



EMODnet



European Marine
Observation and
Data Network

16th EMODnet Steering Committee EMODnet European partnerships

16th EMODnet Steering Committee
27-28 April 2022

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emodnet.ec.europa.eu

EMODnet: A key contributor of open, free, and trusted integrated data and data products providing marine knowledge for key EU policies, strategies and initiatives



EMODnet & European Partnerships:



EMODnet: A key EU long-term marine data and knowledge service

Working in close cooperation with the **Copernicus Marine Service**

Federated infrastructure connecting across the marine knowledge value chain: data providers, ocean observation networks e.g. EuroGOOS, marine research infrastructures, marine monitoring, industry, civil society; data management initiatives, infrastructures & networks at national, regional and European levels

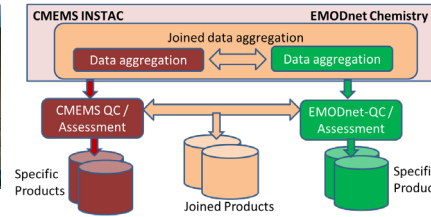
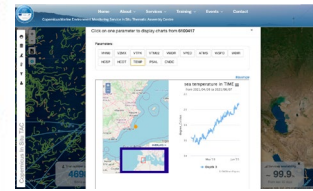
Close interaction with EU projects

Close cooperation with Regional Sea Conventions

EMODnet European Partnerships: Copernicus Marine Service

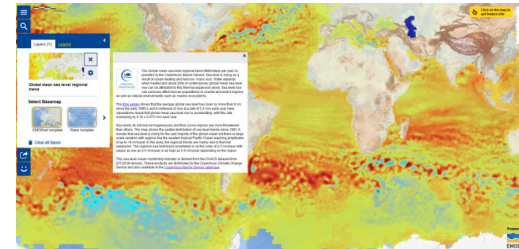
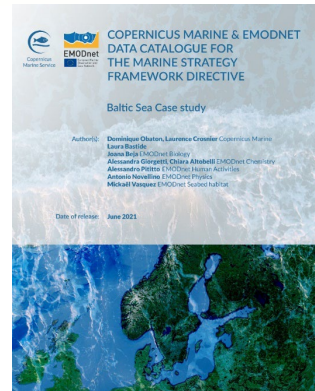


Copernicus Marine Service (CMEMS) and EMODnet have been collaborating at coordination and operational levels for some time, as two key, long-term marine data initiatives of the European Union.



Key activities 2021

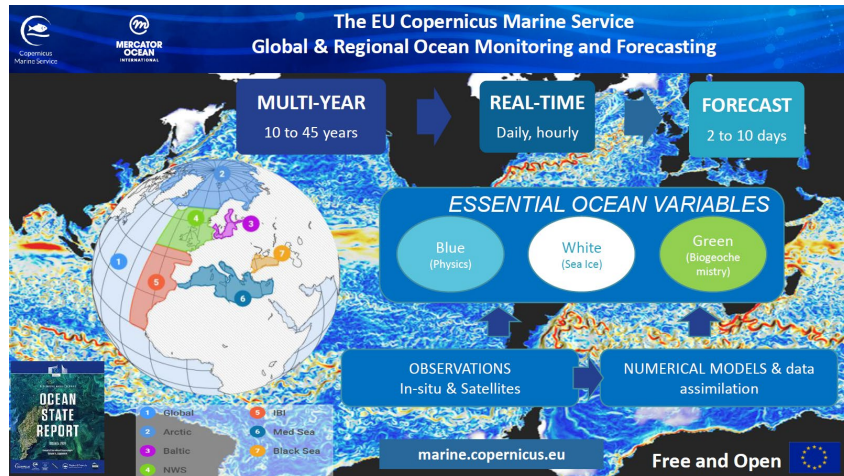
- Ongoing **operational collaboration**, particularly with EMODnet Physics and Chemistry (with MoUs in place);
- **Cross-thematic joint activities** e.g., Joint portfolio for MSFD (Baltic Sea);
- Copernicus Marine Service active participation as speakers and panelists at the **EMODnet Open Conference 2021**
- **2 Joint workshops** on “Marine Data for Aquaculture”;
- More **Copernicus Marine Service data layers** added to European Atlas of the Seas;
- **EMODnet – Copernicus Marine Service 5th Coordination meeting**.



