



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 (29)

Reporting Period: 01/04/2024 – 30/06/2024



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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 received an update:

- Natura 2000 areas
- Dredge spoil dumping (points and polygons)
- Wind farms (points and polygons)
- Maritime Spatial Planning (update of Lithuania's plan)

Two entirely new data sets were completed, though they will be made available on the map viewer over the coming days:

- UNESCO World Heritage Convention sites: this dataset provides the location of coastal sites from the UNESCO World Heritage Convention list. It includes UNESCO's sites considered as coastal according to the definition of coastal areas provided by the European Commission. The dataset includes the name of the sites, its code in the UNESCO's database, distance to coast, whether it is a cultural or natural site and a short description from UNESCO.
- Fishing quotas: the data set is based on DG MARE's data, and provides information on total allowable catches (TACs), which are catch limits (expressed in tonnes) provided for each fish species (code and name) for a given year. Each stock is associated with one fisheries management zone (FMZ), but a FMZ can have multiple stocks associated with it. Each species+area combination (stock) has multiple quota values per year. The data set is updated yearly and it covers a time series from 2012 onwards.

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

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

- Update of Geoserver to version 2.25.2

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

- Nothing to report

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

- Contributed two news items for the June newsletter (vessel density maps updated to 2023 and EMODnet Human Activities' partners meeting)

Task 6: Ensure the involvement of Regional Sea Conventions

- EMODnet Human Activities had their annual meeting on 20 June in Copenhagen at Eurofish's and ICES's premises. ICES staff thus joined the meeting as well and we discussed options to improve coverage of fishery-related data.

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

- Lithuania was added the MSP data set – though it's not yet visible on the map viewer. This means that all Baltic Member States' spatial plans are now harmonised to the EMODnet MSP data model.
- Represented EMODnet at the workshop “KPIs for Monitoring Sustainable Blue Economy in Baltic and North Sea (BANOS) area” on 8 May. BlueMissionBANOS (BMB) is a Coordination and Support Action (CSA) for the Baltic and North Sea (BANOS) Mission Ocean Lighthouse.
- Represented EMODnet at the kick-off meeting of the project “Social-Ecological ocean management Applications with Digital Ocean Twins (SEADOTs)”
- Represented EMODnet at the meeting of the Technical Expert Group on MSP data, which took place on 24 May.

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

- Nothing to report

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-1764: Errors in EMODnet database	Resolved	User reported incorrect routes of some pipelines. As routes are taken from official sources, a better solution to represent data was identified.		
EMODNET-1762: Database on Desalination plants in the EU	Pending	Pending answer from data provider	9 February 2024	
EMODNET-1687: Wind farm map (reopened)	Resolved	User wanted to clarify what's reported under dumped munitions and how to cite a data set.		

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-)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-)authoried 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>	Data coverage increases as a result of data update. In addition, two entirely new data sets were added
What is your opinion on the data coverage within EMODnet for your thematic?		The data portfolio was enriched by two new data sets: one on UNESCO World Heritage Convention sites, and one on fishing quotas. The data sets are not yet visible on the map viewer, as options for visualisations are being tested.
B) Usage of data in this quarter	<i>Europa Analytics</i>	Marked decrease in number of downloads accompanied by a marked increase in the number of WMS and WFS requests. This is in line with the trend to consume data via 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>	Vessel density didn't increase, as it received an update in the previous quarter. Route density increased as a result of regular monthly updates.
B) Usage of data products in this quarter	<i>Europa Analytics</i>	Marked increase in number of downloads and especially WMS requests.
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	Stable trend compared with previous quarter
5.2 Quarterly total number of visitors, page views, unique page views and percentage of returning visitors	Europa Analytics	Downward trend in number of visitors. In our opinion, this is consistent with the fact that more and more users prefer to use web services and so they might not be visiting web pages as often as they used to. It is good sign

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.]