



EMODnet-Copernicus Marine Service 8th Coordination meeting

EMODnet Ingestion

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EMODnet Ingestion | Workplan priorities

- Chasing for new data submissions from research, departments, NGOs, and industry and processing these for publishing and inclusion in European data infrastructures feeding EMODnet:
 - Network of EMODnet ambassadors making promotion and interacting with potential new data providers
 - Exchanges with SeaDataNet SEANOE service and Crown Estate Marine Data Exchange (underway)
 - Cooperation with EU projects, with EuroFleets+ as good example; organising a webinar and campaign early 2024
 - Several webinars organised together with EU and EMODnet Secretariat aiming at specific target groups, promoting open data sharing and explaining mechanisms
 - Targeting and supporting Citizen Science groups and initiatives to educate them how their data could be made better fit for purpose and ingested for use in EMODnet
 - Improving and documenting the availability of data as part of offshore licenses for renewable energy and aquaculture economic activities
 - Arrangement with EU JRC and TG ML that Member States are encouraged to use EMODnet Ingestion for submitting Marine Litter data sets which then are led to EMODnet Chemistry
- Current results: 1360 published data submissions from circa 200 data originators of which 630 elaborated to standards and included in SeaDataNet, EurOBIS, and other European data aggregators, underpinning EMODnet
- Migration to Central Portal → planning aiming for end March 2024

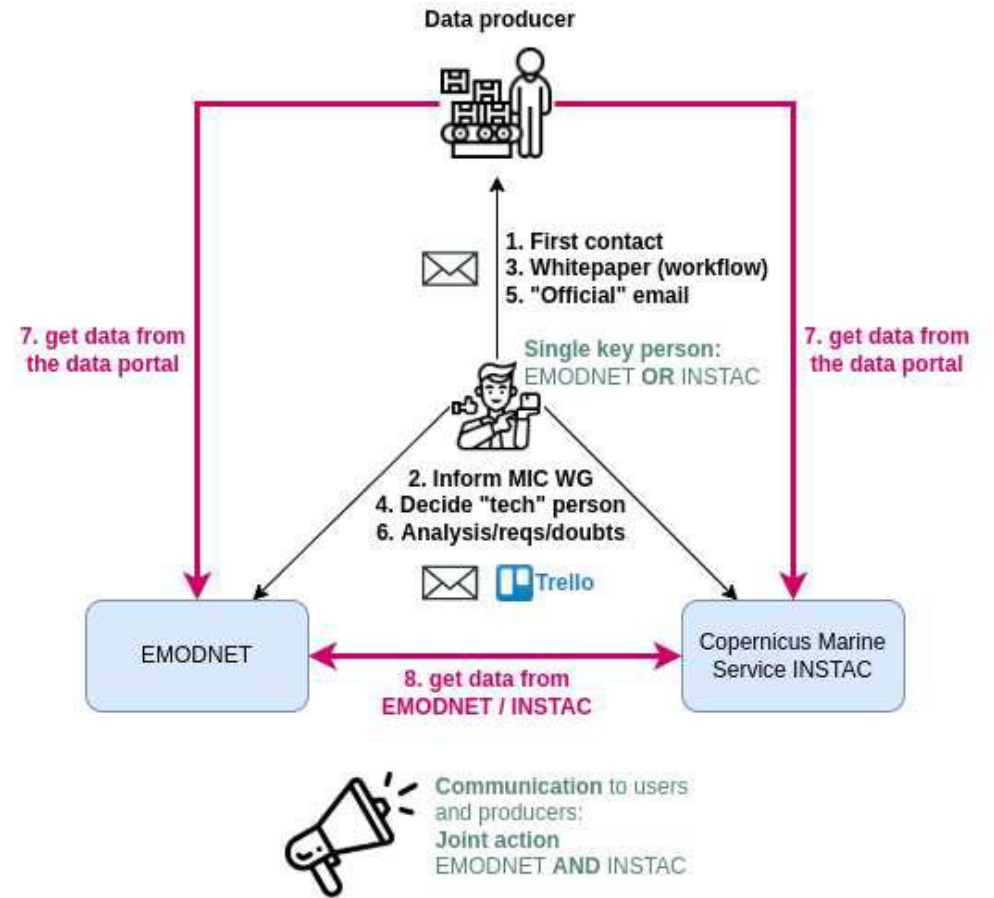
EMODnet X | *In situ* data flows

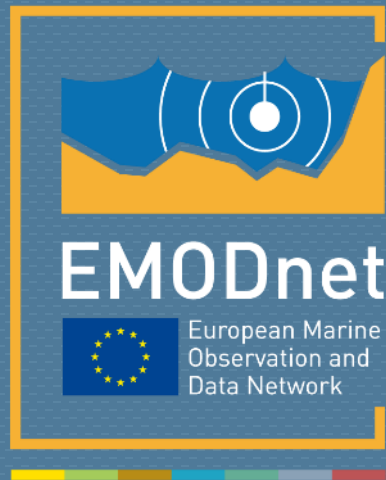
- Next to delayed mode data, EMODnet also targets real time (RT) and near real time (NRT) data flows from operational oceanographic platforms in cooperation with EMODnet Physics.
- EMODnet is very active in identification of new operators and/or new stations, joining and organizing workshops and other events, providing the necessary support to providers to establish (Near) Real Time ((N)RT) connectivity towards the European Infrastructures, and promoting common standards for structured exchange.
- Two distinct phases:
 - Phase 1: is the publishing in EMODnet Physics/ EMODnet Ingestion realtime dashboard of the submitted/identified operational data source “as is”
 - Phase 2: giving support for structural connectivity, adoption of standard formats and inclusion in the European Operational Oceanography data exchange with CMEMS INSTAC, EuroGOOS, and SeaDataNet
- For Phase 1, use of ERDDAP is promoted, following GOOS, to get fast publishing through the EMODnet dashboard
- Dashboard serves as shop window and helps to convince managements of data providers to spend more efforts on structural data sharing

EMODnet X | *In situ* data flows

- Since November 2021, the **Marine In situ Collaboration Technical Working Group (MIC TWG)**, bringing together key actors from EMODnet Ingestion, Physics, Chemistry, Copernicus Marine Service In Situ TAC, EuroGOOS office, EuroGOOS Task Teams, and SeaDataNet, for working together on the further harmonization of standards, procedures and workflows for ingesting and sharing operational data.

- **More details from EMODnet Physics in their presentation**





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