

# Standards and Best Practices in Ocean Observation

**(CINEA/EMFAF/2023/3.5.1)**

**Presentation to the IENWG group**

15<sup>th</sup> April 2024

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# Standards and Best Practices in Ocean Observation Contract Service

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# Standards and Best Practices in Ocean Observation Contract Service

## OBJECTIVES

- The objective of this tender is the development and testing of an information system for assembling and disseminating best practices and standards in ocean observation. This should be user-friendly to easily identify, access, and utilize best practices and standards in the field of ocean observation.
- “Ocean observation” encompasses all in situ observations of the state and dynamics of the ocean and its physical, chemical and biological components within and beyond the jurisdiction of EU Member States, with the exception of observations made from Earth-orbiting satellites.
- One further objective of the information system is to facilitate to streamline and promote the use of the commonly-used and community recognized best practices and established standards, as well as to enhance the quality and consistency of sampling, analysis, measurements, data processing and management, and other applications within the field of ocean observation.



# Standards and Best Practices in Ocean Observation Contract Service CONSORTIUM

- 7 partners
- highly experienced team
- required technical capacity and needed expertise covered



## Advisory board:

- Not Hydrographic Office: Kate Larkins (EMODnet), Neil Holdsworth (ICES), Inga Lips (EuroGOOS), Kevin O'Brien (NOAA), Paul van Ruth, Rachel Przelawski (NSW Dpt of Primary Industries Fisheries), Nicolas Pade (EMBRC)
  - Hydrographic Office: Joao Vitorino (Insituto Hidrografico), Patrick Gorringe (SMHI)
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# Standards and Best Practices in Ocean Observation Contract Service

## ACTIVITIES

Literature/Assets  
Collection and  
analyses, and system  
level requirements

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WP1

- Task 1 - Literature Review
- Task 2 Analysis of best practices and standards

Design and  
development of the  
ECOBPSS

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WP2

- Task 3 - IT Platform Development

ECOBPSS maintenance

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WP3

- Task 6 - Maintenance

Project Management  
and Stakeholder  
engagement

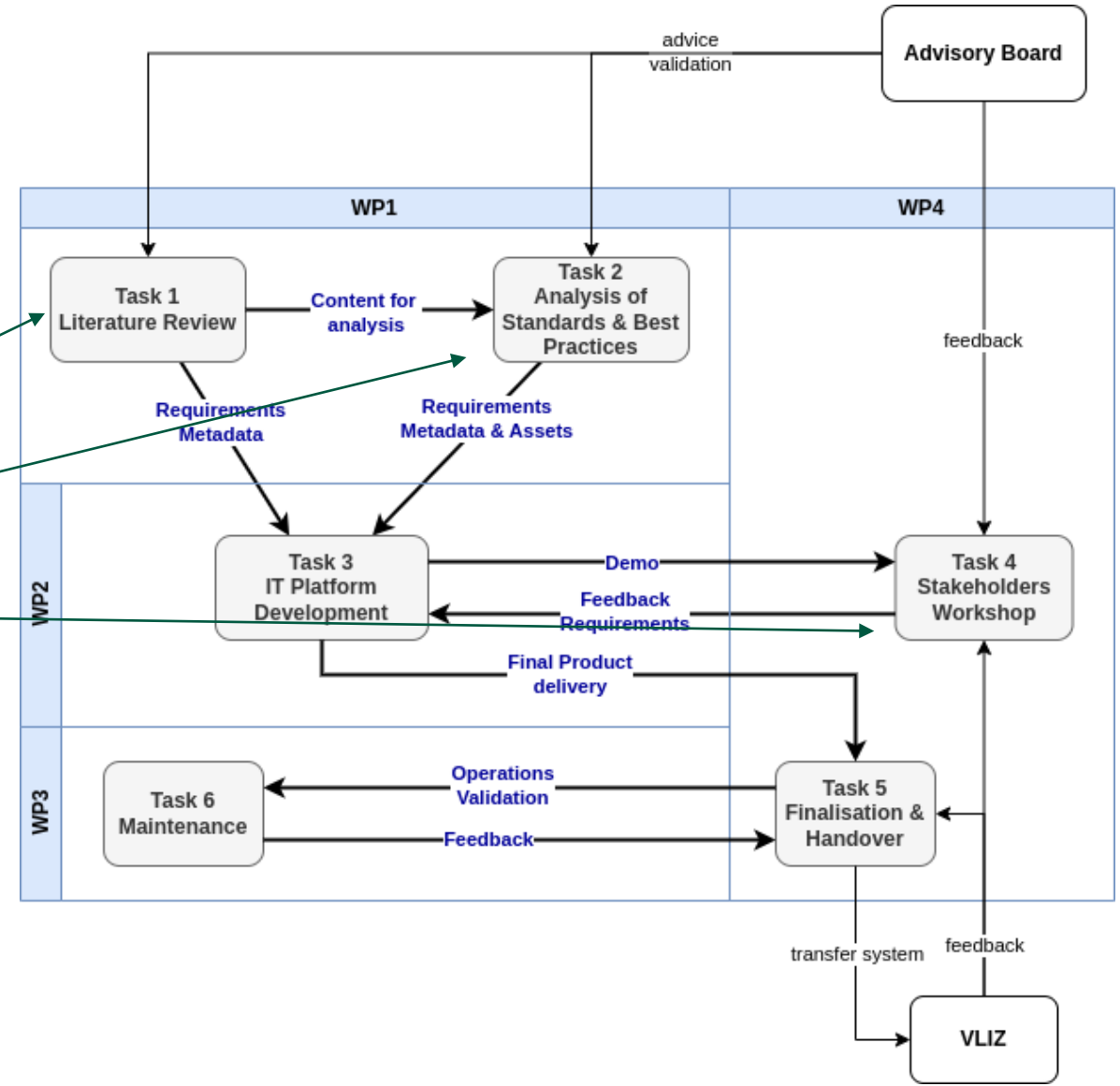
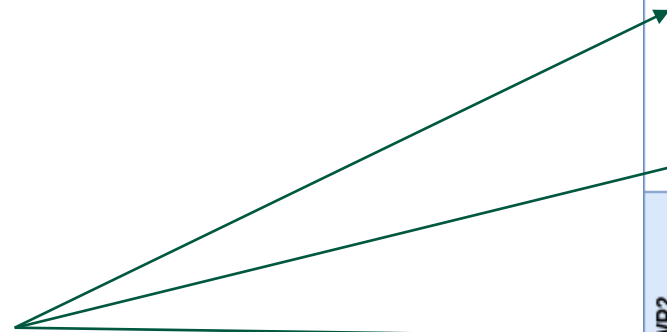
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WP4

