



A European Initiative on Ocean Observation

Rémy Dénos

Iain Shepherd

Directorate-General for Maritime Affairs and Fisheries (MARE)

Unit A1 – Maritime innovation, Marine Knowledge and Investment

EMODnet Steering Committee

Oostende

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Definitions

- “Ocean observations”
 - All observations of the state and dynamics of oceans and of marine organisms made within and beyond the jurisdiction of EU Member States, **with the exception of observations made from Earth-orbiting satellites**
- “Ocean waters”
 - All salty and brackish waters as well as the underlying seabed and subsoil



Problems

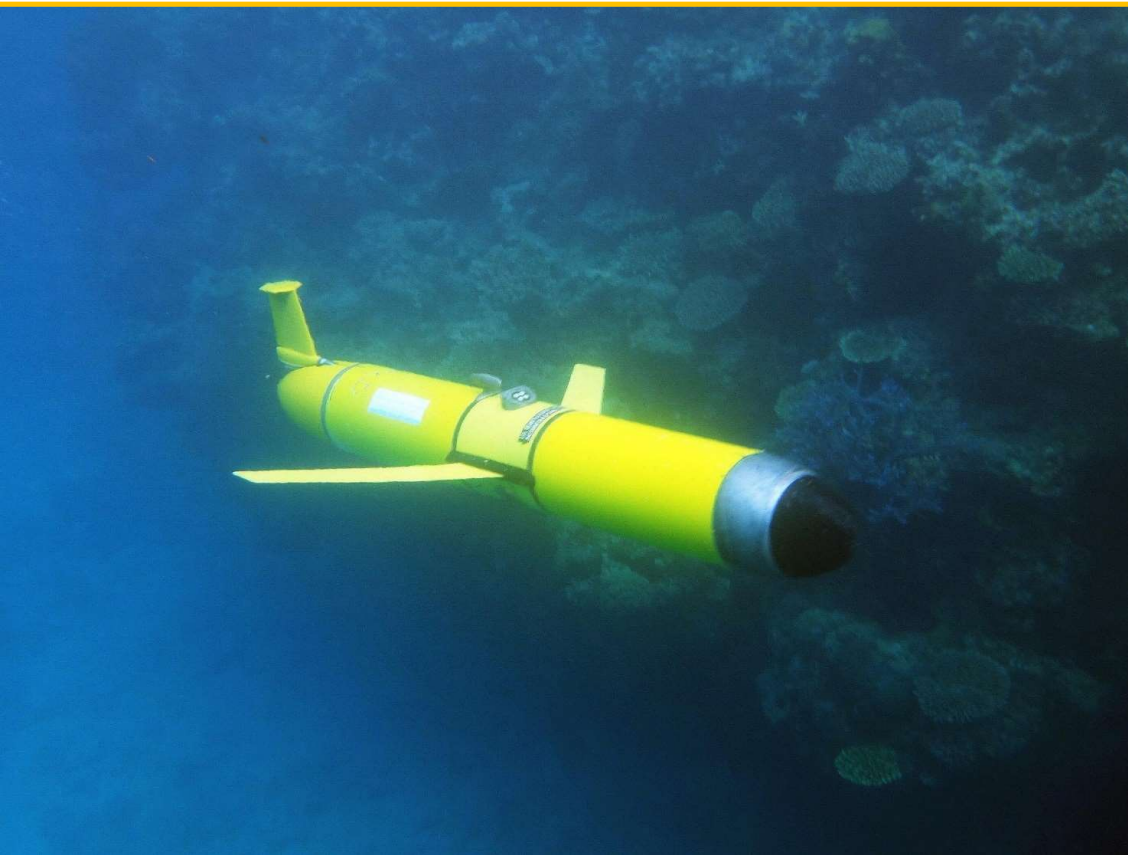
- Inefficient planning
 - Made for a specific purpose by a specific user community
- Opaque planning
 - Unaware of plans of neighbours
- Insufficient sharing
 - Measurement campaigns are expensive
 - Sharing assets could allow more observations for the same money
- Insufficient innovation
 - Take-up of new platforms and sensors is slow
- Unsustainable observation
 - Precarious funding
- Inequitable sharing of effort
 - For participation in international programmes
- Lack of standards
 - Inhibits efficient sharing of data

