



EMODnet



European Marine
Observation and
Data Network

EMODnet Thematic Lot n° 4 – Chemistry

EASME/EMFF/2016/1.3.1.2

Start date of the project: 06/03/2017 - (24 months)

EMODnet Phase III – Quarterly Progress Report (5th)

Reporting Period: 01/04/2018 – 30/06/2018



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1 Highlights during the reporting period

*Provide a short summary of the key achievements and/or events of interest to a wider audience within this reporting period you wish to highlight. **Please make sure that progress in each of the tasks specified in Section 1.4.1 of the Tender Specifications is covered. For those tasks not experiencing significant progress, please state so.** In addition, you can (but not required) also consider the indicators or any other of the reporting sections.*

[Please, provide a bullet list of maximum 1 bullet point per Tender task; and potentially max 10 main points/highlights with short explanations. Max 2 pages.]

The highlights for the period April-June 2018 are listed below:

- Task 1. All data providers were active in populating EMODnet Chemistry data infrastructure with contaminants and litter data (numbers of restricted and unrestricted data supplied detailed in Indicator 2), to make data interoperable, findable and accessible.
- Intensive interaction took place with JRC for beach litter data aggregation and harmonization. The data compiled by JRC from MS and from various sources for baselines covers the period 2012-2016 with more than 20 different formats, converted to EMODnet format.
- Task 2. There has been an intensive dialogue with EEA for data products delivery. The updated collections of nutrients, chlorophyll and oxygen data have been delivered for the six Sea-basins after validation, harmonization and aggregation. In addition, dedicated collections of contaminants data for the Mediterranean and Black sea regions were created and delivered to EEA to test the process and to cover the gaps in data that EEA is experiencing for those regions.
- The beach litter database compilation includes data from 27 countries concerning 509 beaches monitored with 6289 surveys, which implicates a total of 448883 data insertions. Details of protocols used are available and the data are plotted at European scale.
- Task 3. The validated, harmonised and aggregated data collections are provided with DOIs to make them citable and DOI landing pages to acknowledge originators and linking to the full product metadata. The marine litter data are shared with the TG ML as part of the cooperation for a European approach in which EMODnet is playing already an important role and a further perspective is foreseen in support of DG ENV for MSFD implementation.
- Task 4. The EMODnet Chemistry web portal has been updated with Sextant entries and DOIs landing pages describing the new validated, harmonised and aggregated data collections, adding extra news and events, media and papers released, project documents and a use case. Particular attention was given to styling to satisfy the provided guidelines and increase the quarterly **Visual harmonisation score**. Effort was also dedicated to arrange registration of users and their motivations when downloading data products (through OceanBrowser, Sextant and DOIs).

- Task 5. Dialogue with four RSCs has been maintained through the participation to the MSFD Technical Groups (on Data and Marine Litter). Further contacts with INFO/RAC were undertaken during the trimester to finalise the Collaboration Agreement aiming to improve marine data management in the Mediterranean region by adopting and adapting EMODnet Chemistry standards and tools and by encouraging data sharing from additional data centres.
- Task 6. EMODnet Chemistry contributed to the 6th International Marine Debris Conference, San Diego (USA), 12-16 March 2018 sharing the standards and formats used for marine litter. EMODnet Chemistry contributes to the Community White Papers on EMODnet and on marine debris observations.
- Task 7. Challenge for the period was the implementation of additional fields to allow the systematic computation of the Indicators defined by the Secretariat.
- Task 8. The help desk is kept operational with most of contacts coming from the on-line chat, available for all web pages in the Chemistry portal.

2 Challenges encountered during the reporting period

Provide an overview of the main challenges encountered during the reporting period and the measures taken to address them, including those related to technical and data provision issues.

[Please, provide information in the table.]

Main challenge	Measures taken
Datasets release to EEA	Adjustment of project timing to match EEA needs
Data collection for contaminants	Adjustment of project timing, also in consideration of other commitments
Homogenisation of beach litter data from JRC for Baselines	Additional efforts were dedicated to the task to match Baselines timing
Compute new indicators	Communication within the technical working group to set the proper tools and with Matomo administrator to save the needed information
GDPR	Dialogue with Secretariat. The possibility to get a formal legal advice will be discussed at the next Steering Committee