- Task 4 – Stakeholders Workshop
  - Task 5 - Finalization and Handover
  - Project management (Added Task)
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## ACTIVITIES



Will inform IENWG members of the Task 4 workshops for feedbacks on the results



# Standards and Best Practices in Ocean Observation Contract Service

## WP1 Literature/Assets Collection and analyses, and system level requirements

### ✓ Objective:

- Identify sources of existing Best Practices and Standards and analyse them
  - Develop a classification and nomenclature for the type of standard or best practice.
  - Determine metadata for the standards and best practice that facilitate discovery
  - Identify standard that are already European or international standards
  - Identify best practices with details for completeness, acceptance, established and documented through EU processes
  - Identify areas where there are overlapping or duplicated standards or best practices
  - Identify areas where a request could be made for standard under the Union work programme for European standardization
  - Prepare a short summary of each standard or best practice identified
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## WP1 Literature/Assets Collection and analyses, and system level requirements

### ✓ Input:

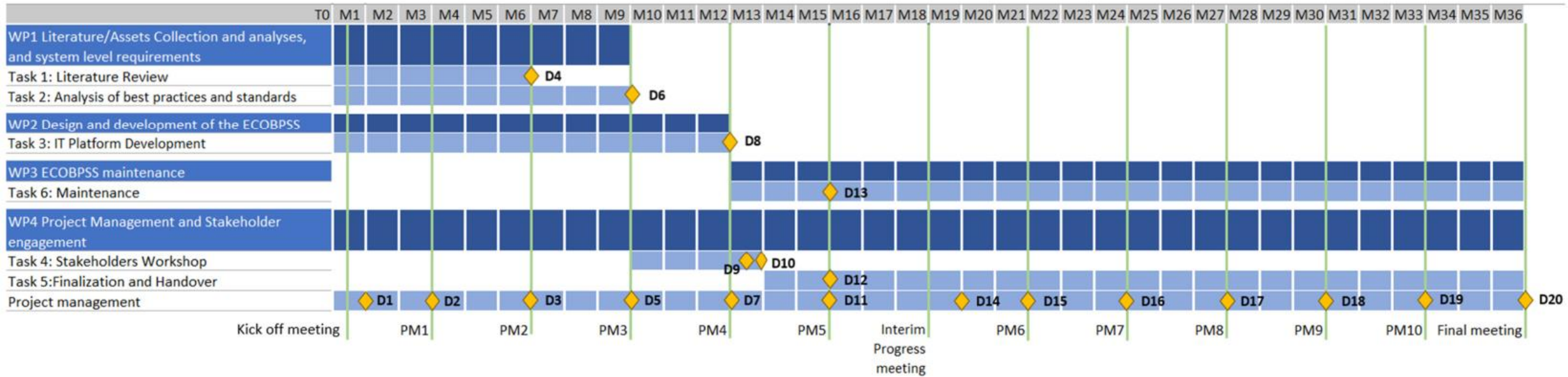
- Sources from Ocean Best Practices System Repository, Regional Sea Conventions Monitoring Guidelines,...
- Implemented ontologies and controlled vocabularies
- Endorsement methodology developed by OBPS/GOOS.
- Maturity levels identification schema developed in the framework of JERICO-S3.
- OBPS metadata and document guidelines for approved practices and standards
- FAIR and CARE Principles guidelines.
- Standards organization policies for access to their standards.
- European policies for standards and best practices.
- Open access guidelines (CC BY, etc).





# Standards and Best Practices in Ocean Observation Contract Service

## Timeline





**RÉPUBLIQUE  
FRANÇAISE**

*Liberté  
Égalité  
Fraternité*



L'océan en référence

Thank you  
for your attention!