



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: 03/03/2023 (24 months)

Centralisation Phase

Quarterly Progress Report (3)

Reporting Period: 01/10/2024 – 31/12/2024



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1. Highlights in this quarter

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

The following data sets have received an update:

- Aggregate extraction (points and polygons)
- Regional Sea Conventions MPAs
- World Database of Protected Areas (points and polygons)
- Fishing quotas
- Finfish production
- Ocean energy (projects and test sites)

Further, work started on updating all metadata with information on distribution (CC BY)

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

Route density maps updated to November 2024

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

Have ensured the WGS84 projection is defined for “SQL View” layers - If not WFS “<DWithin>” filters fail - Helpdesk request

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

Aquaculture:

- Freshwater dataset: the data for the following countries have been processed: Norway, Denmark, Greece, Cyprus, Poland. Data from Poland required extensive data preparation and cleaning as the source is provided in Excel format, but presented as a conversion of the pdf and not in database format. Data from Poland are also very heterogeneous in terms of formatting for the geographical coordinates, and species names with almost 600 different names or spelling.

Cultural Heritage:

- A new dataset containing worldwide wrecks locations, provided by the UK Hydrographic Office, has been finalised.
- The update of the dataset of shipwrecks from different national sources is ready for QA.

NB: It has been decided to keep the two datasets despite some overlap as the UK database provides a worldwide dataset but is less exhaustive than previously used national sources in terms of number of points and attributes.

Main ports

- A new dataset for Main ports 2020-2024 (goods, passengers and vessels) were harmonised and delivered on 12 of December 2024.

None of these three data sets has yet been made available to the central portal.

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

Task 6: Ensure the involvement of Regional Sea Conventions

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

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-1896: Questions About EMODnet Vessel Data Metadata	Resolved	User asked for clarification regarding the vessel density metadata and noted an inconsistency. A clarification was provided and the metadata were updated		
EMODNET-1912: Problems with WFS/WMS-service from 'Human activities'	Pending	User spotted an error in WFS, which was eventually corrected. User kept reporting other issues, but at the time of writing we are not sure these are errors on our side		
EMODNET-1919: Maritime Intelligence/Data for EMODnet	Resolved	User approach EMODnet with a commercial proposition		
EMODNET-1939: Corrib Gas Field	Pending	User reported that a gas field in Irish water is incorrectly marked as “decommissioning”. However, it doesn’t appear to be as such, so we have asked whether the user might have misunderstood something		

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
Assembling the Italian MSP plan	Resolved	Dedicated expert group to deal with this plan in close collaboration with CNR	November	December

3. Communication assets

A. (Co-)Authorred 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-)authorred 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

For a comprehensive 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 updating a few data sets. Coverage decreased for the Emerald Network data set, as Russia and Belarus sites were discontinued.
What is your opinion on the data coverage within EMODnet for your thematic?		Nothing new to report
B) Usage of data in this quarter	<i>Europa Analytics</i>	Overall, there was an increase in usage. This is in line with the historical trend, with an increase in Q4 after the summer holiday season. The increase is more marked when it comes to webservices.
2. Current status and coverage of total number of data products A) Volume and coverage of available data products	<i>Own database</i>	Volume of route density increased, as the data product is updated monthly
B) Usage of data products in this quarter	<i>Europa Analytics</i>	Marked increase, just like with data sets. Interestingly, though, there was a marked decrease in WMS requests. This might be due to the fact that WMS is not ideal to consume the density maps, and WCS should be monitored instead
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	Upward trend. This is normal, as Q4 comes after the summer holiday season.
5.2 Quarterly total number of visitors, page views, unique page views and percentage of returning visitors	Europa Analytics	Upward trend for all indicators. This is normal, as Q4 comes after the summer holiday season.

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.]