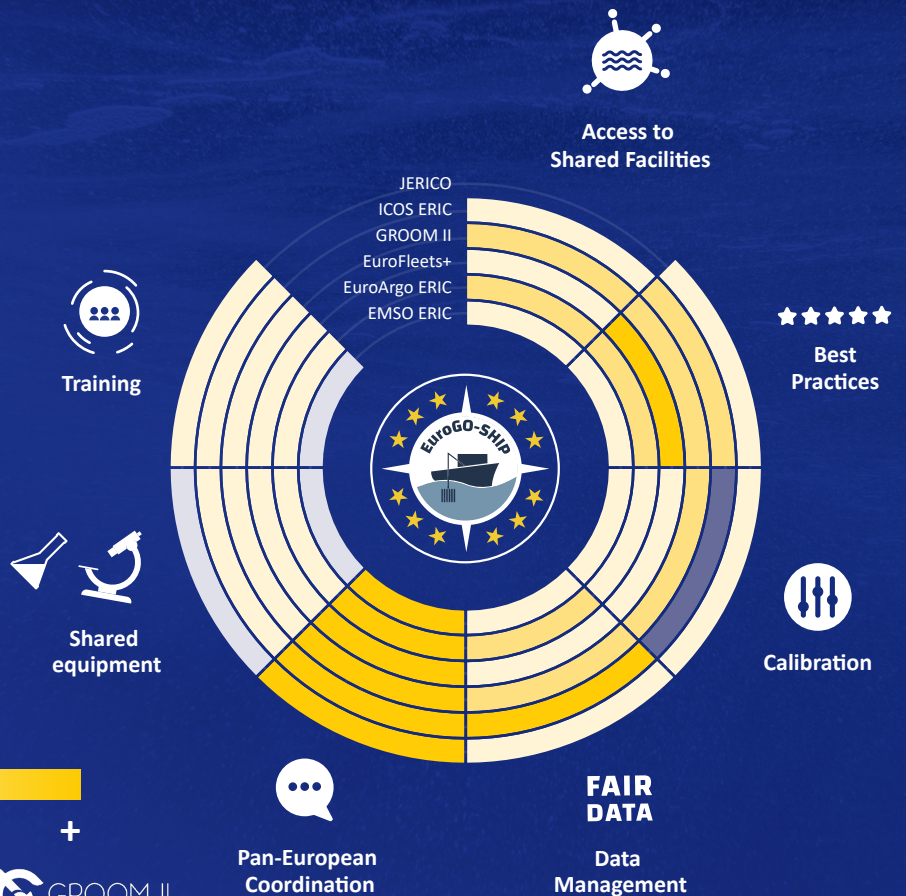
Version 1.2

## Research Infrastructures CONSULTATION

### A Co-Designed Strategy

Shaping a new research infrastructure in support of more accurate ship-based observations from the surface to the bottom of the ocean.

Consultations with relevant Research Infrastructures (RIs) have taken place during the first project year to present areas where EuroGO-SHIP might support and enhance the existing RI landscape against identified EuroGO-SHIP services, and to explore where EuroGO-SHIP might use capacity within the existing RI landscape. The initial impressions of these capacities, reflected in the figure here, will serve as a foundation to further evaluate the needs of these and other RIs and to explore potential synergies and complementarities with a view to solidifying the EuroGO-SHIP value proposition.



### EXISTING CAPACITY



emso ERIC | EuroArgo | JERICO RI | GROOM II | ICOS | Integrated Carbon Observation System | Eurofleets+ | An alliance of European marine research infrastructures to meet the evolving needs of the research and societal communities.

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