



EMODnet



European Marine
Observation and
Data Network

EMODnet Thematic Lot n°2 – Seabed Habitats

EASME/EMFF/2018/1.3.1.8/Lot2/SI2.810241

Start date of the project: 25/09/2019 - (24 months)

EMODnet Phase III – Quarterly Progress Report (9)

Reporting Period: 10/05/2019 – 30/09/2019



Contents

1 Highlights during the reporting period	3
2 Challenges encountered during the reporting period	4
3 Identified issues: status and actions taken	5
4 User Feedback	6
5 Meetings held/attended since last report.....	8
6 Outreach and communication activities	9
7 Annex: Other documentation attached.....	10
8 Monitoring indicators	10

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1 Highlights during the reporting period

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

At the end of the previous contract, were published online

- 54 predictive model outputs on the spatial distribution of a range of habitat-forming species and threatened benthic habitats/communities that occur at various scales and extents in Europe's seas
- >300,000 ground truthing habitat observation points across Europe
- 424 survey habitat maps

Task 2: construct products

At the end of the previous contract, the following products were made available

- EUSeaMap 2019 (Broad-scale seabed habitat map)
- The environmental raster layers that served as input of EUSeaMap
- New composite products using compiled habitat maps, showing the known extent of three habitats of conservation importance (essential ocean variables): seagrass meadows, live hard coral and macroalgal canopy cover

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

No progress during the 4-month gap in activity

Task 4: maintain and further develop a thematic web portal

- A major redesign of the web mapper was done at the end of the previous contract
- Since then, despite the gap in activity the web portal has had uninterrupted operation.

Task 5: ensure the involvement of regional sea conventions

No progress during the 4-month gap in activity

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

- Since the end of the previous contract, the web portal has had continued operation, which has allowed for uninterrupted performance monitoring and user assistance (see section 4)

Task 7: operate a help desk offering support to users

No progress during the 4-month gap in activity

New contract

The new contract started the 25th of September

- Brings together a consortium of eleven organisations (8 partners, 3 sub-contractors)
- Will be led by Ifremer
- A reduced budget, and therefore a reduced scope
 - Data collation: significant effort will be dedicated to collation of existing observation point data and survey maps
 - Data products: less focus on improving EUSeaMap, and more focus on producing new composite products
- Unlike in the previous contract, EMODnet Seabed Habitat will be, through the JNCC, partner of EMODnet Data Ingestion.

2 Challenges encountered during the reporting period

Main challenge	Measures taken
<p>The August questionnaire from EASME on GDPR-compliance raised some issues:</p> <ol style="list-style-type: none"> 1. The website was using third-party cookies (from the live chat service, Tawk.to), but the users' prior consent was not requested before the installation of these third-party cookies (question 4) 2. the website used site-specific cookies, which were not described on a dedicated 'cookie notice' page or in the 'data protection notice' page (question 6) 3. the website did not prevent cookies being created when the browser's "Do Not Track" (DNT) option was activated (question 7) 4. processing of personal data on the website was not recorded in a 'Record' (question 9) 5. the website's privacy policy was not based on the EASME 'data protection notice' template (question 9) 6. the website used a third party tool (the live chat service, Tawk.to) that was activated without prior, informed user consent (question 10) 	<ol style="list-style-type: none"> 1. The live chat service, Tawk.to was disabled until we were able to implement functionality to allow users to disable cookies. We are now in the process of developing the ability to allow users to disable cookies before they are installed. 2. We are in the process of describing the cookies on the dedicated cookie notice page. 3. We are currently investigating how to ensure the analytics cookies respond to 'do not track' requests. 4. JNCC has filled in a record for all processing of personal data on the website, using the template from the UK's data protection authority, the Information Commissioner's Office 5. JNCC plans to recreate the privacy policy according to the EASME 'data protection notice'

3 Identified issues: status and actions taken

Provide an overview of the issues identified, if any, during the reporting period, the status of those issues, and actions taken to address them.

[Please, provide information in the table.]

