

EMODnet Bathymetry

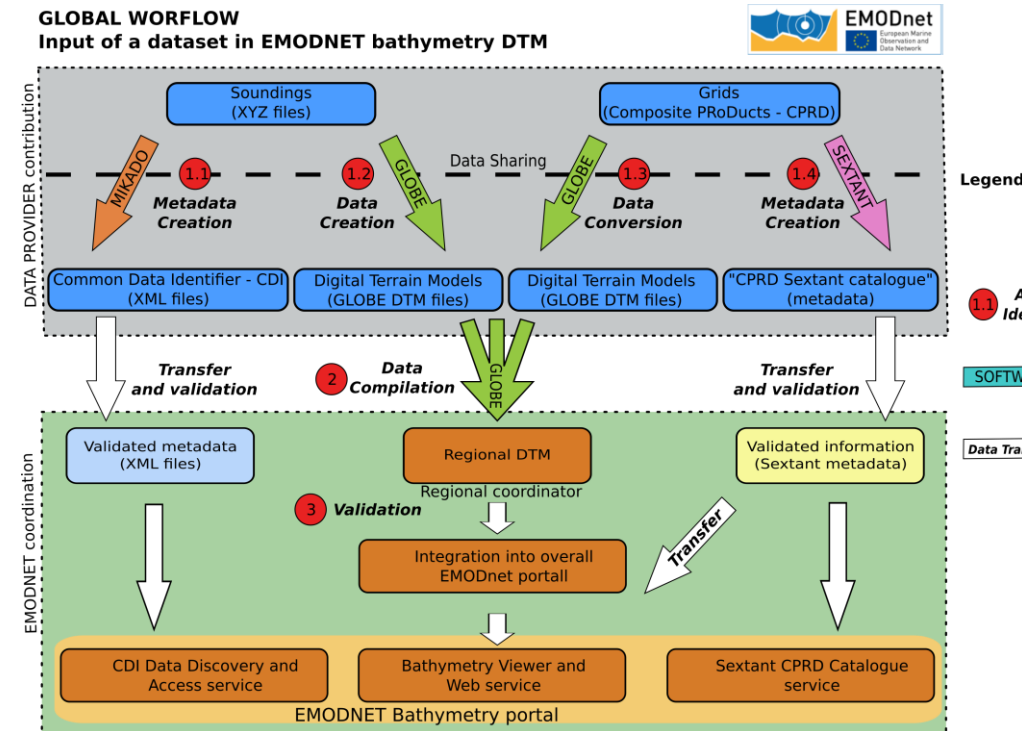
15th EMODnet Steering Committee Meeting
8-9 September 2021

Schmitt Thierry
Schaap Dick

Indicate which Thematic portal
URL

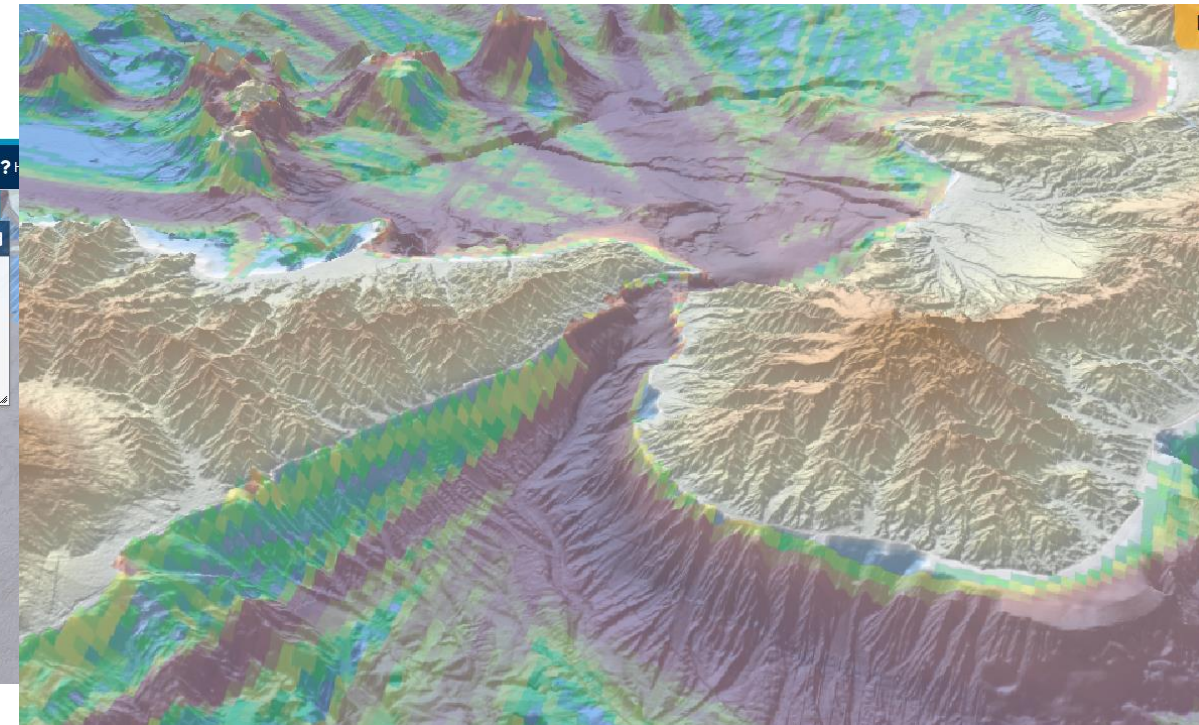
Status update

- Successful EMODnet Bathymetry 2018-2020
- EMODnet Bathymetry 2020-2022 awarded and signed (12/2020) + renewing of the consortium agreement
- Kick off (7-9/04/21) - Metadata Workshop
- Current progression on metadata population (new survey) + migration towards CC-BY licenses (from data providers)
- Globe Workshop (6/09/2021)
- Progress on the migration from EMODnet Bathy portal to central portal: Monthly meeting, with prioritization of services to be implemented, knowledge sharing (code) and first prototypes



