



European Ocean Observing:

Update on EMODnet Secretariat activities supporting the EC Ocean Observation initiative & contribution to wider fora

17th EMODnet Steering Committee
7-8 November 2022

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Work Package 5 (see 17th SC Document 7)

Task 5.1: Assess benefits of EMODnet Sea-basin Checkpoints (also related to WP1 Task 1.8 on Sea-basin Checkpoint legacy)

Task 5.2: Support DG MARE in advancing activities related to Ocean Observation (OO) governance in the EU through targeted assessments and focused studies

Task 5.3: Continue strengthen dialogue with key European OO actors to align EMODnet with EOOS process

Who?

- Lead: EMODnet Secretariat, including input from European Marine Board
- Stakeholder input from EMODnet experts (Thematic, Data Ingestion and Sea-basin Checkpoint Coordinators) and other key actors in the community

European Ocean Observing activities: Assessment of the benefits of the EMODnet Sea-basin Checkpoints (Task 5.1)

Activity updates:

- **Implementation of Concept note** (focus on year 1 activity)
- **Preparatory desk study:**
 - Review of SBCP reports/outputs to inform the drafting of a series of questions for a tele-meeting with Sea-basin Checkpoint Coordinators, and a subsequent stakeholder survey
 - Inform the stakeholder mapping of key actors to engage in these activities.
- **Targeted dialogues and expert consultations**
 - Dialogue with EMODnet Sea-basin Checkpoint Coordinators
 - Preparation of survey

EMODnet Secretariat WP5 Concept Note for Deliverable 5.2 (Report) Task 5.1: Assessment of the benefits of the EMODnet Sea-basin Checkpoints

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Arctic Checkpoint



Atlantic Checkpoint



Baltic Sea Checkpoint



Black Sea Checkpoint



MedSea Checkpoint



North Sea Checkpoint

European Ocean Observing activities: Assessment of the benefits of the EMODnet Sea-basin Checkpoints (Task 5.1)

- **Consultation step #1: Dialogue with EMODnet Sea-basin Checkpoint Coordinators**

- Tele-meeting 13 October 2023: Participation from the 6 Seabasin Checkpoints coordinators/key representatives.
- Feedback on
 - Strengths and weaknesses
 - SBCP Challenges topics
 - Methodology
 - Geographical range of the Checkpoints
 - Stakeholder co-design and engagement
 - Future evolution



Arctic Checkpoint



Atlantic Checkpoint



Baltic Sea Checkpoint



Black Sea Checkpoint



MedSea Checkpoint



North Sea Checkpoint

‘The greatest legacy of the Sea Basin Checkpoints are the results and the report on the adequacy of data for solving the presented challenges.’ – Quillon Harpham, HR Wallingford

‘We are in the UN Decade moment. We can’t avoid thinking that EU is global in its knowledge and methods. So, we need to involve international partners.’ - Nadia Pinardi, INGV

‘The Sea Basin Checkpoints show added value to the user community who need to know the quality of marine data and the gaps in marine data.’ - Jun She, DMI

Reflecting back / to discuss, based on questions circulated in advance: part 1 – 10’

- For your Sea-basin checkpoint activity(ies), what are the **top 5 lessons** learned that should be considered in potential new exercises?
- What **reflections** do you have **on the methodologies used**.
 - Were **diverse methods** tailored to sea-basins the right approach **or** should they be **more standardized/harmonised**?
 - What would you do differently?
- What **other innovations** could you suggest for the sea-basin checkpoint exercises, if there was funding to conduct a new activity in this area?

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European Ocean Observing activities: Assessment of the benefits of the EMODnet Sea-basin Checkpoints (Task 5.1)

Future activities (Q4 2022 – end 2023)

Consultation Step #2

- Stakeholder survey (for launch November 2022)
- Targeted at the 47 EMODnet SBCP partners & EMODnet Coordinators

Consultation Step #3

- Online stakeholder workshop (24 or 26 January 2023, save-the-date coming soon): invitation-only targeted to EMODnet partners, EMODnet SBCP partners and key actors from the wider community e.g., European Ocean Observing (EuroGOOS, H2020 EuroSea), Data adequacy methodologies (Copernicus OSSEs), users (including private sector) (mapping is ongoing)

Outputs

- Report and Recommendations on the benefits of the EMODnet Sea-basin Checkpoints (March 2023)
- Dissemination and communication of key results (Spring 2023 onwards)
- Sea-basin Checkpoint input to EMODnet Open Conference 2023



