

EMODnet High Resolution Seabed Mapping

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Schmitt Thierry

SHOM,
thierry.schmitt@shom.fr



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Global objectives



- Common method to access data from surveys
- Multi-resolution Digital Terrain Model of the seabed
- Standard coastline and baseline data
- Web portal allowing easy access of the data and data products
- Interoperability (INSPIRE) and with organisations from outside EU
- Support to users and to the overall EMODnet community (secretariat, other themes)
- 3rd phase. Initiated in 2009.



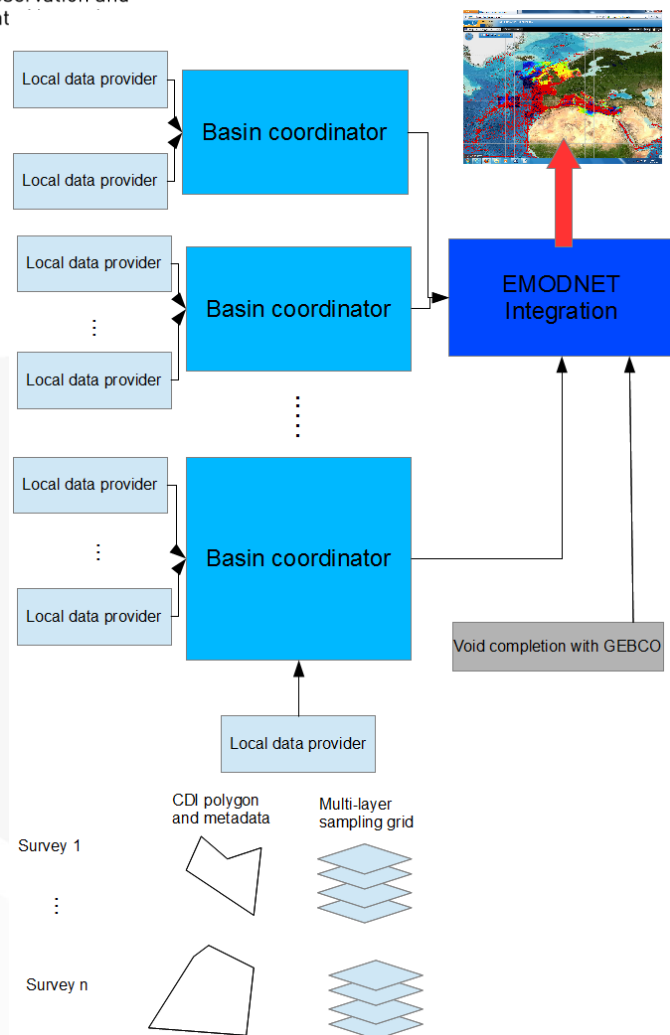


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Data

EMODNet bathymetry spirit: distributed roles



- Unified method and tools for data and metadata production
- Distributed role, from the local data provider, to the integration to the portal
- Distributed infrastructure (opposite to a central portal)
- Data diffusion is managed at the data provider level, with respect to his own data policy.

