



**EMODnet**



European Marine  
Observation and  
Data Network

# EMODnet Chemistry progress

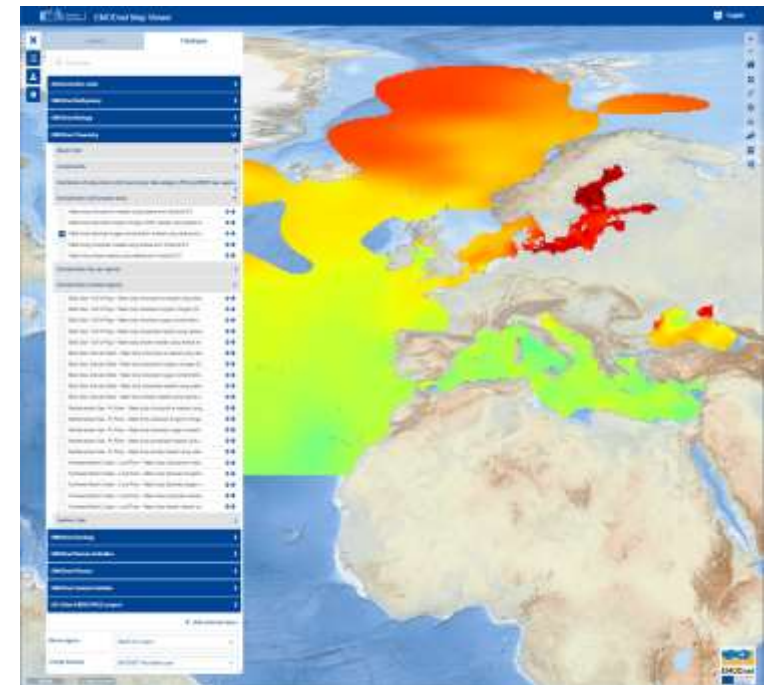
13<sup>th</sup> EMODnet Technical Working Group  
04-05 April 2023

Dick M.A. Schaap

Chemistry

# Chemistry progress

- Very good progress
  - In data gathering for Eutrophication, Contaminants, and Marine Litter (seafloor, beach, and micro litter)
  - Using harvested data collections for new aggregated and validated data collections
  - Preparing derived gridded DIVA maps for eutrophication, and maps for marine litter and contaminants data
- Current contract runs to October 2023 and will be continued



---

# Supporting MSFD implementation

- EMODnet Chemistry is regularly delivering specific **beach litter data** outputs for baselines/thresholds calculation (up to now on demand), followed by **seafloor litter** and **microlitter data**
- EMODnet Chemistry is established as the European data management network for Marine Litter, working closely with EU-JRC and TG-ML
- EMODnet Chemistry is proposed by EU-JRC to EU Member States also as the repository for MSFD data for D8 (Contaminants)
  - ⇒ High importance of providing accurate metadata and detailed information on methodological and QA/QC procedures – a lot of updated information is being collected by the datacenters
  - ⇒ New efforts are dedicated to manage **more chemicals**
- Several use cases with **Regional Sea Conventions (RSCs)**
- Also global cooperation such **UN Global Partnership on Marine Litter Digital Platform (GPML) and Global Marine Litter and Plastic Pollution Ontology peer review process**

---

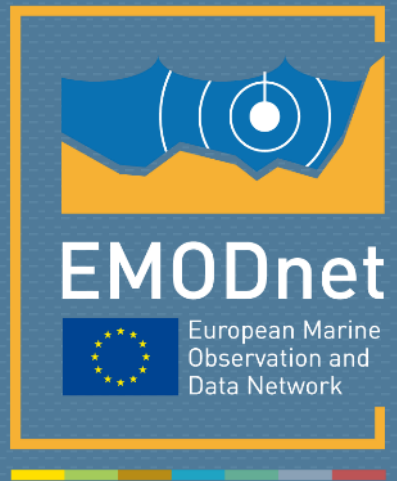
# Migration actions

- Chemistry narrative
- Transferring technical reports and guidelines to CP Reports catalogue
- SeaDataNet CDI service for chemistry data and WebODV service for exploring and extracting aggregated data collections for eutrophication and contaminants considered as external services; URLs amended
- Metadata entries updated and prepared for all Chemistry products, such as aggregated and validated data collections, DIVA gridded maps for eutrophication, Marine Litter maps, and Contaminants maps including new links for downloading and viewing
- All product metadata in Sextant and updated CSW service for harvesting by CP Products Catalogue
- Continuation of OGC services for map layers of Marine Litter, Contaminants, and CDI P36 locations
- Continuation and adaption of OGC services by OceanBrowser because of animations and including download options
- Lots of tuning with CP Team
- Lots of testing

---

## Remaining wishes

- Finding correct download formats from ERRDAP service for Chemistry products
  - Improving Get Feature dialogue for CDI data sets layer
  - Improving colour ranges and legend for DIVA gridded maps
  - Direct links from Product records to CP Map Viewer folders
- 
- Information about CP KPIs
  - Information about maintenance and new product placements



[emodnet.ec.europa.eu](http://emodnet.ec.europa.eu)

*Your gateway to marine data in Europe*

