

# ALL OCEAN OBS

## STUDY FOR REPORTING OBLIGATIONS FOR OCEAN OBSERVATION

CINEA/EMFAF/2021/3.4.9

# Coordinated by Eurogoos With 7 partners

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The tender relates to the European Union initiative “Ocean Observation Sharing Responsibility” which aims to achieve a coherent approach to European ocean observing

- Create a digital environment for the Member States to report their ocean observing activities
- Leading to transparent and improved planning, including joint planning by the EU Member States from the same ocean basin



# Standards for Observation

## Approach:

An analysis of the OO standards will be performed:

ICES and EMODnet standards, standards defined or adopted to measure and report GOOS EOVs and variables required for reporting to national, EU and international authorities and bodies to meet EU legislation, ISO17025 standards/best practices (OPBS)

Feedback from ocean observing partners (scientists, stakeholders, end users of data) on the ocean observation standards will be collected

## Outcome:

overview of the current standards and best practices used to measure and report the Essential Ocean Variables (EOVs) and bathymetry compiled and evaluated

**Output:** Report on the use of global, European or sea-basin standards in observation of physical, chemical, biological, geological or bathymetrical parameters

# Reporting Template for observation campaigns

## Approach:

The reporting template will be designed according to INSPIRE principles to enable interoperability and based on existing and well-accepted standards:

the information needs from different bodies will be analysed and assessed, and the existing observation reporting initiatives will be explored (WP1)

the reporting template will be co-developed and tested with the representatives of two countries (France, Sweden) the reporting template will be validated, and acceptance assessed through stakeholder consultations **On 20<sup>th</sup> June Online Stakeholder meeting. You are invited!**

A detailed instruction manual, in HTML format, will be prepared

## Outcome:

on-line template for reporting ocean observation campaigns, complemented with the detailed instruction manual

# Prototype on-line map viewer and design of a web page

Prototype online map viewer / webpage to host the portal and disseminate the project outputs

## Approach:

A web portal hosting an online map viewer (digital map) will be produced showing the collected observation plans:

- locations, timing, parameters, etc. of running and planned observational campaigns**
- ability to choose between two ocean observation metadata update tools: a web form (HTML) and a XML upload feature
- metadata dictionaries and standard vocabularies will be linkable and discoverable

**Discussion around the digital map will be opened during the 20<sup>th</sup> June Online Stakeholder meeting. You are invited!**