



EMODnet



European Marine
Observation and
Data Network

EMODnet Thematic Lot n°7 – Human Activities

EASME/EMFF/2019/1.3.1.9/Lot 7/SI2.835999

Start date of the project: 03/03/2021 (24 months)

Centralisation Phase

Quarterly Progress Report (21)

Reporting Period: 01/04/2022 – 30/06/2022



Contents

1. Highlights in this quarter	3
2. Identified issues: status and actions taken.....	5
3. User feedback.....	6
4. Meetings/events held/attended & planned.....	9
5. Communication assets	11
6. Monitoring indicators.....	14
7. Annex: Other documentation attached	16

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1. Highlights in this quarter

Task 1: Maintain and improve a common method of access to data held in repositories

Updated data sets:

- Nationally designated areas (CDDA)
- Natura 2000 areas
- State of bathing waters
- Offshore installation
- Maritime boundaries
- Dumped munitions (points and polygons)
- Maritime Spatial Planning
-

Task 2: Construct products from one or more data sources that provide users with information about the distribution and quality of parameters in time and space

Vessel density maps updated to 2021.

Route density maps updated to June 2022

Task 3: Develop procedures for machine-to-machine connections to data and data products

Task 4: Contribute data, data products and content to a central portal that allows users to find, view and download data and data products

Centralisation almost completed. The only pending issue in terms of data concerns the conversion of vessel density maps from GeoTIFF to NetCDF.

Task 5: Contribute content to dedicated spaces in the Central Portal

Nothing to report

Task 6: Ensure the involvement of Regional Sea Conventions

Nothing to report

Task 7: Contribute to the implementation of EU legislation and broader initiative for open data

Dialogue continues with the MSP community through the involvement of EMODnet HA in sector events.

Task 8: Monitoring quality / performance and deal with user feedback

Share of industry users plummeted during the quarter, with no apparent explanation. It is equally true that the total number of users and visits is line with the seasonal trend.

Task 9: Maintain the existing thematic web portal for a maximum of six months from the start of the project

Centralisation almost completed.

Status of the Milestones and Deliverables listed in the workplan					
Milestone/Deliverable in numerical order	WP	Date due	Status (To do/ Delivered/ Delayed)	Date delivered	If Delayed: reason for delay and expected delivery date
e.g. M1: xxx	WP1	Dd/mm/yyyy	Delivered	Dd/mm/yyyy	...
e.g. D1.1: xxx	WP1	Dd/mm/yyyy	Delayed		...

E.g. EMODnet Human Activities work plan is not structured around milestones, as the project is managed as an iterative and incremental process.

2. Identified issues: status and actions taken

A. Priority issue(s) identified and communicated by CINEA/ DG MARE/ SECRETARIAT				
Priority issue	Status (Pending/ Resolved)	Action(s) taken/ remaining actions planned	Date due	Date resolved
Converting vessel density maps from GeoTIFF to NetCDF	Pending	Conversion is technically feasible but the initial approach envisaged a change in the coordinate reference system from Lambert Azimuthal Equal Area to WGS84. This would create issues to users who have downloaded data in the past, making it incomparable. Therefore it has been decided to reconvert the maps again and keep Lambert as the coordinate reference system.	Before centralisation	

B. Issues / challenges identified by the thematic assembly group itself				
Priority issue / challenge	Status (Pending/ Resolved)	Action(s) taken / remaining actions planned	Date due	Date resolved
Difficulties to obtain data on aquaculture establishments from the Finnish Authorities, who consider that geographical coordinates are personal data and therefore require some legal basis for EMODNet to be allowed to publish this data	Pending	<ul style="list-style-type: none"> - Several emails were exchanged with the Finnish authorities Discussion is ongoing with DG MARE to find the legal basis to address the Finnish authorities concern		

3. User feedback

Overview of user feedback and/or requests received in this quarter							
Date	Organisation	Type of user feedback (e.g. technical, case study, etc.) and short description of the feedback received	Means of contact	Response time	Status of user query (Resolved/ Pending)	Measures taken to resolve the query	Status: if not (yet) resolved/ pending, explain reason why and expected timeline
04/04/2022	Individual	Technical: user asked about vessel density sources	E-mail	Same day	Resolved	Redirected user to metadata page	
08/04/2022	Individual	Technical: user asked why wind farm data are available both as polygons and as points	E-mail	Same day	Resolved	Explained that polygons are the preferred format, but when these are not available farms are shown as points	
15/04/2022	Individual	Technical: user asked how to locate wind farms around an area	E-mail	Same day	Resolved	Explained how to do it	
19/04/2022	Individual	Technical: user asked about how to use WMS/WFS	E-mail	Same day	Resolved	Explained how to do it	
22/04/22	Individual	Technical: user asked how to download marine boundaries data	E-mail	Same day	Resolved	Explained how to do it	

25/04/2022	Individual	Technical: user asked about an API to obtain vessel density data	E-mail	Same day	Resolved	Explained that no API is currently available and recommended using WCS	
04/05/2022	Individual	Technical: user asked when vessel density data for November 2021 would be available	E-mail	Same day	Resolved	Explained that the data would have been made available in few weeks	
06/05/2022	Individual	Technical: user asked how to symbolize vessel density rasters	E-mail	Same day	Resolved	Explained how to do it	
08/06/2022	Individual	Technical: user asked how to symbolize vessel density rasters	E-mail	Same day	Resolved	Explained how to do it	
09/06/2022	Individual	Technical: user asked clarification on vessel density method to replicate the exercise in Korea	E-mail	Same day	Resolved	Clarified	
10/06/2022	Individual	Data: user asked why some countries are missing in the MSP data set	E-mail	Same day	Resolved	Explained that data are not obtained automatically, and so the fact that a Member State has adopted a plan doesn't imply that this can be made available	

						immediately on EMODnet HA	
11/06/2022	Individual	Data: user asked whether data from India are available	E-mail	Same day	Resolved	Explained that the project has an EU focus	
20/06/2022	Individual	Technical: user asked how do download cable data	E-mail	Same day	Resolved	Explained how to do it	
21/06/2022	Individual	Copyright: user asked whether links to the portal could be disseminated	E-mail	Same day	Resolved	Redirected user to the data policy page and explained that EMODnet data is (generally) free and free of restrictions to use	