Cross-Thematic Interactions

- OGC WMTS service + Details at: <https://tiles.emodnet-bathymetry.eu/> - background layer (central portal)
- Frequent interactions with Seabed Habitat (essentially through EMOD-PACE)
- Prospecting on the relation between EMODnet Bathymetry Quality layers vs. Marine traffic pressure (student work)
- Participation in one of the Digital Twin of the Ocean proposal



External interactions

- Numerous interactions with IHO / GEBCO / Seabed 2030
 - regional commissions – Baltic , North Sea
 - IENWG
 - Crowd-sourcing working group
 - Technical collaboration with Seabed 2030 / Presentation at the EMODNet Conference
- EMOD-PACE:
 - WP2 (metadata and data sharing)
 - WP4 (Advices relative to bathymetry compilation)
- CMEMS:
 - Sharing views on CMEMS strategy on coastal bathymetry mapping (estimated from multispectral, radar satellites): Requesting a meeting with EMODnet Bathy and CMEMS main actors on the coastal bathymetry mapping.
 - Note call for expression of interest ECCET/JRC: GLOBAL CHARACTERISATION OF COASTAL ZONES FOR CLIMATE CHANGE IMPACT MODELLING

Future Outlook

- Progress on the update of the full DTM and HRDTM

- New metadata and data (now)
- Bathymetric data sampling (till end 21)
- Compilation at regional level (summer 22)
- Global compilation (release end of 22)

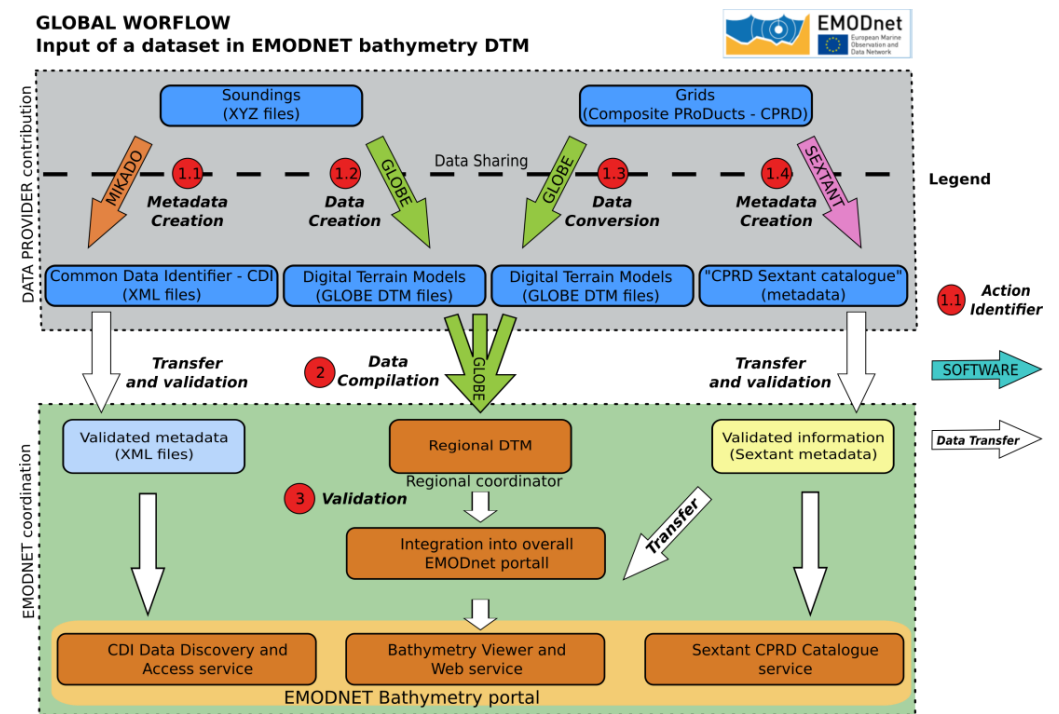
- Continuously investigating/improving technologies / method (Satellite derived bathymetry Sentinel-2, IceSat-2, collaborative DTM defaults inventory/remediation).

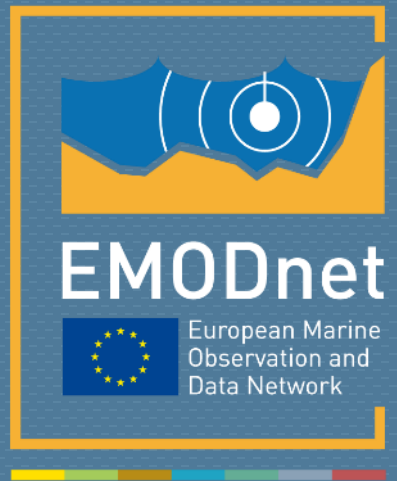
- Portal Migration:

- Continuation of implementation of existing EMODnet Bathy services
- Acceptance tests

- Events to come:

- Participation at the Meso-American Marine Spatial Data Infrastructure WG (22/09)
- Ocean Hackathon (Brest) 6-7/11/2021





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