Divided responsibilities

	both		observing		monitoring
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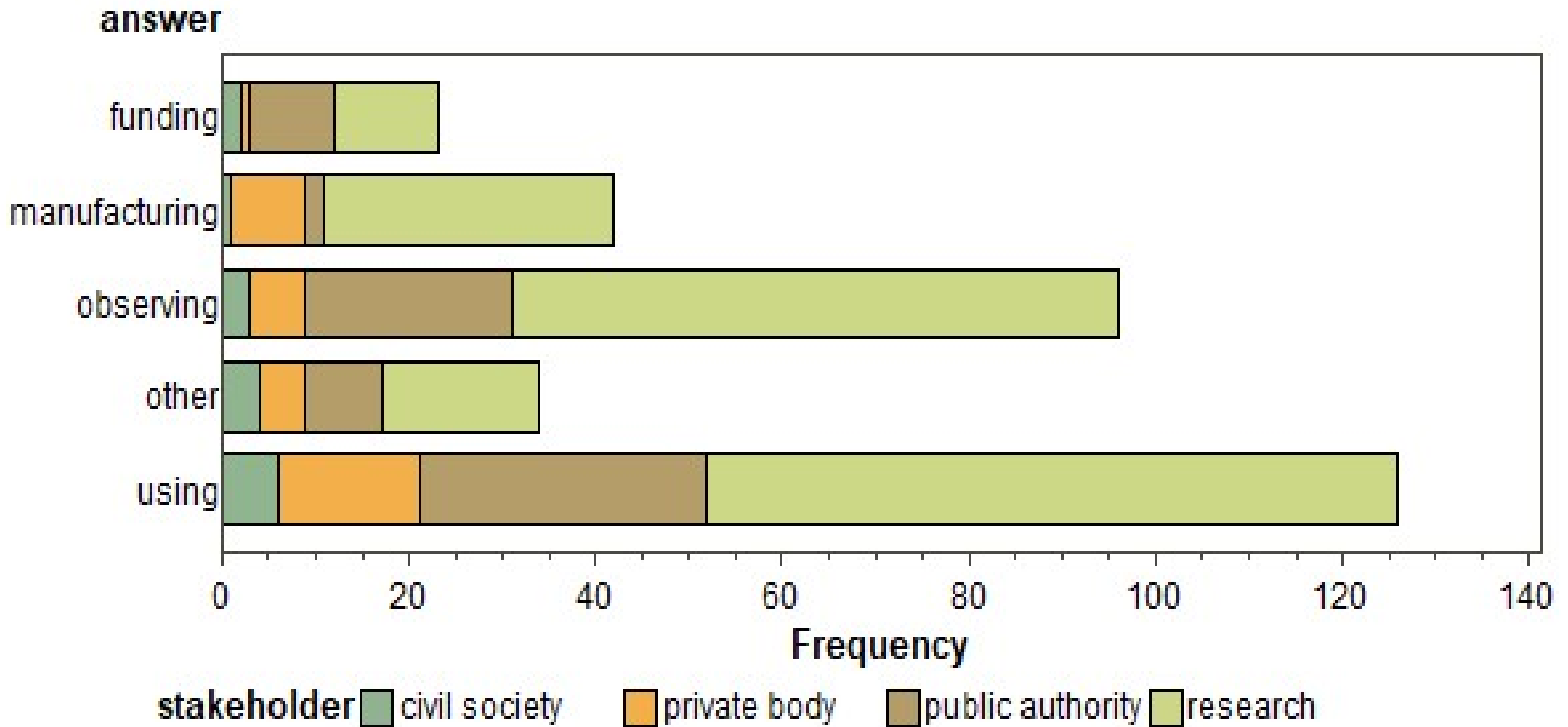
Country	Development and economy	Science and education	Agriculture and fisheries	Defence	Ocean	Foreign affairs	Energy	Environment	Transport	Other
Belgium										
Bulgaria										
Croatia										
Cyprus										
Denmark										
Estonia										
Finland										
France										
Georgia										
Germany										
Greece										
Ireland										
Italy										
Latvia										
Lithuania										
Malta										
Netherlands										
Poland										
Portugal										
Romania										
Slovenia										
Spain										
Sweden										