3 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
04/04/18	N/A	Helpdesk online chat: Questions about SDN licence and unrestricted access, and about duplicates in SDN RSM	3 minutes
05/04/18	N/A	Helpdesk online chat: How to use the downloaded ODV files	Less than 1 minute
09/04/18	N/A	Helpdesk online chat: Data request sea floor litter: timeseries for a statistic course in university	17 minutes
12/04/18	ICES	Use case: ICES and EMODnet Chemistry providing a comprehensive European data source for the European Environment Agency	N/A
23/04/18	British Oceanographic Data Centre (BODC)	Helpdesk online chat: Reported broken link	Less than 1 minute
11/5/18	EMODnet Secretariat	Helpdesk e-mail: Reported malfunctioning OceanBrowser as a result of GeoServer problem	8 minutes
18/06/18	N/A	Helpdesk online chat: How to use the downloaded ODV files	Less than 1 minute
18/06/18	N/A	Helpdesk online chat: How to use the downloaded ODV files	Less than 1 minute
18/06/18	N/A	Helpdesk online chat: How to use the downloaded ODV files	Less than 1 minute
18/06/18	N/A	Helpdesk online chat: How to use the downloaded ODV files	10 minutes
18/06/18	N/A	Helpdesk online chat: How to use the downloaded ODV files	4 minutes

The 5 records from 18/06/18 are from the same user.

4 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.)
27/03/2018	Trieste, Italy	Workshop	O	OGS-JRC bilateral workshop to discuss beach litter data collection. Timeline with agreement on future steps.
3-5/4/2018	Liege, Belgium	Workshop	A	DIVA workshop. Important technical update on DIVA tool. Attended by Regional Leaders.
9/4/2018	On-line	Meeting	O	Videoconference with EEA. Agreement for sending them the aggregated data collections.
13/4/2018	On-line	Meeting	O	Videoconference on Marine data and INSPIRE to evaluate cooperation for standard adoption.
13/4/2018	On-line	Conference	O	Data products videoconference. *
16-17/4/2018	Barcelona, Spain	Conference	A	EMODnet Ingestion plenary meeting.
18-19/4/2018	Split, Croatia	Conference	A	2018 MEDITS Coordination Meeting. Agreement on cooperation and data exchange.
20/4/2018	Athens, Greece	Workshop	A	HarmoNIA stakeholder workshop. Dissemination of EMODnet standards and results.
26/4/2018	On-line	Conference	O	Data products videoconference. *
15/5/2018	On-line	Conference	O	Data products videoconference. *
7/6/2018	On-line	Conference	O	Data products videoconference. *
8/6/2018	Trieste, Italy	Conference	O	EMODnet Day - Italia: Marine data for the industry and the private sector towards sustainable development. Dissemination.
12/6/2018	On-line	Meeting	O	Meeting with EEA. Agreement on Marine Litter Watch data exchange.

26-27/6/2018	Larnaka, Cyprus	Conference	A	11th meeting of the MSFD TG Marine Litter. Updating activities for getting endorsement.
28/6/2018	Larnaka, Cyprus	Conference	A	MSFD Baselines meeting. Presentation of EMODnet Beach litter database adopted for Baselines computation at European scale.
SUM of O			9	(Total # of meetings organised)
SUM of A			6	(Total # of meetings attended)

* Data products videoconferences are periodic working events to align the regional data aggregation and validation activity. Consultation on results and open issues faced by the regional leaders preparing the data products.

5 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.)
18/4/2018	Oral presentation	Marine litter data management at European scale EMODnet	2018 MEDITS Coordination Meeting. Agreement on cooperation and data exchange.
20/4/2018	Oral presentation	EMODnet Chemistry data infrastructure	HarmonIA (Harmonization and Networking for contaminant assessment in the Ionian and Adriatic Seas) stakeholder workshop. Purpose: Dissemination of EMODnet standards and results. Result: Adoption of EMODnet Chemistry standards and tools for data management
8/6/2018	Oral presentation	Multiple presentations of activities and use cases.	EMODnet Day – Italia: Marine data for the industry and the private sector towards sustainable development. Purpose: Dissemination. Activity: Distribution of promotional material. Result: 4 press clippings.
26/6/2018	Oral presentation	EMODnet - Marine litter	MSFD TG –DATA meeting. Presentation of the use case: INSPIRE transformation of SeaDataNet nutrients data (from EMODnet Chemistry). Propose: Updating activities for getting endorsement
28/6/2018	Oral presentation	The EMODnet Beach Litter database for the Baseline	MSFD Baselines meeting. Result: EMODnet Beach litter database adopted for Baselines computation at European scale.
SUM of oral presentations	5		(Total # of oral presentations

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.

6 Annex: Other documentation attached

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

7 New monitoring indicators

Please see the attached worksheet.