



13th EMODnet Steering Committee Meeting
Autumn 2020
9-10 November

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Chemistry Thematic portal
<https://www.emodnet-chemistry.eu/>

Status update (focused on Chemistry Portal)

- Consolidation of the process to create **regional standardised, harmonized, validated data collections** for all European seas for Eutrophication and Ocean Acidification, Contaminants, Beach and Seafloor Litter;
- Expansion of the **number of data sets** to 1.066.000 CDI entries of which 900.000 in the European seas. Metadata enrichment;
- Expansion of the **pan-European marine litter databases** for beach litter, for seafloor litter and for floating micro-litter. EMODnet updated the collection of monitoring data by all EU Member States covering 2016 to 2020. Consolidation of the **on line tools** for litter data formatting, to the unified data model, and validation;
- Improvement of **users' friendliness** for EMODnet Chemistry viewing and downloading services, with new contents, a simplified layout and dedicated sections for marine litter, contaminants, ocean acidification and eutrophication. Extension of CDI interface to additional search criteria (as data quality, instrument and platform information).
- Development and customisation of the **WebODV** service to facilitate exploring, subsetting, visualizing, and extracting data sets from the harmonized, standardized, validated data collections.

Cross-Thematic Interactions

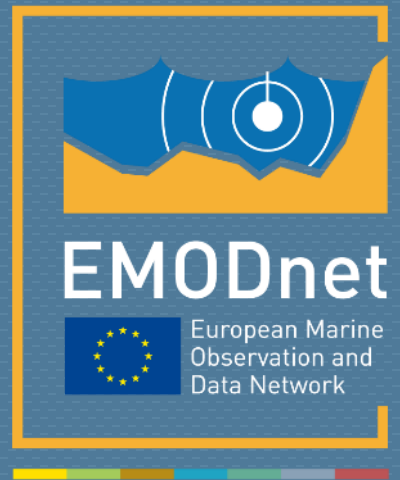
- Data to support Aquaculture sector. Evaluate scales of application and tune between thematic portals (Biology, chemistry and human activities)
- Coastal data, including rivers (Chemistry-Physics joint session could be organized during the EMODnet Jamboree 2021)
- Joint EMODnet-Copernicus portfolio for MSFD. The example with D5 can be extended to the other portals/descriptors

External interactions

- **EEA followed-up on the use of EMODnet Chemistry data** for three indicators i.e. Nutrients and Chlorophyll in TCM waters, and Hazardous substances in marine organisms (Release of harmonised, aggregated and validated data collections in June 2020 and July 2020, respectively).
- **MSFD TG-ML/JRC endorsed EMODnet Chemistry marine litter database system** for gathering beach litter data on a European scale, in **synergy with the RSCs and ICES**. A subset of data was used for the EU Beach Litter Baselines and Threshold values.
- **Meeting with Copernicus** for sharing oxygen, chlorophyll-a, and nutrients aggregated, validated and harmonized data collections and validation methods.
- Contribution to the **ocean oxygen data platform** (white paper and meetings to establish link and consistent data flow with Copernicus, GDACs and WOD)
- Evaluate how to contribute to the **to the SDG 14.3.1 data portal**
- Contribution to the **International data sharing workshop** (IOC-IODE) and **IWG-SODIS** (Data strategy and data management)

Future Outlook

- Plans for the remaining contract in terms of new data sets, data products, features, major activities, events etc
- Extend data collection to **monitoring marine micro-litter** data by all EU Member States , starting with surface water and evaluating other available data on beaches, in water column, sediment and biota;
- Development of **data collections and data products** for eutrophication, ocean acidification , contaminants and marine litter, after check with MSFD expert group
- Consolidation of **WebODV Extractor**, extension to contaminants and additional functionality
- Release of regular **newsletter**



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