Objectives



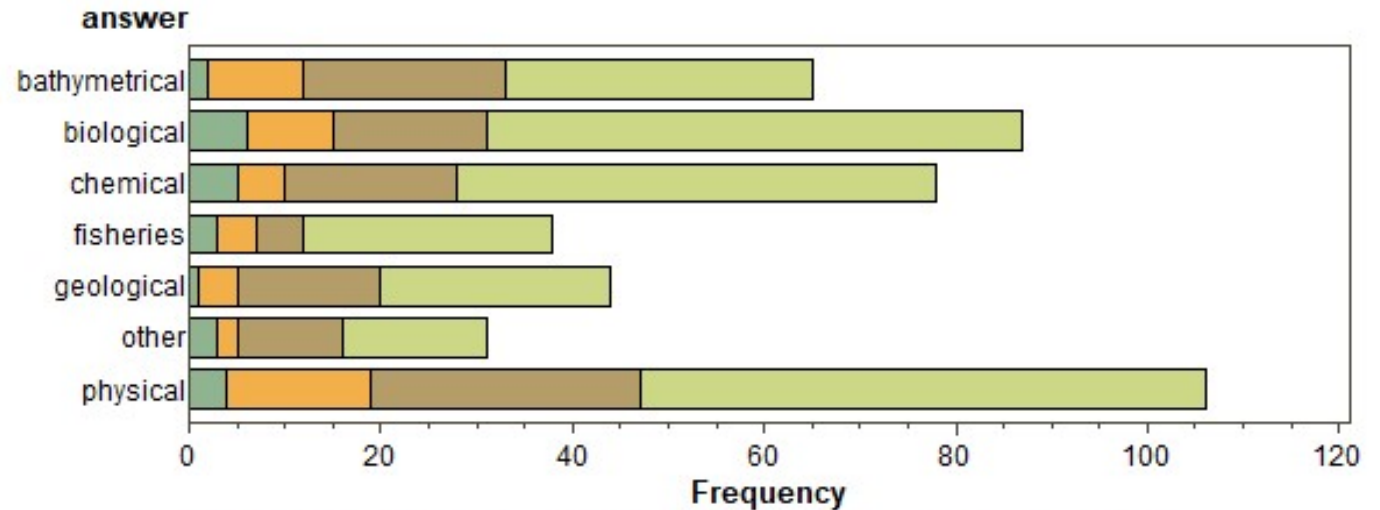
- More transparency and collaboration at EU level
 - on national Ocean Observation plans
- Progressing towards
 - a common EU approach for measuring once and using the data for many purpose
- Propose
 - Joint planning of observation activities
 - A framework for collaboration on a national and EU scale.

