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OFFICE TEAM

Inga Lips
Secretary General

Dina Eparkhina
Senior Policy and Communications Officer

Vicente Fernandez
Science Officer

Ana-Lara Lopez
Science Officer

Orla Colligan
Administrator

Ruxandra Bosilca
Communications Officer

Erik Buch
Senior Consultant

http://eurogoos.eu/secretariat/

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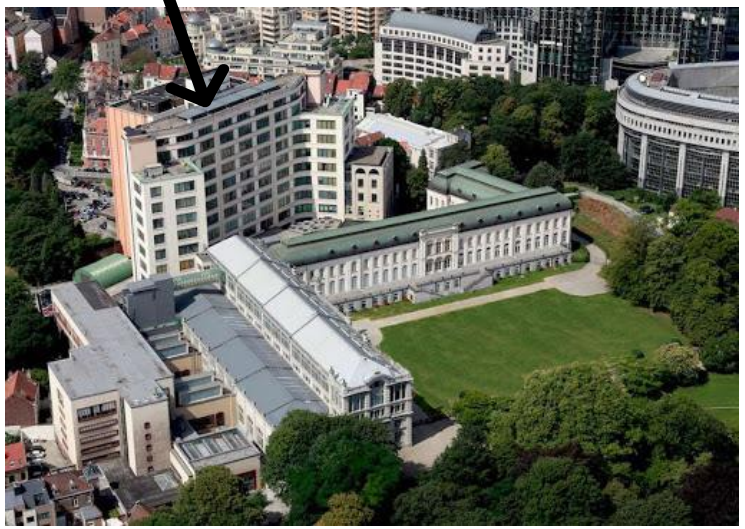
OFFICE



Office is housed by the Royal Belgian Institute of Natural Sciences in the Brussels EU district

Rue Vautier 29, 1000 Brussels

- Moved in November 2019
- 5 work stations in an open space and a Secretary General office
- RBINS meeting rooms available free or for rent

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EXECUTIVE BOARD

Name	Country	Gender (F/M)	Elected as Board member – 1st mandate	Re-elected as Board member – 2nd and last mandate	Elected as Chair / Vice-Chair – 1st mandate
George Petihakis, Chair	Greece	M	2015-2018		2018-2021
Henning Wehde, Vice-Chair	Norway	M	2016-2019		2018-2021
Patrick Farcy	France	M	2016-2019	2019-2020 (retirement in Dec. 2020)	
Holger Brix	Germany	M	2019-2022		
Rosalia Santoleri	Italy	F	2015-2018	2018-2021	
Enrique Alvarez Fanjul	Spain	M	2018-2021		
Ghada El Serafy	Netherlands	F	2020-2023		

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EuroGOOS STRATEGY 2030

VISION

A world where ocean information is available, valued and used for sustainable development, safety, wellbeing and prosperity

MISSION

Contribute, as European component of GOOS, to the definition, support, promotion and implementation of operational oceanography, ocean health and climate services, fostering the scientific understanding of the European seas, as well as its preservation and sustainable exploitation

STRATEGIC OBJECTIVES

1: Communities of practice

2: Advocating for the operational oceanography value chain

3: Partnerships

4: Sustained value chain

5: Public awareness

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EXTERNAL REVIEW

EU and global marine landscape, strategy and scope, role and effectiveness of projects, governance of the organisation

Review panel members:

- Mark Dickey-Collas – review panel chair
- Bernardo De Bernardinis
- Hans Dahlin
- Tim Moltmann
- Katy Hill
- Kathrine Angell-Hansen

Review process, Aug-Oct 2020:

- Background documents prepared by the Office
- Virtual meetings
- Attendance of the open sessions of the GA, Sept
- Report 15 October