Issue identified	Status (Pending/Resolved)	Action taken	Date due
<p>The August questionnaire from EASME on GDPR-compliance raised some issues:</p> <p>GDPR1: The website was using third-party cookies (from the live chat service, Tawk.to), but the users' prior consent was not requested before the installation of these third-party cookies (question 4) AND the website used a third party tool (the live chat service, Tawk.to) that was activated without prior, informed user consent (question 10)</p>	Resolved	The live chat service, Tawk.to was disabled until we are able to implement functionality to allow users to disable cookies (in progress).	-
<p>GDPR2: the website used site-specific cookies, which were not described on a dedicated 'cookie notice' page or in the 'data protection notice' page (question 6)</p>	Pending	We are in the process of describing the cookies on the dedicated cookie notice page.	30/10/19
<p>GDPR3: the website did not prevent cookies being created when the browser's "Do Not Track" (DNT) option was activated (question 7)</p>	Pending	We are currently investigating how to ensure the analytics cookies respond to 'do not track' requests.	30/10/19
<p>GDPR4: processing of personal data on the website was not recorded in a 'Record' (question 9)</p>	Resolved	JNCC has filled in a record for all processing of personal data on the website, using the template from the UK's data protection authority, the Information Commissioner's Office	-
<p>GDPR5: the website's privacy policy was not based on the</p>	Pending	JNCC plans to recreate the privacy policy according to the EASME 'data protection notice'	31/12/19

EASME 'data protection notice' template (question 9)			
The www.emodnet-seabedhabitats.eu website is currently hosted in the UK and stores a small amount of personal information. However, we have been made aware that the latest terms of the service contract agreement state that personal data shall only be processed within the territory of the EU and EEA.	Resolved for now	JNCC has created a plan of action for the case in which the UK leaves the EU and is not deemed by the Commission as providing adequate protection to personal data. This has been submitted to EASME. For now, we will wait and see what happens.	-

4 User Feedback

List any useful feedback you received on your portal, your activities or those of other EMODnet projects/activities. Also provide any suggestions you have received for EMODnet case studies and/or future products/activities/events.

[Please, provide information in the table. If you wish to include the full user feedback in the report you can attach it in Annex.]

Date	Organisation	Type of user feedback (e.g. technical, case study, etc.)	Response time
02/05/2019	Plymouth University	Technical	3 mins
23/05/2019	Instituto Español de Oceanografía	Technical	2 mins
29/05/2019	University of York	General	4 days
05/06/2019	National Oceanography Centre	Request for improvement	Pending
19/06/2019	Creocean	General	30 mins
19/06/2019	Not disclosed	General	1 minute
21/06/2019	Birmingham University	Technical	1 minute
02/07/2019	Marine Institute	General	1 minute
02/07/2019	Bangor University	Technical	1 hour

03/07/2019	Not disclosed	Technical	1 minute
03/07/2019	University of Venice	General	10 minutes
03/07/2019	Natural Power	Technical	10 minutes
03/07/2019	ABCO Marine	General	1 minute
04/07/2019	HCMR	General	32 mins
09/07/2019	ISMAR	General	1 hr 30 mins
09/07/2019	Not disclosed	Technical	10 mins
10/07/2019	Not disclosed	Technical	1 minute
16/07/2019	ABPmer	General	14 mins
18/07/2019	Marine Management	General	1 hr
29/07/2019	Hartley Anderson	Technical	24 mins
09/08/2019	Essex University	Technical	6 days
14/08/2019	COAST (Community of Arran Seabed Trust)	Technical	1 minute
16/08/2019	COAST (Community of Arran Seabed Trust)	General	3 hours
19/08/2019	Not disclosed	General	30 minutes
28/08/2019	BHGE (Baker Hughes)	General	5 min
30/08/2019	Navigating the Future	General	10 minutes

5 Meetings held/attended since last report

List here the internal and external meetings held/participated by the contractant (e.g. meeting, conference, training (workshop), etc.) since the last quarterly report. Please add a short description on the meeting as well as the nature and volume of the audience. At the bottom of the table, provide the total number of events organised and events participated.

[Please, provide information in the table.]