EMODnet European Partnerships: Copernicus Marine Service



Copernicus Marine Service (CMEMS) and EMODnet have been collaborating at coordination and operational levels for some time, as two key, long-term marine data initiatives of the European Union.



Key activities 2022: January-April

- **Copernicus Marine Service Phase 2 kick-off meeting**, January 2022 (EMODnet speaker/panelists);
- **EMODnet – Copernicus Marine Service 6th Coordination meeting** on 15 March 2022 (and management, thematic and other meetings in between);
- **New EMODnet (Phys/Chem) – Copernicus Marine INSTAC WG** for NRT data ingestion, joint products, etc
- **Copernicus Ocean Challenge 4 Africa hackathon**, 8-10 April 2022: EMODnet Secretariat served as coaches
- **Digital Ocean Forum**, 20-21 April 2022, Paris: Working Groups & High-level event: Diverse representation from EMODnet Secretariat, Central Portal, Data Ingestion, Biology, amongst 70 experts from marine science, modelling, marine data, ICT, industry etc.

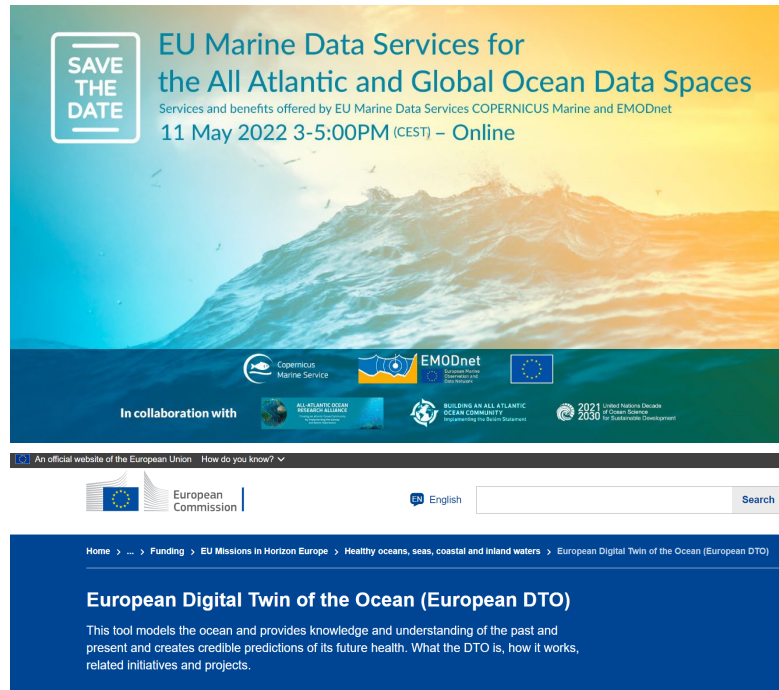


6th Coordination meeting minutes and presentations:

<https://webgate.ec.europa.eu/maritimeforum/en/node/7113>



EMODnet European Partnerships: Copernicus Marine Service



Key activities 2022: Upcoming

- **Marine data service interoperability for EU marine data space:** Mercator Ocean International (Copernicus Marine Service) and the EMODnet Central Portal (VLIZ, Secretariat) developing EU marine data service interoperability to strengthen core infrastructure underpinning the Digital Twin Ocean, marine contribution to Destination Earth, etc;
- **Joint satellite event of the UN Ocean Decade laboratory “accessible ocean”** “EU marine data services for the All Atlantic and Global Ocean Data Space” on 11 May 2022 co-organized by EMODnet and Copernicus Marine Service, in collaboration with AANCHOR, with support from EC;
- **Joint EMODnet and Copernicus Marine Service “coastal issues” workshop**, 22 September 2022, building on June 2020 meeting;
- **7th EMODnet – Copernicus Marine Service Coordination meeting**, including at least 0.5 day operational discussions across all EMODnet thematics, data ingestion and Copernicus Marine *in situ* Thematic Assembly Centre (INSTAC). Proposed back-to-back with next SC / TWG;
- **Collaboration for EMODnet Open Sea Lab III Hackathon**, Spring 2023.