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EuroGOOS Working Groups

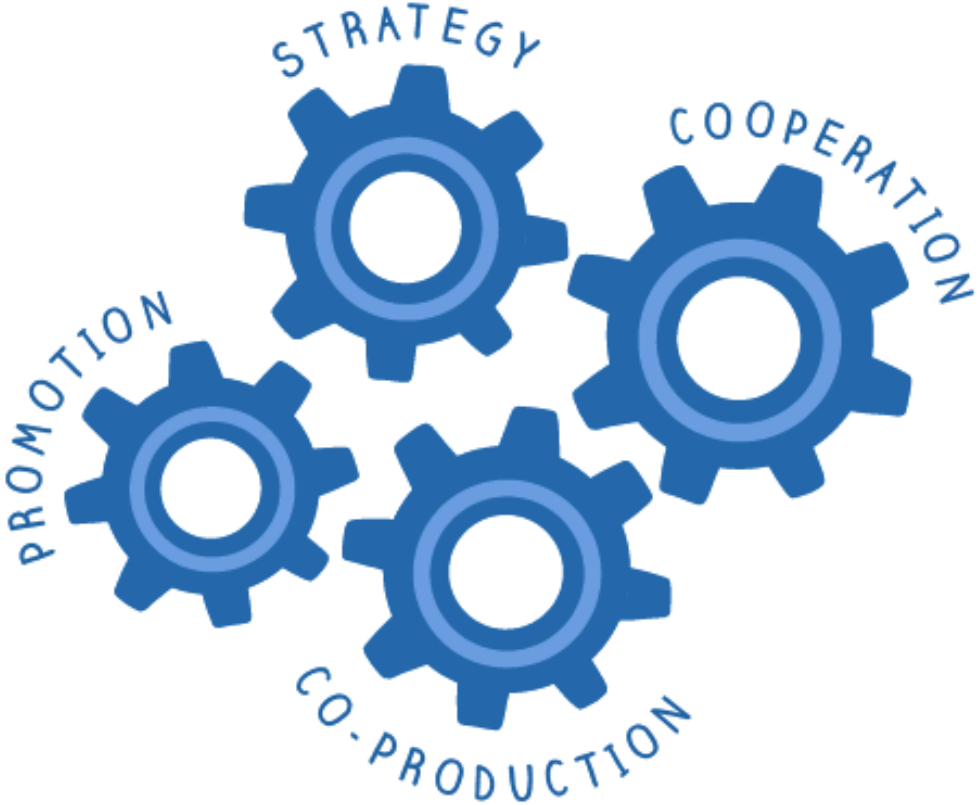
Science Advisory, SAWG (Chair: Jun She, DMI, Denmark)

Data Management, Exchange and Quality, DATAMEQ (Chair: Sylvie Pouliquen, Ifremer, France)

Technology Plan, TPWG (Co-Chairs: Rajesh Nair, OGS, Italy, and Laurent Delauney, Ifremer, France)

Coastal WG (Chair: Ghada El Serafy, Deltares, Netherlands; Vice-Chair: Anna Rubio, AZTI, Spain)

Ocean Literacy Network (coordinator: Dina Eparkhina, EuroGOOS Office)



http://eurogoos.eu/working-groups/

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EOOS 1st Technology Forum

Organized by
EuroGOOS **Technology Plan Working Group**
in the frame of the Sea Tech Week
on 13 October 2020

http://www.eoos-ocean.eu/eoos-technology-forum/

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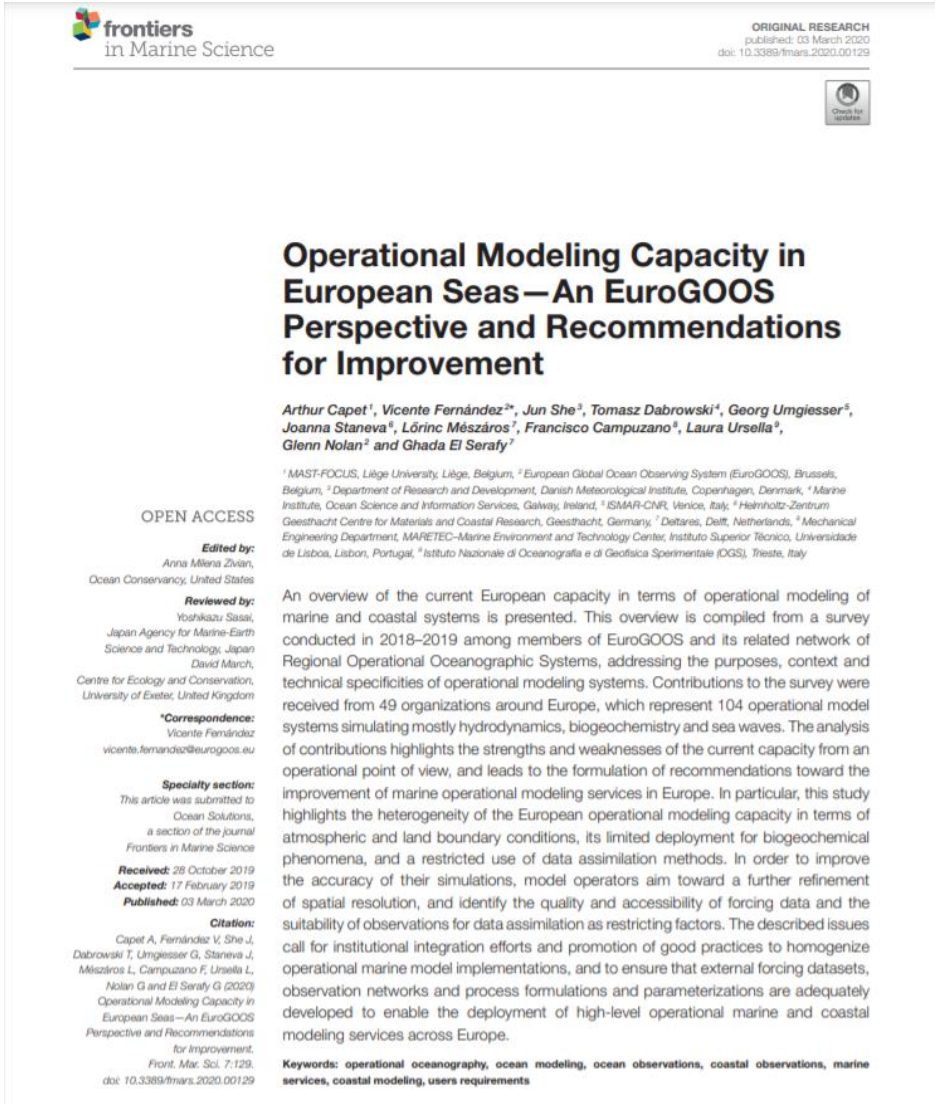
Coastal WG



