

Celebrating 10 years of ocean information from EMODnet

EMODnet provides free and open access to:

- multi-resolution digital seabed map of European waters covering topography, geology, habitats and ecosystems of the highest resolution possible; accompanied by
- timely observations and information on the present and past physical, chemical and biological state of the overlying water column, and by associated data on human activities.

2040

2030

2020

2019

2018

2017

2016

2015

2014

2013

2012

2011

2010

2009

- 🌐 Release of first European wide satellite based coastal behaviour map & first ever products – Submerged landscapes and Geomorphology of European seas in scale 1:100.000 or finer
- 🧬 Eutrophication: Over 1 million datasets available online
- 🔬 2nd Open Sea Lab
- 🗺️ Release of the vessel density maps
- 📄 Making European marine biology data FAIR with more than 25.9 million records available online

- 🧪 First delivery of validated, regionally harmonised and aggregated collections of nutrients, chlorophyll, oxygen and contaminants
- 🌊 Strengthened the partnership with CEMS and SDN to provide users with jointly enhanced services on *in situ* data

- 📡 Data Ingestion Service launched
- 👥 EMODnet Checkpoints Stakeholder Conference
- 🤝 EMODnet Associated Partners network established
- 💡 1st EMODnet Open Sea Lab Hackathon
- 🗑️ Marine Litter: The first EU database for beach and seafloor litter

- 📡 DTM @ approx 115 m resolution, with embedded 3D bathymetry viewer
- 🌐 Network of 50 data centres 'recruited'

EMODnet Technical Working Group established by Steering Committee

- 📍 Checkpoints for Arctic, Atlantic, Baltic and Black Sea launched
- 🌐 Provision of single point access to seabed habitat data in Europe
- 📡 DTM @ approx 230 m resolution
- 🗺️ 1st EMODnet Open Conference and Jamboree

- 🌐 First release of EUSeaMap broad-scale seabed habitat map
- 🗺️ First release of integrated climatological maps

- 🏢 EMODnet Secretariat established
- 📍 Checkpoints for Mediterranean Sea and North Sea launched
- 🗺️ EMODnet Central Portal launched
- 🗺️ EMODnet Human Activities kicked off

- 🗺️ First marine geological map of the Northern European Seas released.

- 🌊 EMODnet Physics initiated
- 📡 First EMODnet Digital Bathymetry (DTM) released @ 500m resolution

EMODnet established by DG MARE

Phase III
More than 150 institutions, budget 20M Euros

Multi-resolution digital map of entire European seabed by 2020

Phase II
120 institutions, budget 16.3M Euros

More parameters and coverage (all sea-basins)
Medium-resolution data products
Human Activities portal, establishment of Central Portal, Sea-basin Checkpoints, and Secretariat

Phase I
59 institutions, budget 6.5M Euros

Prototype of thematic data portals
Limited selection of parameters and sea-basins
Low-resolution data products

Physics

Chemistry

Biology

Bathymetry

Human Activities

Geology

Seabed Habitats