EMODnet European Partnerships: User community

e.g., EMODnet for marine policy

«The collaboration between EMODnet Chemistry and EC JRC has led to a common database with harmonised beach litter data from 300 beaches across Europe. This is a key contribution to enable Member States to carry out marine litter assessments for the Marine Strategy Framework Descriptor 10, and as a direct input to develop the EU Single Use Plastics Directive ».
Georg Hanke, EC JRC



[Chemistry](#)

11 May 2021

EMODnet Chemistry: a point of reference for management of marine litter data in the context of the EU Marine Strategy Framework Directive

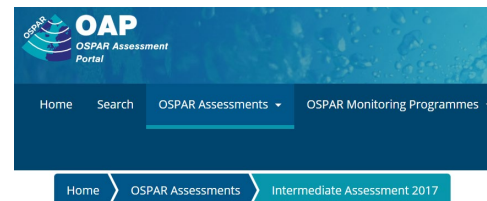
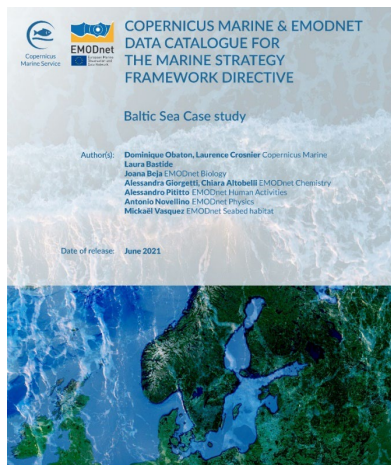
EMODnet Chemistry provided valuable contributions to the completion of a **Joint List of Litter Categories for Marine Macrolitter Monitoring** that includes the litter types occurring in the coastal and marine environment. The list can be used to enable comparable monitoring across the European Seas and beyond, as well as across different compartments of the marine environment.

EMODnet European Partnerships: Examples of other ongoing activities

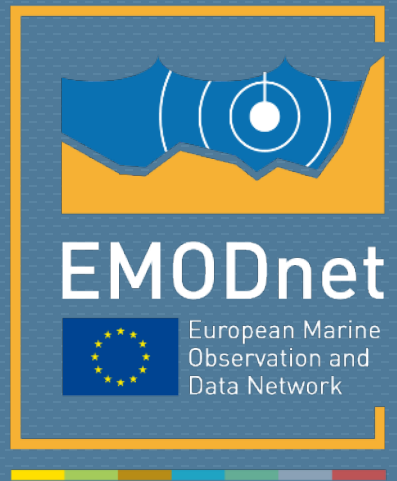


EMODnet is in regular and active dialogue with key actors across the European Marine Knowledge Value Chain, from ocean observation, marine monitoring and data collection efforts and implementers to marine data services and the diverse user community. This includes:

- EOOS community (including MRIs);
- Maritime Spatial Planning Technical Expert Groups & European MSP Platform;
- Marine Strategy Framework Directive Technical Working Groups e.g., marine litter;
- Birds and Habitats Directive;
- Regional Sea Conventions for EMODnet data use in regional assessments .g., UNEP-MAP Quality Status Report 2023, also OSPAR, HELCOM, Black Sea Commission;
- Co-organization of events e.g., EMD2022 EMODnet-H2020 EuroSea-H2020 Blue Cloud workshop.



Intermediate Assessment 2017



emodnet.ec.europa.eu

Your gateway to marine data in Europe

