EMODnet Bathymetry
Activities update and prospective progress on data

17th EMODnet Steering Committee
7-8 November 2022

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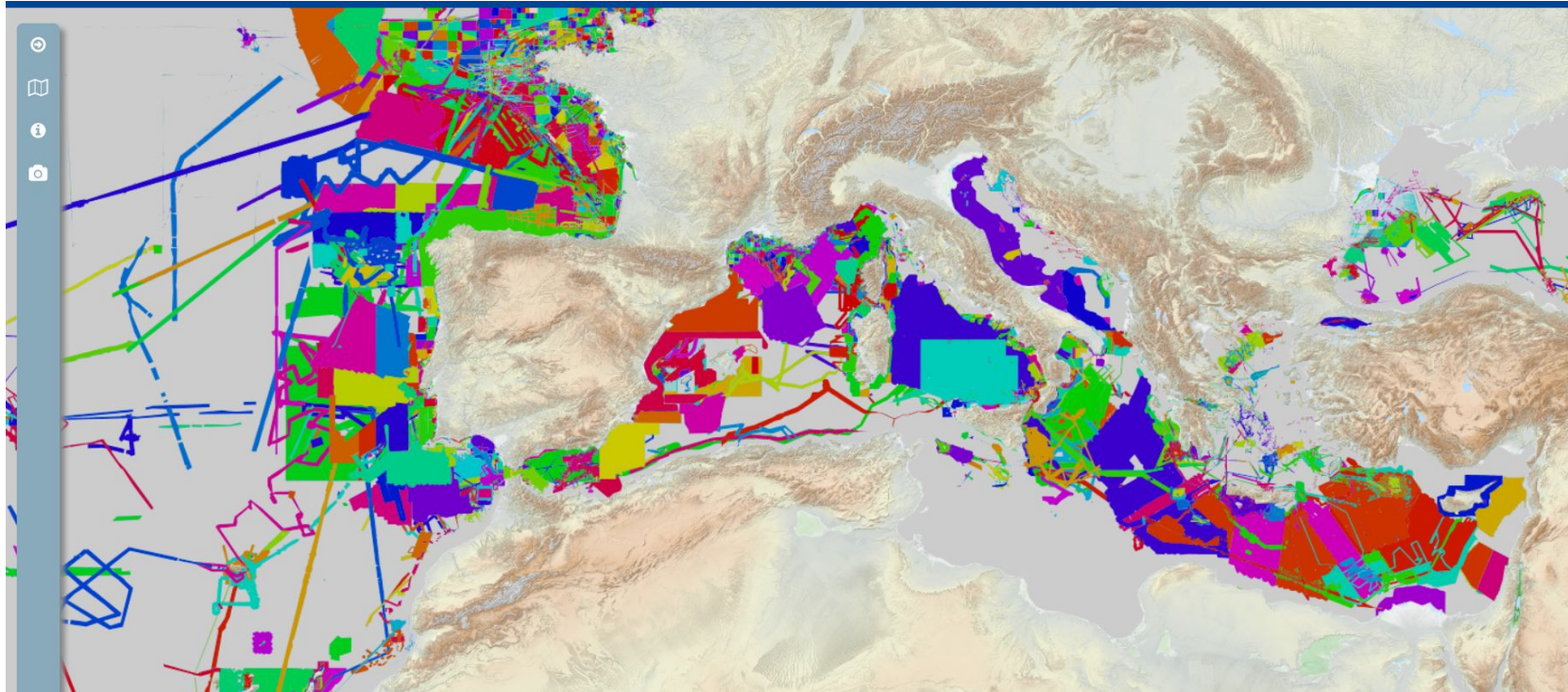# Project Progress: Overview of Deliverables and Milestones (to do/pending/done)

Deliverable	Status	Milestone
D2.1: Upgraded guidelines for data pre-processing and population of metadata	Delivered	M4
D2.2i: Training Workshop for data pre-processing and metadata population	Delivered	M4
D2.3: Pre-processed survey data sets and included in CDI Service	Delivered	M15
D2.4: Pre-processed composite DTMs and included in Sextant service	Delivered	M12
D2.5: Satellite Derived Bathymetry data sets and included in Sextant Service	Delivered	M12
D3.1: Upgraded guideline of EMODnet methodology for DTM production, including using prototype CVE	Delivered	M12
D3.2i: Upgraded Globe software + new functionalities	Delivered	M9
D3.3i: Training and intercalibration Workshop	Delivered	M11
D3.4i: Processed and pre-gridded data sets as input for RDTMs	Delivered	M15
D3.5i: Regional DTMs with common resolution of 1/16 arc minutes grid	Delivered	M18
D4.1 and D4.2 Standard machine-to-machine services delivered for common and specific functionalities	Delivered	M6
D4.3 Common Virtual Environment tools and methodology (RDTM reviewing facitities)	Delivered	M14

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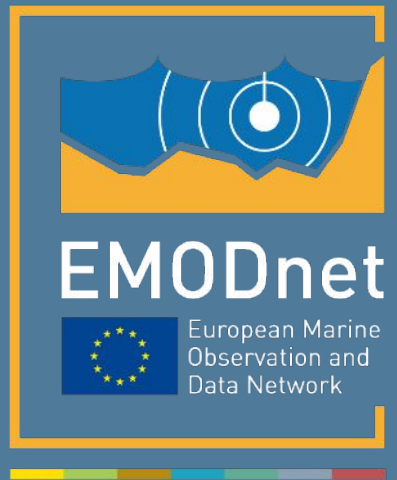# Project Progress: Overview of Deliverables and Milestones (to do/pending/done)

- Provide an overview of project Deliverables and Milestones, in a GANTT chart or in table by using colour codes

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D3.7: New EMODnet DTM incl Quality Index and loaded in EMODnet web services for viewing and downloading	M23	To do
D3.8: HR-DTMs loaded as separate layer in EMODnet web services for viewing and downloading	M23	To do
D3.9: Source reference layer to link to CDI and Sextant Catalogue services	M23	To do
D3.10: Refined best-estimate European digital coastlines for a range of vertical levels at the portal	M22	Well underway
D3.11: Updated Inventory of existing and ratified baselines and registered claims / disputes under UNCLOS, for European countries at the portal	M20	Draft report under review
D3.12: Tidal bathymetry for Venice Lagoon	M23	Underway
D1 Reporting (inc. Quarterly, interim and final reports, service continuity docs)	M24	Continuously
D5.1:Helpdesk	M24	Continuously
D5.3 and D5.4 Promotions	M24	Continuously

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Progress on data and geographic coverage

- Known existing data from countries outside of the EU -> seeking diplomatic support/strategy

- Some deep sea waters are poorly considered and have not been the object of systematic survey -> suggest that EU science funded project are getting "archived" through EMODnet.

- Temporal component of the bathymetric information needs to be taken into account (especially in coastal waters) -> technical visualisation solution (where overlapping data exists), estimate the bathymetry satellite informations – where possible (cf EMODnet Bathy/Copernicus Marine ongoing discussions).

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