4. Meetings/events held/attended & planned

A. Meetings/events organised and attended in the quarter					
Date	Location	Type event (internal or external meeting; training/ workshop)	Was a presentation given? (yes/no + short description)	Meeting attended (A) / organised (O)	Short description and main results (# participants, agreements made, etc.)
14-15/06/2022	Participation in the “Planning for the future of Europe’s Marine Space – MSP Stakeholder Conference”	Conference	No	A	<p>Networking with key stakeholders and Management Authorities related and in charge of the MSP. The European MSP Stakeholder Conference - Planning for the future of Europe’s Marine Space - took place on 14-15 of June in Brest, France. The conference was split in to two halves, on the first day, the event focused on the achievements of Marine Spatial Planning in the EU since the adoption of the MSP Directive in 2014, the challenges encountered in the implementation of MSP and the lessons learnt. The second day focused on the future of MSP until 2030, how the next generation of Plans can respond to climate change, the importance of MSP as an enabler for renewable energy and to meet the goal of 30% for Marine Protected Areas as designated by the EU Biodiversity Strategy.</p> <p>The event attracted more than 450 participants in person and online, from different countries,</p>

					and sectors: local and national representatives, European Commission, academics, maritime industries, NGOs, members of the AM MSP team. Importantly, this event marked the first occasion that the European MSP Community could come together since the Global Pandemic
17/06/2022	Remote meeting	Call conference	No	A	Meeting with the Agência Nacional do Petróleo, Gás Natural e Biocombustíveis (Brazil) to discuss the feasibility of ingesting data on oil and gas from Brazil
SUM				O	Total # of meetings organised = 0
SUM				A	Total # of meetings attended = 2

B. Meetings/events planned in the future				
Date	Location	Type event (meeting, training (workshop), etc.)	Meeting to be attended (A) / organised (O)	Short description and main expected outcomes

5. Communication assets

A. Communication products developed				
Date	Communication material	Short description (of the material, title, ...) of the asset	Main results	Name of event at which material was disseminated (if applicable)

B. Planned communication products			
Date	Communication material	Short description (of the material, title, ...) and/or link to the asset	Main results expected
	Blog post	Blog post titled "Understanding ocean energy and its potential for development in Europe"	Increase visibility of EMODnet HA

[In Table A, list peer reviewed publications directly (co-)authored by consortium and project partners in the reporting period. In Table B, list all non-peer reviewed publications (co-)authored. In all cases, indicate the type of publication, provide the full reference incl. title, volume and issue etc., and whether the publication is open or closed access.]

A. (Co-)Authored peer-reviewed publications in the quarter					
Date of publication	Type of publication	Full reference	ISBN	DOI	Is it open access? Yes/No
	e.g. paper; conference proceedings; book chapter; ...				

B. Other/non-peer reviewed types of publications (co-)authored in the quarter					
Date of publication	Type of publication	Full reference	ISBN	DOI	Is it open access? Yes/No
	e.g. paper; conference proceedings; book chapter; ...				

For a compressive overview of publications referring to/making use of EMODnet data and/or data products, please consult Google Scholar.

6. Monitoring indicators

Comments on the progress indicators in the indicators spreadsheet		
Progress indicator	Means of collecting figures	Comment
1. Current status and coverage of total available thematic data A) Volume and coverage of available data	Matomo	Overall coverage increases due to latest data updates. To be noted that with the latest update there now are fewer oil and gas platforms, due to decommissioning
What is your opinion on the data coverage within EMODnet for your thematic?		Coverage is good and close to 100% for most data set. There are some notable exceptions for which it's difficult to make any progress, unless stronger reporting obligations are introduced, such as aquaculture, pipelines, cables. MSP is also proving difficult to cover, as data are not always available even though a Member State has adopted a plan.
B) Usage of data in this quarter		Generally speaking, usage decreased, though this in line with previous year. It is recommended to look at the trend in the long-run
2. Current status and coverage of total number of data products A) Volume and coverage of available data products		Overall coverage increases due to latest data updates.
B) Usage of data products in this quarter		Generally speaking, usage decreased, though this in line with previous year. It is recommended to look at the trend in the long-run
3. Internal and external organisations supplying/approached to supply data and data products within this quarter		For the time being, there is no variation in terms of data sources, but starting from next quarter, schematic cables will have to be removed from the portal

4. Online 'Web' interfaces to access or view data		Nothing to report
5. Statistics on information volunteered through download forms		Percentage of users from industry plummeted. This might account for the lower number of visits in the quarter, though it seems to be in line with the trend in the long-run
6. Published use cases		Nothing to report
8.1. Technical monitoring		Nothing to report
9. Visibility & Analytics for web pages		There seems to be a long-run trend where indicators usually decrease this time of the year.
10. Visibility & Analytics for web sections		There seems to be a long-run trend where indicators usually decrease this time of the year.
11. Average visit duration for web pages		Difficult to interpret the data

The monitoring numbers reported as part of the progress monitoring of EMODnet performance are collected through Matomo and/or Europa Analytics, unless reported otherwise.

7. Annex: Other documentation attached

[List in Annex if you wish to provide any additional information.]