Arctic Checkpoint



Atlantic Checkpoint



Baltic Sea Checkpoint



Black Sea Checkpoint



MedSea Checkpoint



North Sea Checkpoint

European Ocean Observing activities: Focused studies and Targeted Assessments on European Ocean Observation 2022-2024 (Task 5.2)

Activity updates:

- Focused desk study & targeted consultation to assess the current status of:
 - National Ocean observation coordination in Europe (focus on EU Member States, study led by EMB). Contact taken up with key national actors in Ocean Observing e.g., EOOS governance groups, GOOS National Focal Points;
 - Marine data coordination at national level in Europe (focus on EU Member States), and the marine data pipeline to EMODnet (study led by EMODnet Secretariat, contributing to strengthen EMODnet at national level). Contact taken up with IODE national representatives

Future activities:

- Report (D5.1) is in progress (for delivery by December 2022) that will summarise the results of the Task 5.2 initial desk study (across both strands of work) and will set out the planning for future targeted assessments in 2023.

EMODnet Secretariat WP5

Concept Note for Deliverables 5.1 and 5.3 (Reports)
Task 5.2: Focused studies and Targeted Assessments on
European Ocean Observation 2022-2024

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1 Introduction

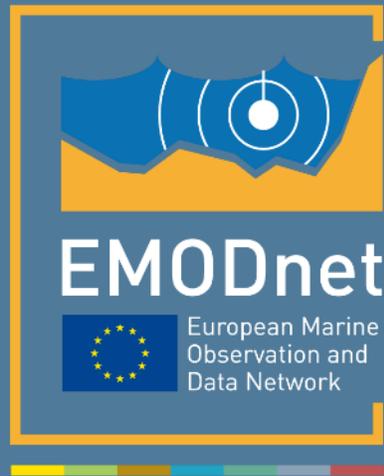
To respond to the ongoing lack of coordination in ocean observation and marine monitoring, the European Commission (EC) Directorate-General for Maritime Affairs and Fisheries (DG MARE) launched the EC Ocean Observation – sharing responsibility initiative¹ in 2020. A consultation launched in the framework of this initiative in 2020-2021 gathered feedback from over 150 stakeholders (including the EMODnet Secretariat) on the needs, requirements and opportunities for strengthened coordination at national level across marine and coastal data collection efforts. In addition, the European community of ocean observation, marine monitoring and wider data collection efforts and stakeholders across the marine knowledge value chain continue to strengthen the connection, dialogue and joint activities in the context of EMODnet flagship events and wider activities and events organised by the wider European Ocean Observing system (EOOS) community.

European Ocean Observing activities: Continue strengthen dialogue with key European OO actors to align EMODnet with EOOS process (Task 5.3)

Date	EMODnet Secretariat WP5: Representation and participation in EOOS context
14 June 2022	EMODnet – EMB progress meeting
23 September 2022	EOOS Steering Group, EMODnet Secretariat participating (member), to review the EOOS Terms of Reference, EOOS Strategy 2023-2027 and EOOS Roadmap for Implementation 2023-2027
26 September 2022	EMODnet – EMB progress meeting
10 October 2022	EOOS Steering Group (intersessional meeting), to finalise the EOOS Roadmap for Implementation 2023-2027
11 October 2022	EMODnet – EuroSea (GEOMAR) – EMB tele-meeting (contribution to Task 5.1 to align EuroSea activities in ocean observation gaps and requirements with EMODnet Sea-basin Checkpoints), EMODnet Secretariat co-organiser and participant (building on first meeting on 1 April 2022)
12 October 2022	7 th Argo Science Workshop, EMODnet Secretariat participant and interviewee for Euro-Argo communication activities
13 October 2022	EMODnet Sea-basin Checkpoint Coordinator tele-meeting (Task 1.8 and Task 5.1), EMODnet Secretariat organiser
<i>Upcoming meetings until end 2022</i>	
8 November 2022	EOOS Advisory Committee, EMODnet Secretariat participating (observer)
9 November 2022	EOOS Operations Committee, EMODnet Secretariat participating (observer)
7 December 2022	EOOS Resource Forum, EMODnet Secretariat participating (observer)

Upcoming documents by the European Ocean Observing Community:

- EOOS Strategy 2023-2027;
- EOOS Roadmap to Implementation 2023-2027.



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