



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

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EMODnet Phase III – Quarterly Progress Report (6)

Reporting Period: 01/07/2018 – 30/09/2018



Contents

1 Highlights during the reporting period	3
2 Challenges encountered during the reporting period	4
3 User Feedback.....	5
4 Meetings held/attended since last report	6
5 Outreach and communication activities	7
6 Annex: Other documentation attached	7
7 New monitoring indicators	8

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1 Highlights during the reporting period

- **Task 1: Develop a common method of access to data held in repositories:**
 - Cultural heritage: (i) as the gathered data on the wrecks in the Mediterranean and Black Sea region were incomplete, contacts have been made (several e-mails were sent without any feedback) with the project manager of the Oxford Roman Economy Project to check the availability of more complete data (with geographical positions of all wrecks) and to identify other relevant sources. (ii) Discussion with data providers on wrecks and lighthouses have been reactivated after summer break with the objective to find an agreement for an extraction of their database and define the conditions for their dissemination through EMODnet portal.
 - Aquaculture: (i) Collecting updated data for freshwater farming in Belgium and harmonising collected data. (ii) Checking the availability of up-dated data for the countries already covered. (iii) Contacts are in progress to ensure better geographical coverage. (iv) Marine aquaculture data set revision.
 - The possible improvements considered by the members of the consortium, regarding new datasets (seaweeds aquaculture), new segmentations (species, rearing techniques, activity...), the accuracy of data (moving from points to polygons, crossing different sources...), the access to layers from other EMODnet portals (depth, temperature, nutrients and plankton density, pollutants...), the integration of interesting zonings (sanitary and zoo-sanitary areas for shellfish, areas targeted for the development of aquaculture in national/regional plans...) have been discussed with aquaculture national organisations during the AAC meeting which took place in Brussels on 8 October 2018. The interest of professional for EMODnet has been confirmed and the ways for enhancing its interest (regarding professional's needs) have been identified. New datasets and products will be proposed in the next month accordingly
 - Other updates: update of the aggregate extraction dataset; update of the hydrocarbon extraction dataset (active licenses and offshore installations); update of the ocean energy facilities dataset; update of the wind farms dataset. All these updates are not yet available online.
 - A new dataset on algae production has been received through the Data Ingestion Project. Submitted by the JRC, the dataset is now being analysed in view of including it into EMODnet Human Activities.
- **Task 2: Construct products from one or more data sources that provide users with information about the distribution of parameters in time and space:** a dedicated machine has been purchased to process AIS data and create the vessel density maps. Barring unforeseen circumstances, the maps will be available before the end of the year. New maps will be released as they become available.
- **Task 3: Develop procedures for machine-to-machine connections to data and data products:** nothing to report
- **Task 4: Develop a web portal allowing users to find, visualise and download data:** the following improvements are being tested and will soon be available to users: (i) Allow non-GIS users to download csv files of each layer within a specified area; (ii) Implement adjustment of layer transparency (useful when multiple polygons are visualised); (iii) implement tools for print, labelling and annotation; (iv) implement a search facility;
- **Task 5: Ensure the involvement of regional sea conventions:** nothing to report
- **Task 6: Facilitate interoperability with data distributed by non-EU organisations:** nothing to report.
- **Task 7: Install a process to monitor performance and deal with user feedback:** nothing to report
- **Task 8: Operate a help desk offering support to users:** the number of requests via live chat has increased, indicating increasing use of EMODnet Human Activities
- **Events:** nothing to report

2 Challenges encountered during the reporting period

Main challenge	Measures taken
<p>Enlargement of the aquaculture dataset:</p> <p>In order to ensure a better geographical coverage and to gather data for countries that were not covered yet, several contacts have been made, without significant feedback from the authorities.</p>	<p>Continue contacting the authorities + contacting other ministries that could have the same information.</p>
<p>Freshwater aquaculture dataset harmonisation</p>	<p>Definition of a list of main species representative of the different forms of freshwater aquaculture (intensive / extensive, tanks / ponds)</p>

3 User Feedback

Date	Organisation	Type of user feedback (e.g. technical, case study, etc.)	Response time
16/07/2018	Private person	Question about the possibility to select a specific area and have all the human activities information related to that area (it was explained that this feature will be introduced shortly)	Instant (live chat)
01/08/2018	Private person	Request for a shapefile of single offshore wind turbines for the Netherlands. It was explained that Human Activities portal provides only points and polygons of farms, not turbines (our source for the Netherlands (OSPAR) do not provide us with this information)	Instant (live chat)
04/08/2018	Brockman Consult	Question about the possibility to get dredging dataset in number, and not text format.	Instant (live chat)
21/09/2018	Openfabric	Question about the possibility to download the wreck shapefile for the Mediterranean area.	Instant (live chat)
26/09/2018	Smartbay	File with updated information on wind farms has been sent via Live Chat.	Instant (live chat)
10/09/2018	WindEurope	Request for more information on coordinate system that is used by HA (wind farms dataset)	Instant (live chat)

4 Meetings held/attended since last report

Table: Meetings organised and attended.

Date	Location	Type event (meeting, training (workshop), etc.)	Attended (A) / Organised (O)	Short description and main results (# participants, agreements made, etc.)
08/10/2018	Bruxelles	AAC working group – COPA-COGECA	A	Presentation of the aquaculture dataset and ongoing work for improving its coverage and accuracy to EU aquaculture professional organisations. The interest of the professionals for the portal was confirmed and suggestions to better match with their needs (new datasets, products...) were discussed. Three national organisations proposed their help to improve coverage and accuracy in their countries.
26/09/2018	Bruxelles	Atlas of the Seas Steering Committee meeting	A	EMODnet HA attended the Steering Committee meeting of the Atlas of the Sea.
SUM			O	Total # of meetings organised = 0
SUM			A	Total # of meetings attended = 2

5 Outreach and communication activities

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.)
11/09	Blog	Update on the Barcelona Convention http://www.emodnet-humanactivities.eu/blog/?p=810	# of views:60
21/08	Blog	Marine Aggregates Production http://www.emodnet-humanactivities.eu/blog/?p=785	# of views:23
17/07	Blog	Use Case: HeraSpace http://www.emodnet-humanactivities.eu/blog/?p=773	# of views:54
06/07	Blog	Liquid vs. dry bulk goods – which one prevails? http://www.emodnet-humanactivities.eu/blog/?p=763	# of views:29
SUM ...			Total # of views: 166

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)
21/08/2018	European MSP Platform	Marine Aggregates and Marine Mining	EU MSP Platform	EU MSP Platform
31/07/2018	IW:Learn Manuals	Marine Spatial Planning (MSP) Toolkit	Angela Schultz-Zehden, Clare Waldmann, Ivana Lukic, Joseph Onwona Ansong, Lisa Simone de Grunt and Susanne Altvater	s.Pro

6 Annex: Other documentation attached

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

7 New monitoring indicators

Please consult and fill in the designated excel template.