



EMODnet

 European Marine
Observation and
Data Network

EMODnet Bathymetry updates

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16th EMODnet Technical Working Group
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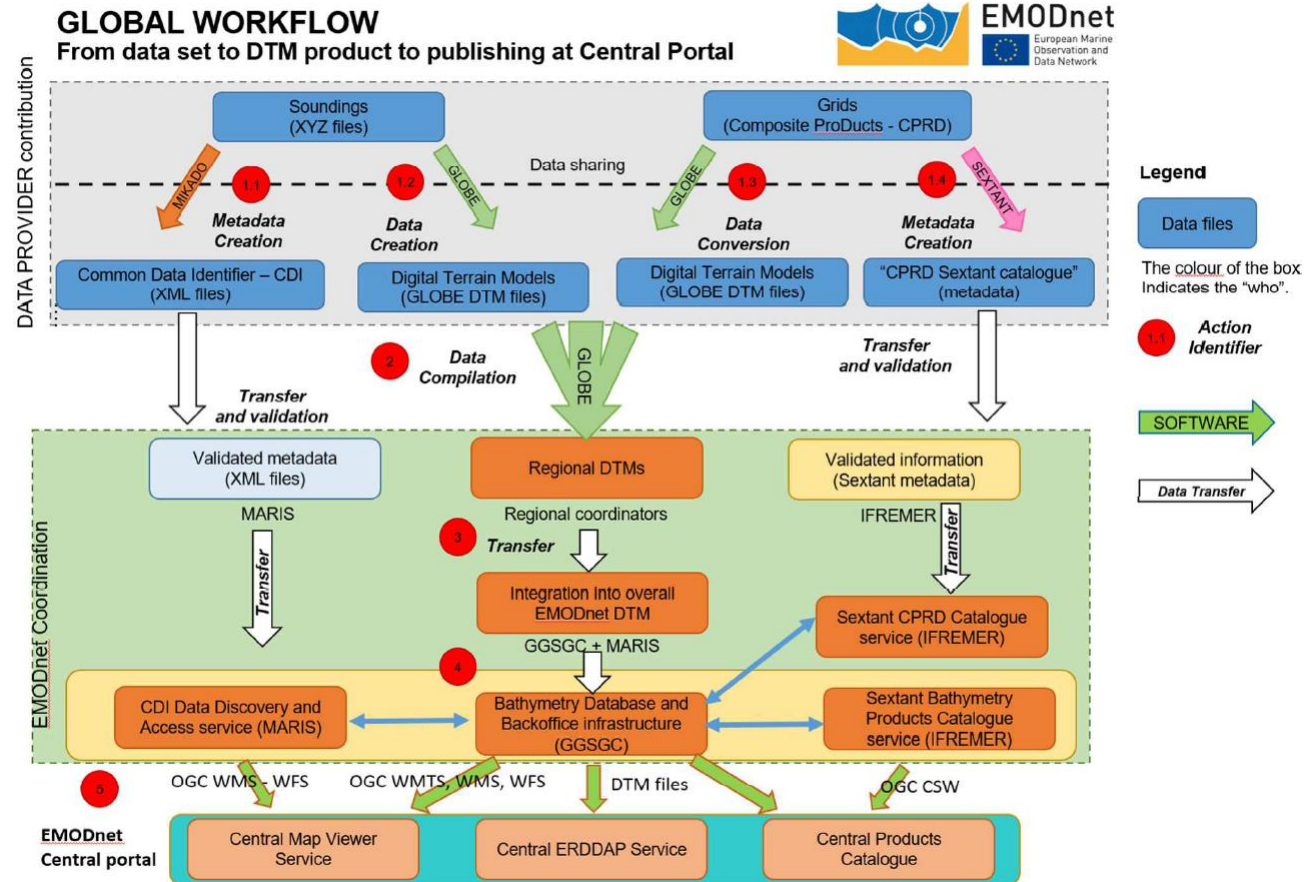
The European Marine Observation and Data Network (EMODnet) is financed by the European Union under Regulation (EU) 2021/1139 of the European Parliament and of the Council of 7 July 2021 establishing the European Maritime, Fisheries and Aquaculture Fund.

Agenda for EMODnet Bathymetry 2024 deliveries

- Current status: 43081 CDI entries, 294 CPRDs. Last released set of products version 2022 (released in April)

Way towards 2024 update:

- All regional DTMs have been generated and shared with the DTM integrator
- Final QC and Integration of all Regional DTMs is underway
- Once done, checks on all CDI and CPRD relations
- Running different DTM formats plus version on MSL from LAT
- Generation of updated Quality Index
- 2-3 Dec 2024: Plenary meeting consortium
- Early 2025: Publication of the new products on the portal (Full DTM, HR DTMS, Coastline product, Inventory of official coastlines)



