



EMODnet Thematic Lot n° 2 – Seabed Habitats

EMODnet Phase III - Quarterly Report

Reporting Period: 05/05/2017 – 30/06/2017

Date: 15/07/2017

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1. Highlights in this reporting period

- The kick-off meeting of all twelve partners happened at Fitzwilliam College, Cambridge, UK from 18 – 20 April 2017. Please note that the Seabed Habitats (SH) phase III contract was signed on 5 May 2017; therefore, this report only covers a seven-week period.
- Links have already been established with other lots, through attending and contribution to their partner meetings.
 - On 25 – 26 April, JNCC introduced the SH plans and discussed potential ways to work together at the EMODnet Biology kick-off meeting in Ostend, Belgium,
 - On 30 – 31 May, HCMR and GEUS attended the EMODnet Geology kick-off meeting in Espoo, Finland, highlighting the SH plans of relevance to Geology.
- Web portal is operational: due to the continued hosting of the web portal by JNCC since phase I, the web portal has had continued, uninterrupted operation during the transition from phase II to phase III.
- The EMODnet Broad-Scale Seabed Habitat Map for Europe (EUSeaMap) was updated in June to include the new MSFD benthic broad habitat types (which are defined in in Part II of the Annex to Commission Decision (EU) 2017/848).
- A comprehensive report detailing the method behind EUSeaMap was published in June 2017 – see http://www.emodnet-seabedhabitats.eu/resources/documents#2017_link.

2. Specific challenges or difficulties encountered during the reporting period

- At this early stage we have not yet encountered many notable challenges.
- One challenge that has become apparent is the fact that none of the individuals from our consortium are involved in the EMODnet Data Ingestion project, which makes engaging with that project more difficult than for all the other lots.

3. User Feedback

Date	Organization	Type of user feedback (e.g. technical, case study etc.)	Response time to address user request
2017-01	-	General portal feedback: we signed our website up to http://peek.usertesting.com/ which uses members of the public to provide feedback on a website via a 5-minute screencast. If you'd like to see the first video, contact EMODnetSeabedHabitats@jncc.gov.uk.	NA
2017-	burdGIS	General portal feedback (unsolicited): "A	NA

05-12		fantastic seabed habitat datasource courtesy of EMOD" See: https://t.co/6ZutwM3lp6	
2017-06-01	SGU	Future product suggestion: add a feature to the portal that would allow anyone to produce their own 'EUSeaMap' using their own data. (in discussion at ICES WGMHM)	NA
2017-06-01	AWI	Future product suggestion: add tools to the portal to allow people to analyse the data in different ways, e.g. some basic spatial statistics. (in discussion at ICES WGMHM)	NA
		Note that we are currently reviewing all the EMODnet Checkpoint Data Adequacy Reports for mentions of SH to see if there are any suggested improvement.	

Annex 1 Updates on Progress Indicators

Indicator 1 - Volume of data made available through the portal

The only new data added to the portal in this reporting period is an update to the EMODnet broad-scale seabed habitat map for Europe "EUSeaMap" 2016, which has been updated to align with the recently published Marine Strategy Framework Directive Benthic Broad Habitat types.

Indicator 2 - Organisations supplying each type of data based on (formal) sharing agreements and broken down into country and organisation type (e.g. government, industry, science)

Indicator 3 - Organisations that have been approached to supply data with no result, including type of data sought and reason why it has not been supplied

Indicator 4 - Volume of each type of data and of each data product downloaded from the portal

The table below summarises the data products downloaded from the EMODnet Seabed Habitats portal in the period 01/04/2017 to 30/06/2017.

layer	number of downloads
342 Individual EUNIS maps from Survey	25603 over 103 download sessions ¹
25 Individual non-EUNIS maps from survey	1025 over 45

¹ Habitat maps from surveys are available as individual downloads, with the option for the user to "Download All". The number presented in the table is the number of individual habitat maps.

	download sessions ¹
Broad-scale habitat map (EUSeaMap)	166
OSPAR database of threatened and/or declining habitats	53
EU Sea Map 2016 - Fraction of light reaching the seabed	22
EU Sea Map 2016 - Photosynthetically Active Radiation at the surface	18
EU Sea Map 2016 - Photosynthetically Active Radiation at the seabed	17
Energy - North Sea and Celtic Sea	15
EU Sea Map 2016 - Coefficient of light attenuation in water (KDPAR)	15
Energy/Wave Exposure - Baltic Sea	12
Halocline - Baltic Sea	12
Salinity - Baltic Sea	12
EU Sea Map 2016 - Number of satellite images for each pixel of KDPAR	9
EUSeaMap 2016 higher resolution case study for east of Angus and Aberdeenshire	6

Indicator 5 - Organisations that have downloaded each data type

The following is a list of organisations that have downloaded data from the EMODnet Seabed Habitats download page (<http://www.emodnet-seabedhabitats.eu/access-data/download-data/>) in the period 01/04/2017 to 30/06/2017:

