



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 (25)

Reporting Period: 01/04/2023 – 30/06/2023



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1. Highlights in this quarter

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

Lighthouses: new data has been collected, though not yet available on the central portal, as it is being quality checked. Should be available by the time the next progress report is published.

Shellfish polygon: 9 different sources of data from French have been processed and harmonised. Data from Ireland in course of processing.

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 now fully updated with 2022 data
- Route density maps updated with data up to May 2023

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

Nothing to report

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

Some data set received their yearly update:

- Fishing intensity
- Fishing effort
- Offshore installations
- Pipelines
- Telecommunication cables
- Power cables
- Waste at ports
- Wind farms (areas and polygons)

The MSP data set now includes Estonia and Spain.

Further, the Environment theme has been enriched with an entirely new data set: Emerald network sites.

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

Task 6: Ensure the involvement of Regional Sea Conventions

Upon approaching the Barcelona Convention, they confirm that they are making little use of EMODnet Human Activities data, as they are mostly using data submitted by their Contracting Parties.

Regular contacts with HELCOM on Maritime Spatial Planning, as both Human Activities and HELCOM sit in the TEG on MSP data.

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**

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
EMODNET-1557	Resolved	Explained how to extract information on fishing vessels from the density maps		Within 8 hours from first response
EMODNET-1551	Resolved	User noted that the status of a wind farm was not up to date. Explained that the data set receives yearly updates, and the new one was just about to be released		Day after

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

3. Communication assets

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
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

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>Own database</i>	Volume increased as a result of 13 data sets receiving an update
What is your opinion on the data coverage within EMODnet for your thematic?		Volume increased as a result of 13 data sets receiving an update. When it comes to coverage by sea basin, it should be noted that for most Human Activities data set, the calculation is not straightforward and in some cases it is just impossible. Human Activities generally deals with discrete data sets and calculating how much of a sea basin is covered would require having a register or cadastre to benchmark with. At the same time, it should be noted that coverage is always 100% in those cases where a data set is made available as a result of a data reporting obligation. In other cases, it is just impossible to measure coverage. Last but not least polygon data sets often overlap more than a sea basin (e.g. in MSP) and the calculation is not straightforward.
B) Usage of data in this quarter	<i>Europa Analytics</i>	No clear trend in number of downloads, with some data set increasing and some other decreasing. However, usage of web services increased, which may indicate users are switching from manual downloads to web services
2. Current status and coverage of total number of data products A) Volume and coverage of available data products	<i>Own database</i>	Coverage increases by definition, with route density maps receiving monthly updates
B) Usage of data products in this quarter	<i>Europa Analytics</i>	Coverage increases by definition, with route density maps receiving monthly updates

3. Internal and external organisations supplying/approached to supply data and data products within this quarter		Nothing to report
5.1 Daily number of page views of EMODnet Thematic entry page	Europa Analytics	Slightly downward trend. Difficult to tell why. However, over time it is expected that the number of visitors landing on the thematic entry page will stay the same or decrease, as it makes more sense to directly go to the map viewer or data download/web services
5.2 Quarterly total number of visitors, page views, unique page views and percentage of returning visitors	Europa Analytics	Slightly downward trend, though the % of returning visitors increased

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.]