Respondents to the public consultation

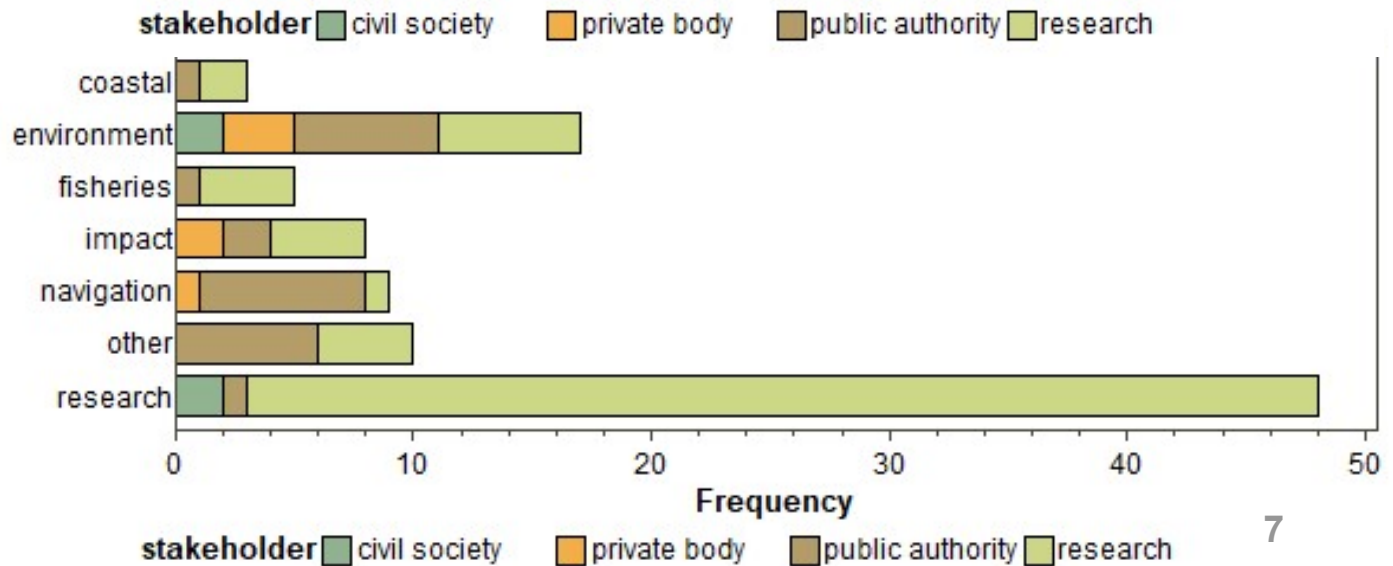


Responses from those engaged in observing

- What are you observing?

