EMODnet
European Marine Observation and Data Network

THE EUROPEAN MARINE OBSERVATION AND DATA NETWORK - AT A GLANCE
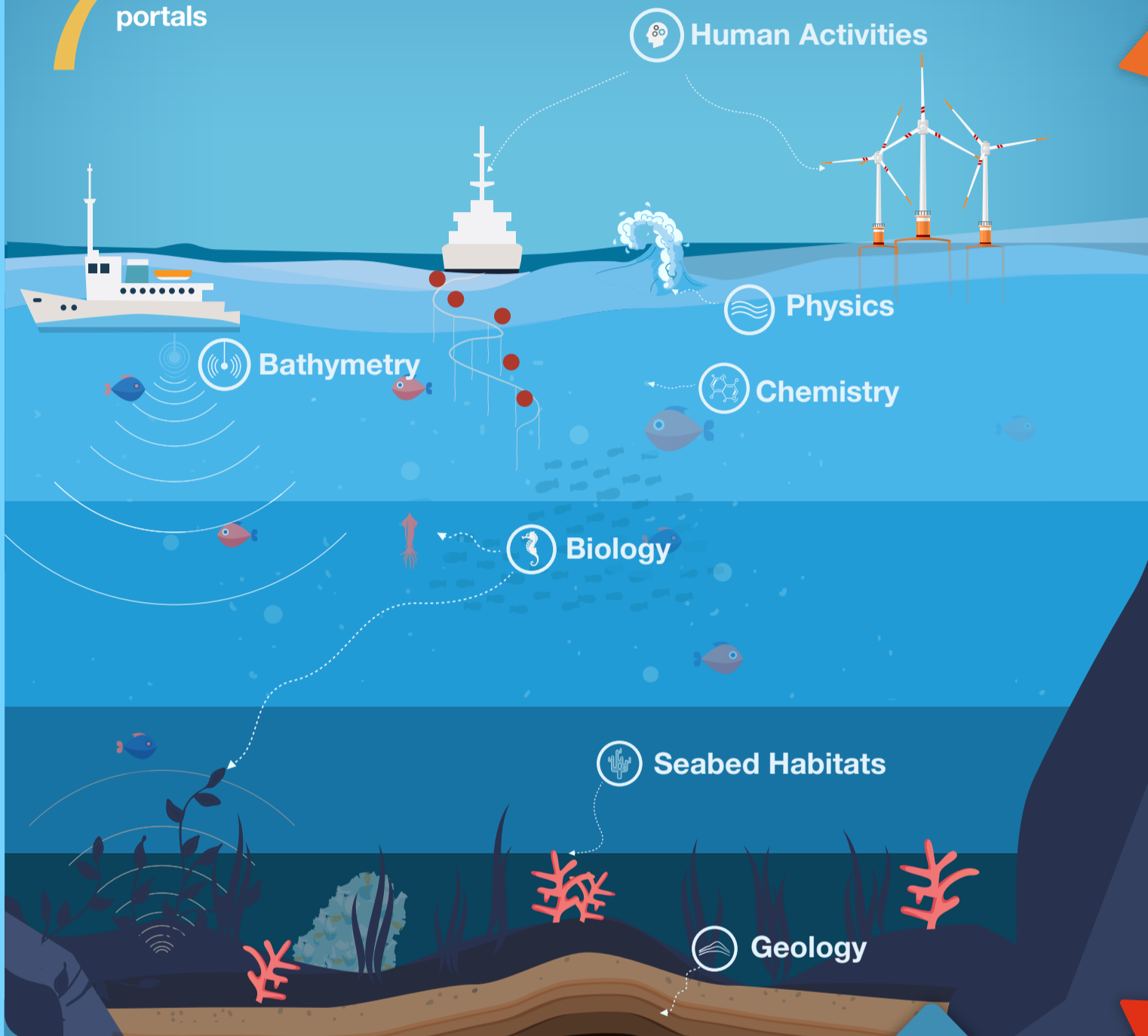
Over **150 organisations** assembling and making available
marine data, metadata & products

7 Thematic portals

- Human Activities
- Physics
- Bathymetry
- Chemistry
- Biology
- Seabed Habitats
- Geology

6 Sea-basin Checkpoints

- ARCTIC
- ATLANTIC
- BALTIC
- BLACK SEA
- MED SEA
- NORTH SEA

Checking the fitness for purpose of marine data in European sea basins

EMODnet Timeline

Phase I (2009–2013)
- ◎ Limited sea basins
- ◎ 59 institutes
- ◎ budget: 6.45 M€

Phase II (2013–2017)
- ◎ Low resolution all basins
- ◎ 120 institutes
- ◎ budget: 16.3 M€

Phase III (2017–2020)
← We are here
- ◎ Multi-resolution
- ◎ over 150 institutes

1 Central Portal (www.emodnet.eu)
Gateway to all EMODnet data resources and tools allowing users to retrieve data layers from multiple themes

1 Ingestion Portal
facilitating submission of new datasets
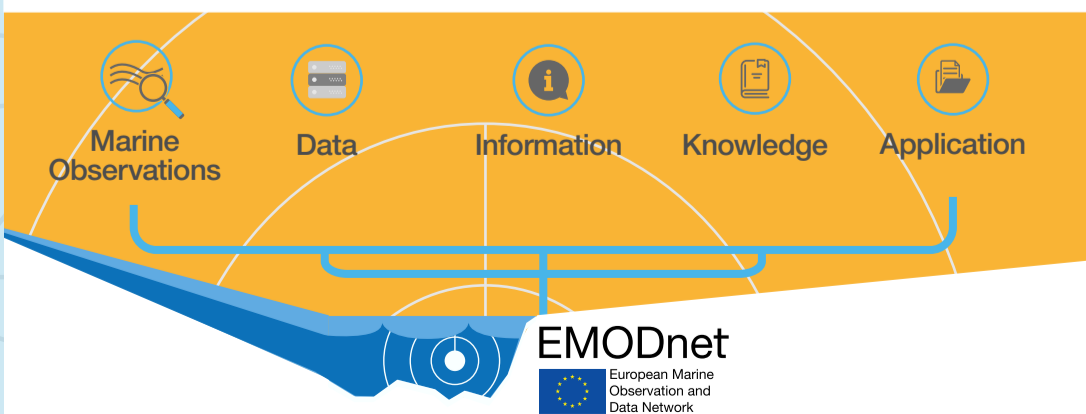
EMODnet Secretariat

Why EMODnet?

Every year, EU & its Member States invest 1.4 billion euro in marine observations and data collection.

Most of this data ends up in different databases and systems scattered around Europe and is difficult to find, access, assemble and use.

EMODnet is making a difference

From raw data to real-life applications

Marine Observations → Data → Information → Knowledge → Application

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Who is EMODnet for?

Professionals from: 🏛 Public Sector ⚓ Civil Society
🏭 Private Sector ⚗ Research Community

Benefits

👍 **Increased productivity:** Avoid costs of repeated collection of data by improving access to already existing data in compatible formats

👍 **Stimulation of innovation:** Anyone (including SMEs) can build value-added services using data from different sources

👍 **Reduction of uncertainty:** Better access to data improves forecasts of the behaviour of the seas, reducing costs of protecting life and property in coastal areas and offshore

👍 **Adding value to your own data:** Sharing data with EMODnet allows your own data to be combined with data from others to generate better value-added products and information and supports the global open data movement.