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IENWG 3

Feedback from EMODnet-Bathymetry

IENWG 3 09/06/2015

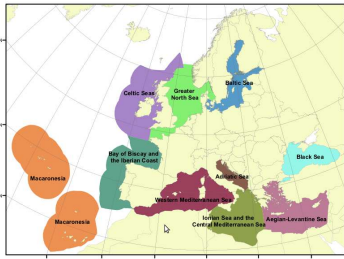
EMODNET-Bathymetry : objectives


- EU (DG MARE) : service contracts for creating pilot components of EMODNET
- EMODNET : To migrate fragmented and inaccessible marine data into interoperable, continuous and publicly available data streams for complete maritime basins
- Pilot components : To define processes, best technology and approximate costs of a final EMODNET
- Hydrography portal : one of the portals developed as part of the preparatory actions

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EMODNET-Bathymetry : partnerships

- EMODNET-Hydrography :
7 partners – 2 HOs
2 associated partners
3 basins
- EMODNET-Seabed Mapping
10 partners – 2 HOs
3 associated partners – 1 HO
7 basins
- EMODNET-Bathymetry :
16 partners – 6 HOs
8 associated partners – 3 HOs
10 basins

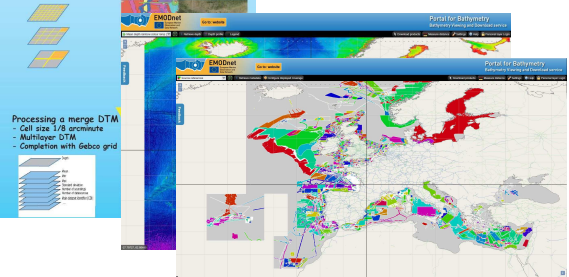


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EMODNET-Bathymetry : methodology & results


Standardized data model : all datasets are pre-gridded with the most appropriate resolution.

- Predefined regular rectangular grids with common origin
- Unique hierarchy of resolution
- Source dataset identifiers
- Multi layer grids to transport statistical information

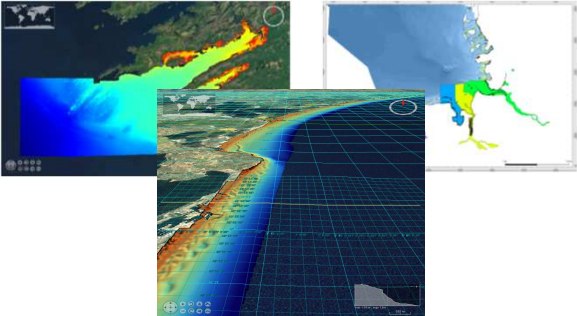



Processing a merge DTM

- Cell size 1/8 arcminute
- Multi-layer DTM
- Completion with Gebco grid

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Integration of HR DTMs as part of EMODNET-Bathymetry (prototype)



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EMODNET-Bathymetry : feedback

- Important consortium in place
- Based on the Common Data Index (MARIS)
- Operational product portal (GGSGc)
- Reflexion on data merging in respect of property rights
- DTM quality not assessed as well

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