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.)
12-13/06/2019	Brussels	MSFD TG Seabed	A	This group coordinates work on assessing seabed-related indicators under MSFD across the EU. JNCC presented the products of EMODnet Seabed Habitats that may help in seabed habitat assessments.
03-07/06/2019	Mallorca	ICES Working Group on Marine Habitat Mapping meeting	A	JNCC attended as a member of the WG and made a summary of EMODnet Seabed Habitats main achievements in phase 3
11-12/06/2019	Brest	EMODnet Bathymetry kick-off	A	Using the 100m DTM: a feedback from EMODnet Seabed Habitats. All EMODnet Bathy partners present. A couple of issues raised: "salt and pepper" due to DTM noise and in some places, a white ribbon along the coast
02-03/09/2019	Ghent	Emodnet SC meeting	A	
03/09/2019	Ghent	EMODnet TWG	A	
12/09/2019	Paris	Ifremer – JNCC meeting (internal)	O	Planning the new project
SUM			O	Total # of meetings organised = 1
SUM			A	Total # of meetings attended = 5

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.).

[Please, provide information in the table.]

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.)
08-09/05/2019	Oral Presentation	Sustainable Development at the Black Sea - SUST-BLACK" Conference, Bucharest, Romania. http://www.sust-black.ro/	300 participants
13-17/05/2019	Poster presentation	GEOHAB (Marine Geological and Biological Habitat Mapping) - Saint-Petersburg, Russia. The poster focuses on EMODnet seabed habitat products (EUSeaMap, habitat maps from survey, Ground truth point data and individual habitat model)	
15/05/2019	Oral Presentation	EMODnet Biology Stakeholder Workshop, Lisbon, Portugal. An overview of EMODnet Seabed Habitats data products, and how they are/could be useful to stakeholders	
04-06/09/2019	Coaching and oral presentation	opensealab	
SUM oral presentation			3
SUM poster presentation			1
SUM ...			4

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.

[Please, provide information in the table.]

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

Date	Name of journal, conference, ...	Publication title	Authors	Organisation(s)
Nothing to report				

7 Annex: Other documentation attached

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

8 Monitoring indicators

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

Progress indicator	Comment
1.1 Volume of available acquired data	<p>Large trend observed in the survey point dataset following updates just after the end of contract. Originally a UK-wide dataset only, but widened to create the first pan-European groundtruthing point dataset.</p> <p>No changes to the Habitats Directive gridded layers - external data that is sourced from EEA. Should be updated in 2019.</p>
1.2 Number and coverage of built & external data products	<p>Release of several products following slight delay in uploading data at end of previous contract.</p> <p>EUSeaMap 2019 spatial coverage widened to include the Barents Sea hence the large increase in trend.</p> <p>Individual physical datasets (e.g. currents, optical properties etc.) have been split into individual regional datasets, explaining large trend increase.</p> <p>Large increase in modelled maps following the focus on collation in the second year of the previous Phase.</p>
2. Organisations supplying each type of data	No organisations have supplied data or been approached since the end of the last contract.
3. Interfaces to access or view data: list changes or new items within reporting period	GeoServer endpoints and mapper url provided.
4. Usage of data and data products per interface and per theme	Seabed habitats subtheme has been split by individual maps from survey and non-survey data (i.e. EUSeaMap, OSPAR etc.) - this is due to the large download useage of survey maps.
5. Distribution of users that have used the portal's data and data products per organisation type and country, and their main use cases	A lot of interesting uses, for example ICES WGFBIT and CBD EBSA workshop in the NE Atlantic.
6. External products (websites, apps, ...) built on top of web-services: update since last quarterly report	No comment
7. Published use case and number of readings	No comment
8. Portal and Social Media visibility	No comment
9.1 Technical monitoring	No comment
9.2 Portal user-friendliness	No comment
10. Visibility & Analytics for web pages	No comment
11. Visibility & Analytics for web sections	No comment
12. Average visit duration for web pages	No comment

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). Each system uses different technical approaches and therefore has its strengths and shortcomings. Therefore, results are indicative and care should be taken with 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.