JIRA tickets + other actions

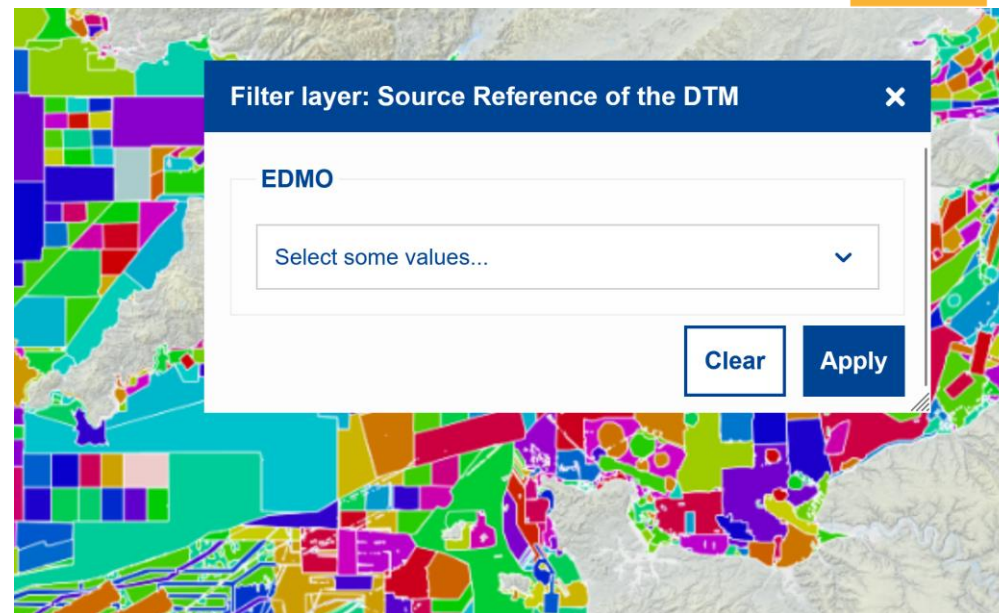


Priority issue / challenge	Status (Pending/ Resolved)	Action(s) taken / remaining actions planned	Date due	Date resolved
EM972 - GEBCO 2022 error affecting EUSeaMap (via EMODnet DTM)	pending	Report to GEBCO community – Awaiting for next EMODnet release	Next update	
EM958 - TWG 15 - convert HR-DTM to NetCDF	pending	Checking the delivery of HR-DTM in netcdf. Note that new HR-DTMs are currently being provided by our partners		
EM1006 - Bathymetry to review the guidelines document on metadata harmonization	done	Document reviewed + recommendation	8/10/2024	4/10/2024

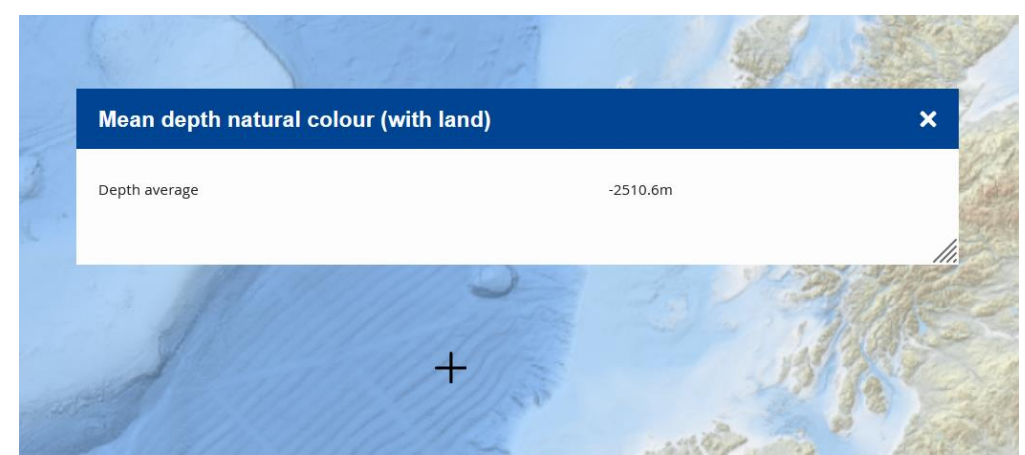
- Bathymetry narrative was updated and the edits were published with help of the EMODnet secretariate
- PANGAEA: German member of the Bathymetry consortium has reviewed all PANGAEA bathymetry CDIs after meeting of Bathymetry core team with PANGAEA. Also new CDI entries produced and added.
- FUGRO: 1st delivery made by Fugro with data outside countries' EEZ through EMODnet Ingestion (XML and format agreed). Shom as thematic expert (on EMODnet Ingestion) has done validation. More to follow
- GEBCO – SeaBed 2030:
 - on-going discussion to help preventing redundancy as part of the gathering of bathymetric data. Aim to achieve that EMODnet Bathymetry is recognised as European regional mapping center for Seabed 2030
 - Series of workshops held within GEBCO via EMODnet partners which chair GEBCO Technical Sub Committee for Ocean Mapping (TSCOM) and chair TSCOM metadata working group. Concrete plans for GEBCO to adopt the EMODnet Bathymetry metadata approach.
- EDITO-Infra: small subcontract for EMODnet Bathymetry member with VLIZ to check and complete the product level metadata required to connect the EMODnet bathymetry product and services to the EDITO data lake.

Remaining wishes

- Adding bathymetry format to ERDDAP service (Geotiff) and leave out unsuitable formats
- Improving Get Feature dialogue for source reference layer: being able to distinct between CDI (surveys) and Sextant (Composite DTMs)
- Improving Get Feature dialogue for survey data sets layer: no horizontal browsing, less columns, converting column-names to meaningful names
- Improving depth information from map click: more info available such as depth stats and source reference
- Direct links from Product records to CP Map Viewer folders
- Publish entries from EMODnet Dataproduct Catalogue in full pages, only printing completed metadata, so that users can browse and oversee



n_code	dataname
52239	Marine Institute research cruise CE14005 sea surface hydrography and meteorolo
52156	Marine Institute research cruise CE0805 sea surface hydrography and meteorolog
75353	KJ05_SAMS3_MB_GRD
08251	jr99
95994	KN166L13





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