

Update from EMODnet Geology – Presented as a recording

18th EMODnet Steering Committee
23 May 2023

Henry Vallius – GTK – Geology

henry.vallius@gtk.fi

Project Progress: Overview of Deliverables and Milestones

- Overview of project Deliverables and Milestones, in a GANTT chart

	Months																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Progress reports			D1.1			D1.2			D1.3			D1.4			D1.5			D1.6			D1.7			D1.8
Deliverables 2												D2.1												D2.2
Deliverables 3						D3.1																		D3.2
Milestones						M1						M2	M3											
D1.1-D1.8: Progress reports; D2.1 Interim report, D2.2: Final report; D3.1: Thematic data products/maps updated on Central portal, D3.2: Final data products/maps available																								
M1: Thematic data products updated T0+6 months; M2: Data specification and sourcing ready; M3: Interim report and evaluation of progress;																								
* phased out upon request from the Contracting Authority (websites will be maintained until specific notification and guidance will be provided)																								

- Present progress against the planned Deliverables and Milestones

Our work has proceeded such that data were identified during the first year, submission to WP's started mainly in second half of the first project year, but majority of data have been submitted during first part of the second year.

We estimate that we will receive at least 1.350.000 square kilometres of data + 2.700.000 km² in one single Caribbean Sea substrate map during the second project year, as well as almost 34.400 kilometres of line data and over 3.000 point-data to the different work packages.

In October 2022 the total amount of new and updated data to be added during second project year was by partners estimated to over 1.000.000 km², perhaps as much as 1.200.000 additional square kilometres, which is now clearly fulfilled. Or in fact multiplied due to the new Caribbean Sea full coverage seabed substrate map. Also, the amount of line kilometres and data points multiplied from the first estimates (11.000 km's and a few hundred point data).

We are still working on the data products, especially the Caribbean Sea and Caspian Sea data, which are being included in the data products by the end of the project (September 2023).

More about this on next slide - - >

Progress on data and geographic coverage (2')

HIGH LEVEL overview with respect to our thematic - significant progress made since last SC

Data deliveries to the different WP's will exceed the amount estimated by 17th SC by at least 100%

We have a new subcontractor in Azerbaijan (CLLLC) who is working hard with data deliveries

At least one Caribbean Sea full coverage map will be on the portal by end of second year (seabed substrate)

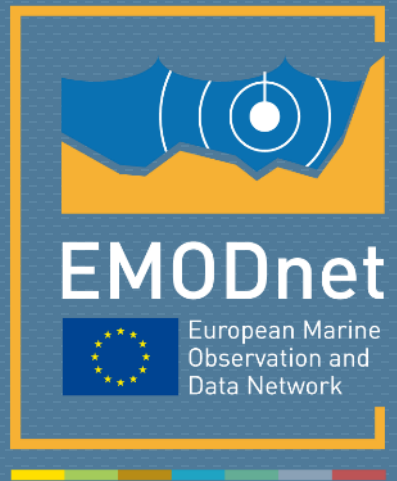
Contacts indicate that our data is widely used by offshore renewable energy sector

- Questions to guide the structure:

- What data is still missing
- There are not very much available data on erosion, and what is available is very heterogeneous. We have found out that is difficult to report harmonized seabed erosion range. We have collected available information on erosion and we are for the moment evaluating the data types.
- Major gaps: Data with high resolution is still scarce, which can be considered a major gap.
- Overview of why we can't access missing data for unlocking via EMODnet:
 - Geopolitical reasons hinder data access in Russia and parts of the Caspian Sea.
 - Unlocking privately owned data for instance from the offshore renewable energy sector can be seen as a problem
- What can we do more to ensure these are ingested/opened
 - EU/National legislative measures to direct such data after a period of competitive restriction to be ingested to EMODnet

Priority actions for next six months (2')

- EMODnet Geology contract ends on 24. September
- In June we will submit our substrate map to EMODnet Seabed Habitats lot.
- By the end of the contract we finalize all our data products and upload them to EMODnet Map Viewer,
- Project meeting in Torshavn, Faroe Islands with 60 delegates attending on site 23-25.5.2023.
- Meeting with Caribbean Sea geological survey's delegates



emodnet.ec.europa.eu

Your gateway to marine data in Europe