<p>Aberystwyth University Agence française pour la biodiversité Amec Foster Wheeler AZTI-Technalia Bangor University burdGIS Ca' Foscari University Cairo University Cefas CEH Cellule de Suivi du Littoral Normand Centro do Ciencias do Mar Channel Coastal Observatory CNR Compass Informatics Cranfield University CSIC Danish Technical University De Nederlandse Vissersbond Division para la Proteccion del Mar DTU AQUA Environment Agency (UK)</p>	<p>MarineSpace Ltd Maynooth University Metria AB MKK - University of Turku Muséum national d'Histoire naturelle National Marine Fisheries Research Institute Natural Power Newcastle University Istituto Nazionale di Oceanografia e Geofisica Sperimentale Open Seas Personal Plymouth Univeristy Politecnico di Milano Pusan National University Regional Council of Satakunta Royal Netherlands Institute for Sea Research Senckenberg Biodiversity and Climate Research Centre SHOM University of Southern Denmark</p>
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<p>Ecopath International Initiative</p> <p>EEA</p> <p>Envision Mapping Ltd.</p> <p>ERM</p> <p>ESA-IPVC</p> <p>ETC-UMA-CSIC</p> <p>Fugro</p> <p>GMIT</p> <p>GoBe Consultants Ltd</p> <p>GRID-Arendal</p> <p>Hellenic Centre for Marine Research</p> <p>Heriot-Watt University</p> <p>icm-csic</p> <p>ICNF</p> <p>IEO</p> <p>IHM</p> <p>ILVO</p> <p>Institute for coastal Marine Environment - Italian National Research Council</p> <p>Institute of Marine Sciences (ISMAR-CNR)</p> <p>IOW</p> <p>IPMA, Portugal</p> <p>ISPRA</p> <p>Università Iuav di Venezia</p> <p>JBA Consulting</p> <p>jrc</p> <p>Koç University</p> <p>MacArthur Green</p> <p>Maersk Oil</p> <p>Marine and Freshwater Research Institute</p> <p>Marine Institute</p> <p>Marine Scotland</p>	<p>SPF Economie Belgium</p> <p>Station Biologique de Roscoff</p> <p>Tethys Research Institute</p> <p>University College London</p> <p>Universidad de Las Palmas de Gran Canaria</p> <p>Ulster University</p> <p>UNESCO-IHE</p> <p>Universidad Nacional Agraria La Molina</p> <p>UNEP-WCMC</p> <p>University of Hull</p> <p>University Colorado Boulder</p> <p>Universidade de Aveiro</p> <p>Universita di IUAV</p> <p>Universitat de Vic</p> <p>University College Cork</p> <p>University of Aberdeen</p> <p>University of Alicante</p> <p>University of Barcelona</p> <p>University of Bristol</p> <p>University of Gothenburg</p> <p>University of Groningen</p> <p>University of Hamburg</p> <p>University of Helsinki</p> <p>University of Minho, Portugal</p> <p>University of St Andrews</p> <p>University of Stuttgart, Germany</p> <p>University of the Aegean</p> <p>University of the Azores</p> <p>VLIZ</p> <p>Wageningen Marine Research</p> <p>Water Insight</p> <p>Wood Group</p> <p>WSP</p>
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Indicator 6 - Using user statistics to determine the main pages utilised and to identify preferred user navigations routes

This information is gathered by Google Analytics describing the user statistics for key web pages in the period 01/04/2017 to 30/06/2017.

page description	page address	Number of unique visitors	How many users end their visit on this page	Average residence time on page (mm:ss)
Home page	www.emodnet-	15	3	00:53

	seabedhabitats.eu			
View data	http://www.emodnet-seabedhabitats.eu/access-data/launch-map-viewer/	713	611	03:47
Download data	http://www.emodnet-seabedhabitats.eu/access-data/download-data/	382	316	01:49
Build custom map	Page no longer available	137	15	00:57
Search metadata	http://www.emodnet-seabedhabitats.eu/access-data/search-metadata/	72	26	00:45

Indicator 7 - List of what the downloaded data has been used for (divided into categories e.g. Government planning, pollution assessment and (commercial) environmental assessment, etc.)

This information is collected from the form that users fill out when downloading data from the download page (<http://www.emodnet-seabedhabitats.eu/access-data/download-data/>) in the period 01/04/2017 to 30/06/2017.

Reason	Proportion of total
Commercial/industry	7%
Education	12%
Exploration/Exploitation surveys	0%
Fisheries	2%
Government	14%
NGO/Charity	0%
Personal use	4%
Research	59%
Other	1%

Indicator 8 - List of web-services made available and user organisations connected through these web-services

No change from the previous reporting period. Data on organizations connecting to web services is not currently available.

Metadata is available through a Catalogue Service for the Web via the ICES GeoNetwork. Mapping data are available through an OGC-compliant Web Mapping Service:

<http://www.emodnet-seabedhabitats.eu/access-data/web-services/>