



# 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 (10)**

**Reporting Period: 01/07/2019 – 30/09/2019**



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### Disclaimer

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## 1 Highlights during the reporting period

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

- New data set on urban wastewater treatment went live.
- Update of port waste data set went live.
- Update of dredging data set went live.
- Aquaculture
  - Data model has been revised to be harmonised with the data model for the marine finfish dataset and improve symbolisation and filtering options, this revision includes the addition of a field for the “type of farm”, based on the different species. The typology is still being refined to take into account the different situations encountered. At this stage the typology should include the following type of farms (Mainly mussels, Mainly oysters, Mix mussels-oysters, Clams, Cockles, Other specialised farms or areas, Diversified farms or areas);
  - Processing of the French data from different sources (cadastre from different departments/regions using different definitions, inventory of production areas) is still in progress: it has been decided to use the production areas and cross it with data from the cadastre to obtain information on species when available. The data from cadastre show the individual parcels and does not provide information on farms or establishments, which is too different from the information used for other countries for this dataset (farms or production areas). However, the cadastral data will be used for a new dataset showing polygons rather than points.
  - Updated data was processed for Greece, Norway, Slovenia and Poland.
- Cultural heritage: web screening is ongoing to identify new online GIS tools and data sources (at national level). Data providers have been contacted in Ireland, France, Croatia. Issues concerning data harmonization are under analysis for these new sources, the key issues being type of objects, historical period covered (archaeological / historical heritage) and the availability / accuracy of coordinates. Negotiations are ongoing with different data providers for getting access to sites/object coordinates, for free or by purchasing datasets (Ireland, EU wrecks, EU lighthouses).

**Task 2: Construct products from one or more data sources that provide users with information about the distribution of parameters in time and space**

- Update with 2018 data on vessel density currently ongoing. Maps until 2018 have been completed. The update will go live end of November 2019.
- EMSA 2019 vessel density maps available on a test version of the portal. They will go live in the coming weeks.

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

- Basic Web Coverage Services (WCS) now available for Vessel Density.

**Other tasks:** no highlights to report.

## 2 Challenges encountered during the reporting period

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Main challenge	Measures taken
<p><b>Data on military areas (request from DG MARE) not easily available. Sometimes they are available from unofficial sources</b></p>	<p>As a rule of thumb, Hydrographic Offices do have these data. The coordinator of EMODnet Bathymetry has been contacted to facilitate communication with Hydrographic Offices (nearly all of them are partners to EMODnet Bathymetry)</p>

### 3 Identified issues: status and actions taken

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<b>Issue identified</b>	<b>Status (Pending/Resolved)</b>	<b>Action taken</b>	<b>Date due</b>
<b>WCS not exposed for the density map</b>	Solved	WCS link now available from the search data page	
<b>Catalogue service</b>	Pending	Central portal geonetwork will be used	November 2019
<b>Include metadata in web services</b>	Pending	Metadata will be included	November 2019

## 4 User Feedback

Date	Organisation	Type of user feedback (e.g. technical, case study, etc.)	Response time
<b>10/7/19</b>	Individual	Technical	Immediate (live chat)
<b>10/7/19</b>	Individual	Technical	Immediate (live chat)
<b>12/7/19</b>	Individual	Technical	Immediate (live chat)
<b>19/7/19</b>	Scottish Government	Technical	Immediate (live chat)
<b>23/7/19</b>	Individual	Technical	Immediate (live chat)
<b>26/7/19</b>	ISMAR	Technical	Immediate (live chat)
<b>29/7/19</b>	Mocean energy	Technical	Immediate (live chat)
<b>2/8/19</b>	Scottish Association for Marine Science	Technical	Immediate (live chat)
<b>30/8/19</b>	Vattenfall	Technical	Same day (e-mail)
<b>2/9/19</b>	Individual	Technical	Immediate (live chat)
<b>3/9/19</b>	Individual	Technical	Immediate (live chat)
<b>14/9/19</b>	Individual	Technical	Immediate (live chat)
<b>20/9/19</b>	Individual	Technical	Same day (e-mail)
<b>22/9/19</b>	Shell	Technical	Immediate (live chat)
<b>23/9/19</b>	CTAqua	Technical	Immediate (live chat)
<b>24/9/19</b>	Individual	Technical	Same day (e-mail)
<b>27/9/19</b>	INGV	Technical	Immediate (live chat)

