



EMODnet



European Marine
Observation and
Data Network

EMODnet Thematic Lot n° 6 - Human Activities

EASME/EMFF/2016/1.3.1.2 - Lot 6/SI2.749458

Start date of the project: 03/03/2017 - (48 months)

EMODnet Phase III - Quarterly Progress Report (14)

Reporting Period: 01/07/2020 - 30/09/2020



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1. Highlights in this quarter

Task 1: develop a common method of access to data held in repositories

- Updated data sets: aggregate extraction, state of bathing waters, active oil and gas licences
- Mapping of the existing sea use code lists and dictionaries of MSP initiatives as well as developing a draft data model for the MSP layer in EMODnet
- New sources found for wrecks and submarine cables (SHOM and Junta de Andalucía). Data will be online by next quarter.

Task 2: construct products

- Route density maps updated to August 2020

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

We are looking into the GeoNetworks catalogue application as part of an action from the TWG

Task 4: maintain and further develop a thematic web portal

Nothing to report

Task 5: ensure the involvement of regional sea conventions

Nothing to report. The activity is scheduled to progress after the summer

Task 6: install a process to monitor performance and deal with user feedback

Nothing to report

Task 7: operate a help desk offering support to users

- Fewer help requests compared to previous quarters, reflecting decreasing usage during summer months.

Other (not directly related to any task)

- While overall the number of visitors and downloads decreased due to the summer season, active users reported quite interesting reasons for download and use of data. It is recommended to look at indicator 5, because there are several potential use case that could be written.

2. Identified issues: status and actions taken

A. Priority issue(s) identified and communicated by EASME/ DG MARE/ SECRETARIAT				
Priority issue	Status (Pending/Resolved)	Action(s) taken / remaining actions planned	Date due	Date resolved

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
Mapping of the existing sea use code lists and dictionaries of MSP initiatives as well as developing a draft data model for the MSP layer in EMODnet	Resolved	Develop the tasks and discuss with the Working Group on Data for MSP created by DG-Mare	28 May, 2020	30 September

3. User feedback (Contact Us form, online chat & other communication means)

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
08/07/2020	Individual	Technical: user asked whether vessel density maps before 2017 would ever be made available	e-mail	Same day	Pending		Explained that for the time being there are no plans to provide historical vessel density map
08/07/2020	Individual	Technical: user asked how to download vessel and route density data in vector format	e-mail	Same day	Resolved	Explained that these are raster data and they are not available in vector format, because files would be too large with 20 million cells. Explained how to convert small areas from raster to vector.	
20/07/2020	Individual	Technical: importing vessel density data into ArcGIS	Live chat	Immediate	Resolved	Explained how to do it	

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31/07/2020	Individual	Technical: user was using an old permalink to the algae production facilities data set, which linked to an old version of the data set	Live chat	Immediate	Resolved	Explained how to generate a new map	
26/08/2020	Individual	Citation: user wanted to know to cite shipping density maps	Live chat	Immediate	Resolved	User redirected to general citation statement	
26/08/2020	Individual	Technical: user asked to be given access to raw AIS data	E-mail	Same day	Pending		Explained that this is not possible, as the data are property of a commercial provider.
27/08/2020	Individual	Technical: user is working on an assessment of COVID-19 impact on NO ₂ emissions in Europe and asked whether vessel density maps would receive an update with 2020 data.	E-mail	Same day	Resolved	Explained when the update will be made available. User was told to use route density maps in the meantime.	
02/09/2020	Individual	Technical: user asked how to download the oil and gas boreholes data set and how to view only	Live chat	Immediate	Resolved	Explained how to do it	

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		boreholes in the Danish EEX					
02/09/2020	Individual	Technical: user asked why fishing intensity data are not available for the Baltic Sea	Live chat	Immediate	Resolved	Explained that fishing intensity is not in the remit of the current EMODnet Human Activities mandate, and for now only the North Sea is covered. However, a link to ICES data was provided	
06/09/2020	Individual	Technical: user wanted to know the difference between vessel density and route density	Live chat	Immediate	Resolved	Explained	
10/09/2020	Individual	Technical: user downloaded data set on first sale of fish and asked clarification on certain fish sizes	E-mail	Same day	Resolved	Pointed user to EC regulations.	
30/09/2020	Individual	Technical: user asked whether there is a standard classification of marine aggregates	E-mail	Same day	Resolved	Explained that there is none.	