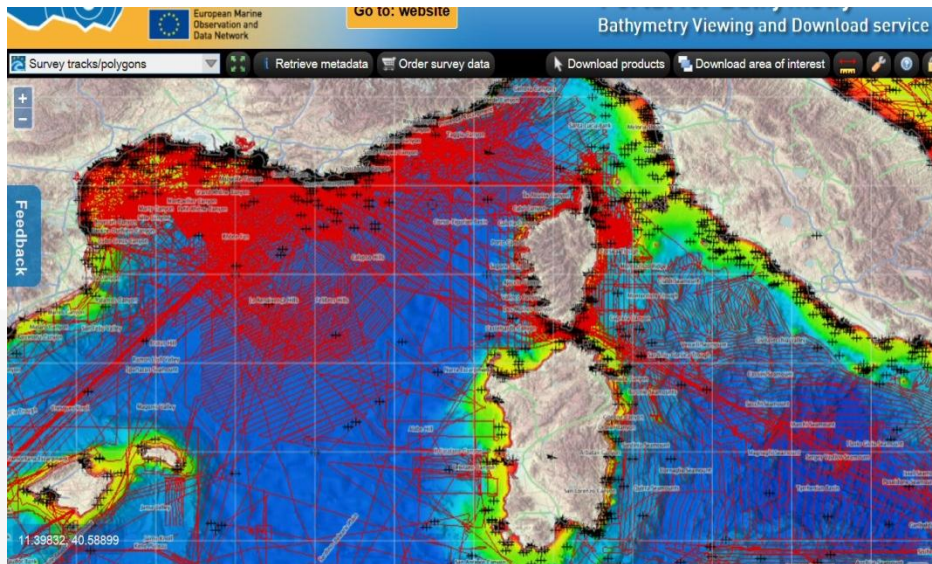




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Existing Emodnet Bathymetry



- Ongoing since 2009, with one release at 500m, 250m (current version)
- Portal allows access and download of the DTM product
- Portals allows discovery of source data and connection with the data owner



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EMODNET -3 Consortium

- 41 collaborating organisations
- Kick-off meeting held end of March 2017





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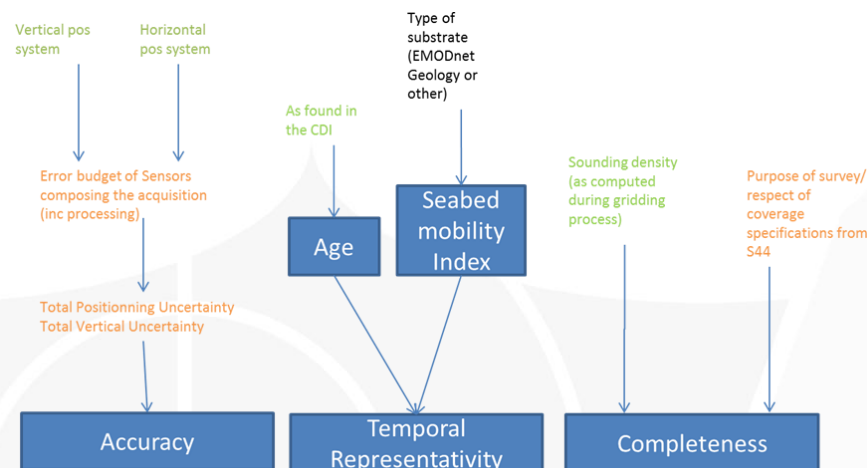
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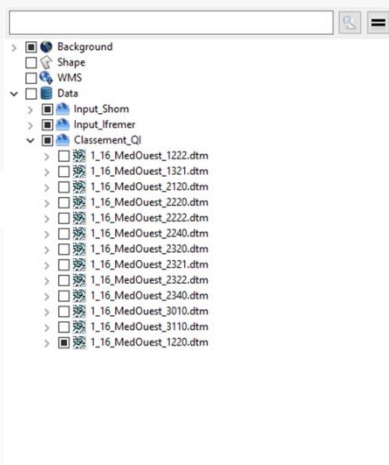
Data and metadata collection Processing and DTM production

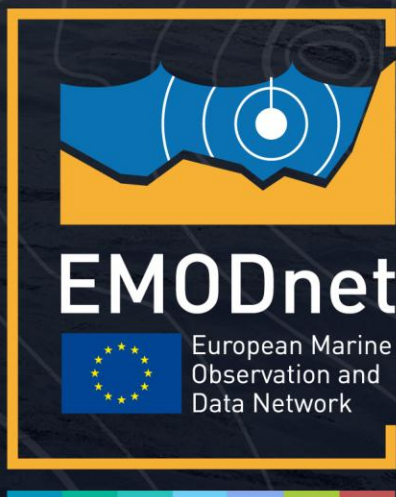
Definition of a new quality indicator based on:

- Age of dataset
- Horizontal and vertical precision
- Purpose of the survey



- ⇒ Implemented within data production tools (CDI and CPRD catalogues)
- ⇒ Globe processing software upgraded
- ⇒ **All data providers are now preparing and populating updated and new metadata and associated datasets**





www.emodnet.eu

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