



EMODnet Thematic Lot n°7 – Human Activities

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

Start date of the project: 03/03/2023 (24 months)

Centralisation Phase

Quarterly Progress Report (24)

Reporting Period: 01/01/2023 – 31/03/2023



Contents

1. Highlights in this quarter	3
2. Identified issues: status and actions taken.....	5
3. Communication assets	6
4. Monitoring indicators.....	8
5. Annex: Other documentation attached	10

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1. Highlights in this quarter

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

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

- AIS data acquired for 2022. Vessel density maps are being processed as usual. They're being added to the database, as shown in the statistics.
- Route density maps updated to February 2023

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

Updated data sets:

- Oil & gas wells
- Oil & gas licences
- Algae production sites
- MSP (Netherlands now added)

Research for possible new data products related to cultural heritage, based on data sent through Data Ingestion Services by the Irish Marine Institute, in particular the World Heritage List of the UNESCO. The work focused on how to single out sites of coastal interest. In particular, there are two approaches that are being evaluated:

1. Using Eurostat's definition of coastal areas: municipalities (around 12% of municipalities, typically LAU2) that border the sea or that have 50% of their surface within a distance of 10k from the sea.
2. Using Eurostat's definition of coastal regions: regions (NUTS-3) that either have a sea border or have more than half of their population within 50 km from the sea.

Research and data processing for new shellfish data products, as per a recommendation from the Aquaculture Advisory Council to DG MARE:

- Polygons for farms (FR, IE and ES);
- Areas classified from a health point of view under the Hygiene Package (Regulation (EC) No 854/2004) (replaced by Reg. 2017/625) (FR and IE)
- Areas designated under the Water Framework Directive 2000/60/EC for the protection of economically significant aquaculture species (IE and Scotland).

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

Method for vessel density maps is being transposed to the EC template so to get a DOI from the EU Publication Office. As the method is cited extensively in literature, having a DOI will make it easier to track citations.

Task 6: Ensure the involvement of Regional Sea Conventions

Still trying to schedule interviews with RSCs. Overall this is not a major impediment, as yearly interviews are probably not necessary.

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

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

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

Portal now fully phased out. A non-accessible version is being maintained just in case.

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		...

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
Old URL not redirecting to central portal (EM-760)	Resolved	Fixed		Same day

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
Minor changes to EMODnet HA dataset names on the map viewer (EM-757)	Pending	Fishing intensity should be updated on the legend to reflect availability of new data. Suggested to rename Marine Spatial Planning to Maritime Spatial Planning to be consistent with the EC nomenclature		

3. Communication assets

A. (Co-)Authoried 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
International Ocean Data Conference - II (IODC-II)	Conference	Integrating the socioeconomic dimensions in the MSP. Jose L. Santiago, Davinia Lojo, Marta Ballesteros. International Ocean Data Conference Session 4: Interdisciplinarity, societal needs			Yes

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

4. Monitoring indicators

[Refer to the standardised monitoring tool, i.e. Europa Analytics, to complete the indicators excel template, and provide a short explanation in the table below on the numbers and trends for each indicator when possible/applicable. Indicate clearly if monitoring was carried out using tools other than Europa Analytics.]

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	<i>Please specify</i>	Data set updates led to increase in data volume. However, when it comes to algae production facilities, a slightly different data model from the JRC led to a lower number of related records
What is your opinion on the data coverage within EMODnet for your thematic?	<i>Please specify</i>	MSP coverage increased after ingesting the Netherlands' plan
B) Usage of data in this quarter	<i>Please specify</i>	Marked decrease in number of downloads. This might be due to the centralization process. Users might not be familiar with the new portal initially. Not really useful to look at trends this quarter. In addition, trends are not available for web services statistics, as a new method was applied
2. Current status and coverage of total number of data products A) Volume and coverage of available data products	<i>Please specify</i>	Volume increased as a result of updates to both vessel density and route density maps
B) Usage of data products in this quarter	<i>Please specify</i>	Same consideration as data
3. Internal and external organisations supplying/approached to supply data and data products within this quarter	<i>Please specify</i>	Nothing to report

5.1 Daily number of page views of EMODnet Thematic entry page	Europa Analytics	Nothing to report
5.2 Quarterly total number of visitors, page views, unique page views and percentage of returning visitors	Europa Analytics	No appreciable change compared with the old portal. This suggests that the repatriation had a negative effect on number of downloads but not on visits

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

5. Annex: Other documentation attached

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