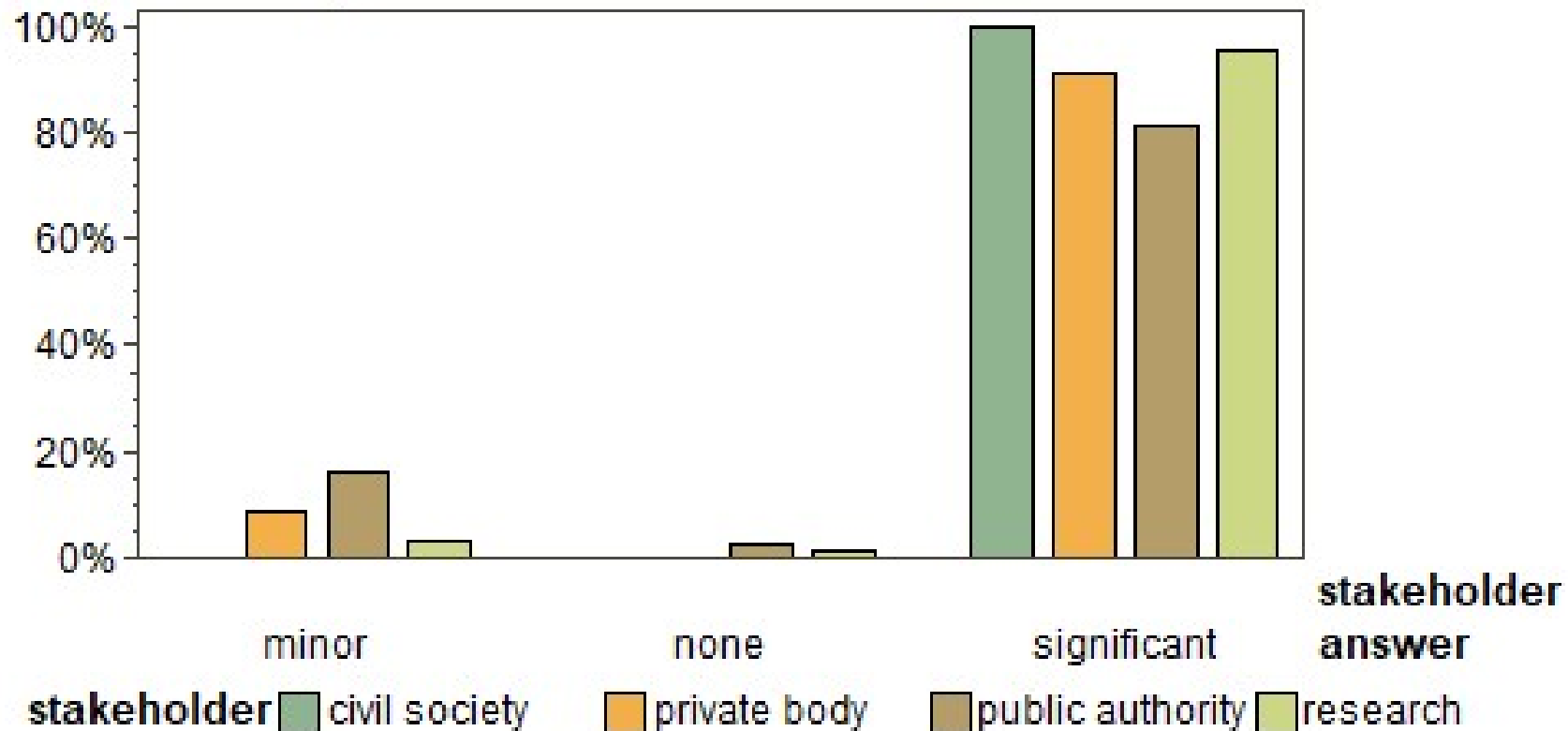


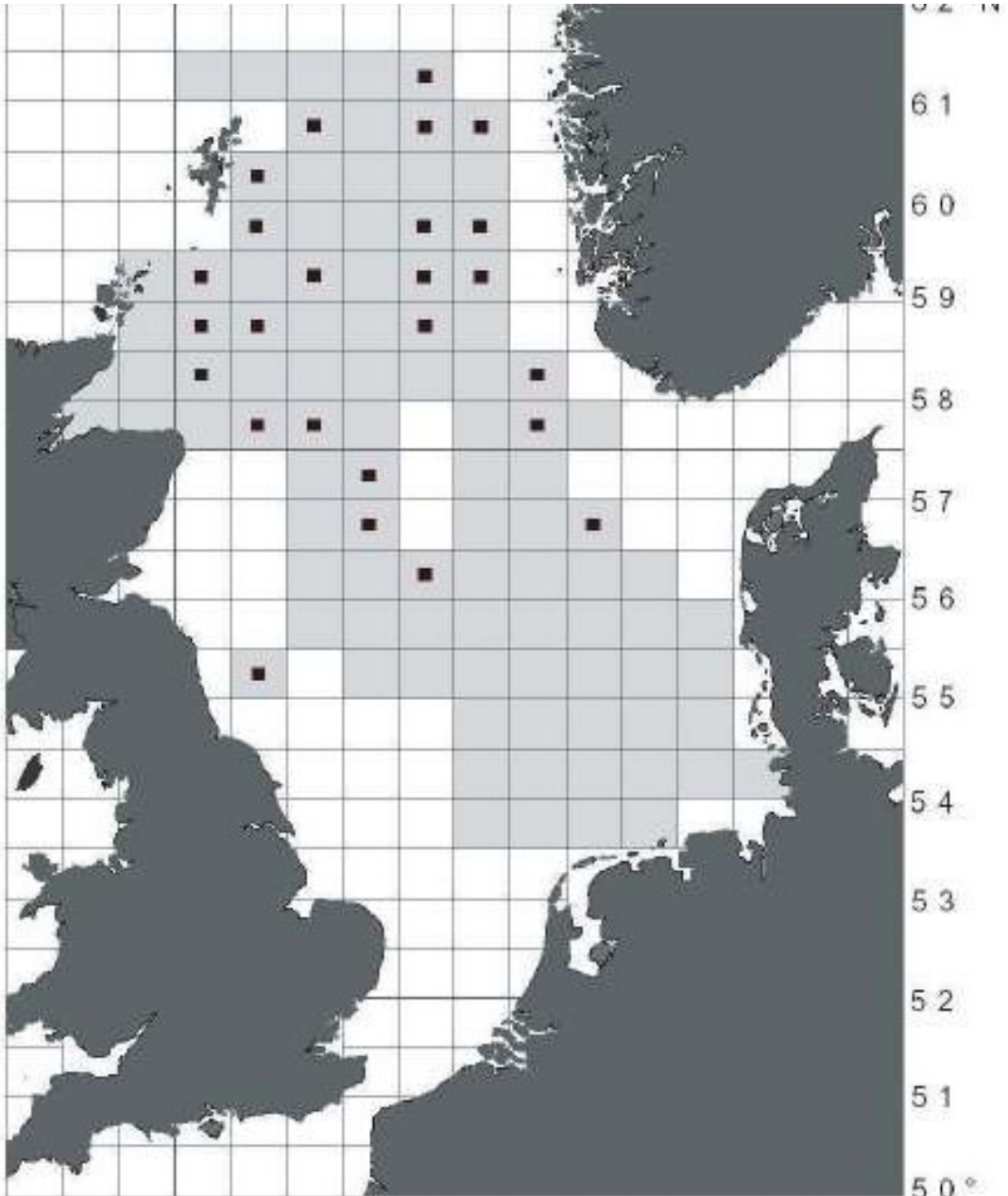
- Why are you observing ?



What is EU role in improving matters?