## 5 Meetings held/attended since last report

*Table: Meetings organised and attended.*

<b>Date</b>	<b>Location</b>	<b>Type event (meeting, training (workshop), etc.)</b>	<b>Attended (A) / Organised (O)</b>	<b>Short description and main results (# participants, agreements made, etc.)</b>
3/10/19	Brussels	Workshop on data for MSP implementation	A	Presentation of EMODnet HA
2-3/9/19	Ghent	EMODnet Steering Committee meeting	A	
4-6/9/19	Ghent	OpenSeaLab	A	
<b>SUM</b>			<b>O</b>	<b>Total # of meetings organised =</b>
<b>SUM</b>			<b>A</b>	<b>Total # of meetings attended =</b>

## 6 Outreach and communication activities

Please list all the relevant communication/outreach activities or products you have developed/executed during this period (including presentations, lectures, trainings, demonstrations, workshops, etc., and development of communication materials such as brochures, videos, press releases, newsletters, etc.). At the bottom of the table, provide a total number for every type of communication activity you have developed/executed (e.g. total # of press releases, total # of presentations given, etc.).

Table: Communication activities.

Date	Communication action/material	Short description (of the material, title, ...) and/or link to the activity	Main results (# participants, # views, # press clippings, etc.)
19/9/19	Blog post	Where does our wastewater go? <a href="https://www.emodnet-humanactivities.eu/blog/?p=1159">https://www.emodnet-humanactivities.eu/blog/?p=1159</a>	9 views
18/7/19	Blog post	Why are there so many nuclear power plants located on the coast? <a href="https://www.emodnet-humanactivities.eu/blog/?p=1118">https://www.emodnet-humanactivities.eu/blog/?p=1118</a>	38 views
<b>SUM ...</b>			<b>Total # of 47 views</b>

Relevant scientific and/or popular publications (scientific papers, book chapters, conference papers, ...) you published or of which you know they have been published using/referring to EMODnet data or data products during this reporting period must also be reported here.

Table: List of known publications using EMODnet data or data products.

Date	Name of journal, conference, ...	Publication title	Authors	Organisation(s)
<b>August 2019</b>	Marine Policy	Habitat mapping in the European Seas - is it fit for purpose in the marine restoration agenda?	Gerovasileiou V. et al.	Hellenic Centre for Marine Research et al.
<b>July 2019</b>		Havingsten Fibre Optic Telecommunication Cable. Foreshore License Application for Cable Installation - Planning Report	Paula Daghish & Charlie Cameron	Intertek, ALCATEL SUBMARINE NETWORKS
<b>March 2019</b> (not mentioned previously)	Marine Policy	Communicating Maritime Spatial Planning: The MSP Challenge approach	Abspoel L. et al.	Ministry for Infrastructure and Water Management (NL)

## 7 Annex: Other documentation attached

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



## 8 Monitoring indicators

Please consult and fill in the designated excel template in annex, and provide a comment in the table on each indicator when possible/applicable.

Table: Comments on the progress indicators in the excel template.

Progress indicator	Comment
1.1 Volume of available acquired data	Major update occurred during the previous reporting period. In this reporting period, only dredging was updated. 2 areas were added to the hydrocarbon licences data set.
1.2 Number and coverage of built & external data products	70 new vessel density maps (January to May 2018) were created during the reporting period. They have not been reported in this progress report, as they are not yet online.
2. Organisations supplying each type of data	Nothing to comment.
3. Interfaces to access or view data: list changes or new items within reporting period	WCS was added for vessel density.
4. Usage of data and data products per interface and per theme	Downward trend mainly due to the holiday season.
5. Distribution of users that have used the portal's data and data products per organisation type and country, and their main use cases	Downward trend mainly due to the holiday season.
6. External products (websites, apps, ...) built on top of web-services: update since last quarterly report	Nothing to comment.
7. Published use case and number of readings	Downward trend mainly due to the holiday season.
8. Portal and Social Media visibility	Downward trend mainly due to the holiday season.
9.1 Technical monitoring	Nothing to comment
10 Visibility & Analytics for web pages on Human Activities	Downward trend since 2019 Q1 when the vessel density maps were released. Regression to the mean.
11 Visibility & Analytics for web sections on Human Activities	Downward trend since 2019 Q1 when the vessel density maps were released. Regression to the mean.
12 Average visit duration for web pages	Nothing to comment. Average duration seems low compared with our data from the live chat plugin.