4. Meetings/events held/attended & planned

A. Meetings/events organised and attended					
Date	Location	Type event (internal or external meeting, training/workshop)	Indicate if a ppt was given (yes/no + short description)	Meeting attended (A) / organised (O)	Short description and main results (# participants, agreements made, etc.)
22/09/2020	Remote meeting	Webinar	Yes: timeline with main EMODnet's achievements	A	EMODnet: A decade of achievements connecting marine data to knowledge
SUM				O	Total # of meetings organised =0
SUM				A	Total # of meetings attended = 1

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				
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

List of known publications using EMODnet data or data products

Date	Type and name of journal, conference, ...	Publication title including DOI (if known)	Author(s)	Organisation(s)
To be published in October 2020	Sustainability – Open Access Journal	Assessing the Impact of Physical and Anthropogenic Environmental Factors in Determining the Habitat Suitability of Seagrass Ecosystems https://doi.org/10.3390/su12208302	Hastings R., Cummins V., Holloway P.	University College Cork,
Not known	ICES Expert Group Report	Working Group on Integrated Assessments of the North Sea (WGINOSE) http://doi.org/10.17895/ices.pub.7430	Belgrano A. et al.	ICES
12/09/2020	Renewable and Sustainable Energy Reviews	An integrated GIS approach for site selection of floating offshore wind farms in the Atlantic continental European coastline https://doi.org/10.1016/j.rser.2020.110328	Díaz H., Guedes Soares C.	Centre for Marine Technology and Ocean Engineering (CENTEC), Instituto Superior Tecnico, Universidade de Lisboa

6. Monitoring indicators

Comments on the progress indicators in the excel template		
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/ other (Please state which monitoring tool was used to collate the information in each case)	Generally speaking, EMODnet HA's data sets receive updates once a year. Unless a data source ceases to exist, volume and coverage can only increase. The trends reflect the updates received by some data sets this quarter. Note that breakdown by sea basin is not possible for EMODnet Ha's data sets. These are discrete data sets, so it is not possible to say how much of an area is covered. Some data sets (e.g. Natura 2000 areas) have complete coverage; however, the addition or removal of an area would not change coverage.
B) Usage of data in this quarter		Usage of data is on a downward trend, which is the norm in the summer months.
2. Current status and coverage of total number of data products A) Volume and coverage of available data products		Vessel density maps received their yearly update in the previous quarter. Route density maps are updated each month. Unlike data sets, it is possible to provide sea-basin figures for EMODnet data products.
B) Usage of data products in this quarter		Slight increase in the number of downloads for vessel density maps, despite the summer months. However, this quarter is still below the yearly average. Route density maps are stable.
3. Organisations supplying/approached to supply data and data products within this quarter		New sources found for submarine cables will considerably improve coverage
4. Online 'Web' interfaces to access or view data		Nothing to report
5. Statistics on information volunteered through download forms		Users from industry have been on an upward trend for two quarters now. There is no clear explanation as to why this is happening, but it seems to be good news. Several interesting reasons for download and use of data were reported, so it is recommended to look at the excel version of the indicator, because there is a number of potential case studies that could be drafted, based on this information.

6. Published use cases		Nothing to report
8.1. Technical monitoring		Nothing to report
8.2. Portal user-friendliness (Visual harmonization score)		Nothing to report
9. Visibility & Analytics for web pages		Downward trend: this always happens in the summer months
10. Visibility & Analytics for web sections		Downward trend: this always happens in the summer months
11. Average visit duration for web pages		Average duration of visits slightly increasing. This is probably connected with lower number of visits. "Core visitors" remain and they tend to spend more time on web pages

The monitoring numbers reported as part of the progress monitoring of EMODnet performance are collected through Matomo. In some cases, numbers from other monitoring systems may also be reported (e.g. Awstats, Google Analytics), and if so, must be reported in the table above. Each system uses different technical approaches and therefore has its strengths and shortcomings. Therefore, results are indicative and care should be taken when interpreting absolute numbers or comparing results from different tools. It is often more sensible to consider trends over time collected by the same monitoring tool.

7. Annex: Other documentation attached

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