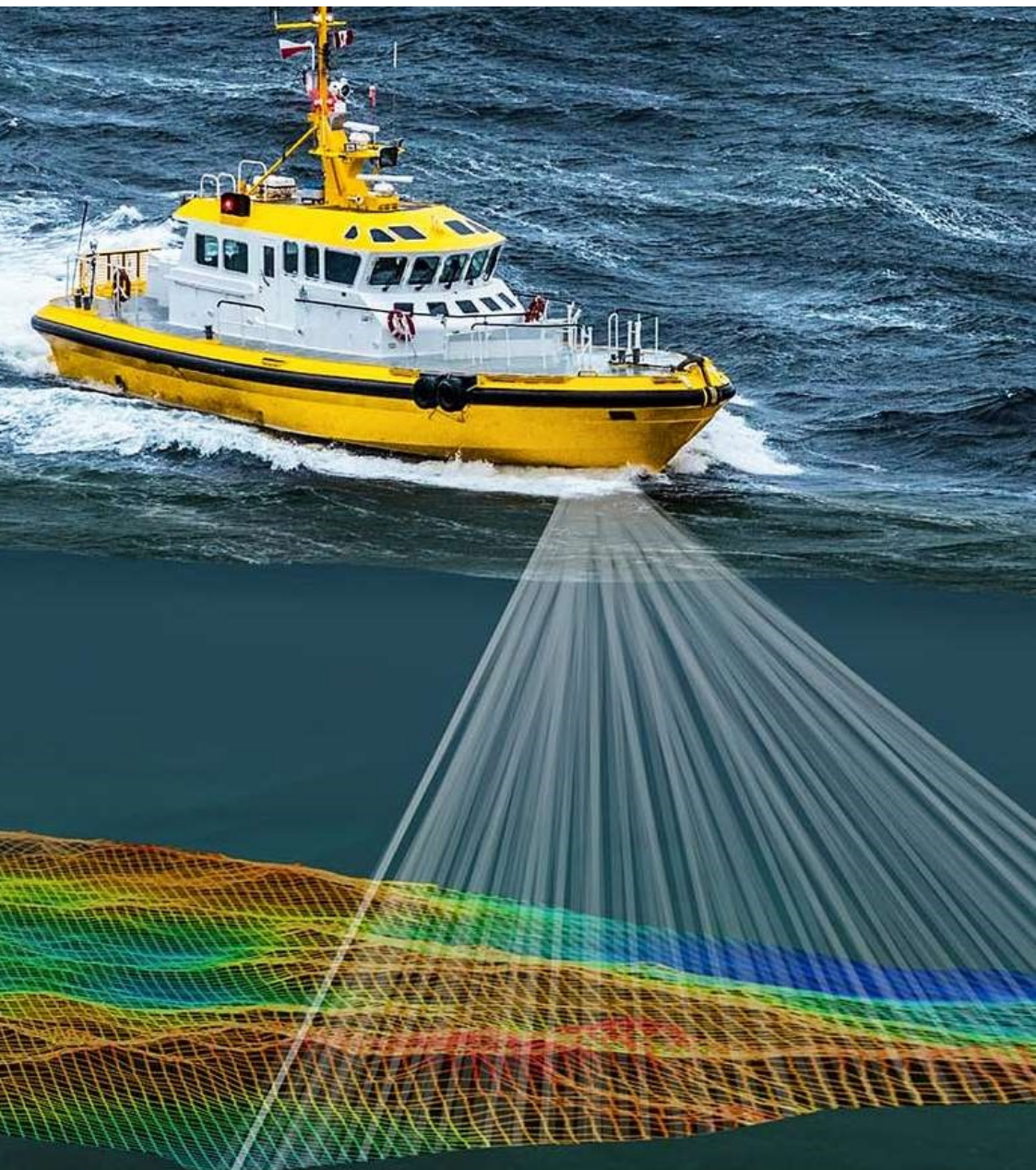
proportion of replies





Call for tender: study for reporting obligations for ocean observation

- Opened
 - 4 February 2022
- Closed
 - 24 March 2022
- Work on European Initiative on OO
 - ongoing at the COM
 - more information on the initiative in the summer



Tasks in the tender

- Current practice
 - includes those mandated by EU legislation
- Standards
 - identify current practice
- Reporting template
 - INSPIRE format
- Data collection
 - test on two EU Member States
- Examples of how to display information
 - prototype on map viewer
- Workshop
 - present results