frontiers in Marine Science

ORIGINAL RESEARCH
published: 03 March 2020
doi: 10.3389/fmars.2020.00129

Operational Modeling Capacity in European Seas—An EuroGOOS Perspective and Recommendations for Improvement

Arthur Capet[1], Vicente Fernández[2], Jun She[3], Tomasz Dabrowski[4], Georg Umgiesser[5], Joanna Staneva[6], Lőrinc Mészáros[7], Francisco Campuzano[8], Laura Ursella[9], Glenn Nolan[2] and Ghada El Serafy[7]*

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OPEN ACCESS

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Capet A, Fernández V, She J, Dabrowski T, Umgiesser G, Staneva J, Mészáros L, Campuzano F, Ursella L, Nolan G and El Serafy G (2020) Operational Modeling Capacity in European Seas—An EuroGOOS Perspective and Recommendations for Improvement. Front. Mar. Sci. 7:129. doi: 10.3389/fmars.2020.00129

An overview of the current European capacity in terms of operational modeling of marine and coastal systems is presented. This overview is compiled from a survey conducted in 2018–2019 among members of EuroGOOS and its related network of Regional Operational Oceanographic Systems, addressing the purposes, context and technical specificities of operational modeling systems. Contributions to the survey were received from 49 organizations around Europe, which represent 104 operational model systems simulating mostly hydrodynamics, biogeochemistry and sea waves. The analysis of contributions highlights the strengths and weaknesses of the current capacity from an operational point of view, and leads to the formulation of recommendations toward the improvement of marine operational modeling services in Europe. In particular, this study highlights the heterogeneity of the European operational modeling capacity in terms of atmospheric and land boundary conditions, its limited deployment for biogeochemical phenomena, and a restricted use of data assimilation methods. In order to improve the accuracy of their simulations, model operators aim toward a further refinement of spatial resolution, and identify the quality and accessibility of forcing data and the suitability of observations for data assimilation as restricting factors. The described issues call for institutional integration efforts and promotion of good practices to homogenize operational marine model implementations, and to ensure that external forcing datasets, observation networks and process formulations and parameterizations are adequately developed to enable the deployment of high-level operational marine and coastal modeling services across Europe.

Keywords: operational oceanography, ocean modeling, ocean observations, coastal observations, marine services, coastal modeling, users requirements

Planned activities for 2020-2021:

- **Action 2:** Prepare publication based on the river data sources inventory and gap analysis for the European coasts.
- **Action 3:** Prepare a living database for continuously updating the operational modelling inventory and map.
- **Action 4:** Complete the review on coastal data assimilation. Define a framework for integration and data assimilation of in-situ data into models
- **Action 5:** Complete the integrated near-real time coastal products inventory as an interactive online document. Feedback to relevant EuroGOOS WGs and Task Teams.
- **Action 6:** Complete the vision paper on “Roadmap for coastal services” with the involvement of all coastal working group members and beyond

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EuroGOOS Task Teams

Tide Gauge EuroGOOS Task Team

FerryBox EuroGOOS Task Team

HFRadar EuroGOOS Task Team

Glider EuroGOOS Task Team

Tide Gauges TT (Chairs: Begoña Pérez, Puertos del Estado, Spain, TBA)

FerryBox TT (Co-Chairs: Andrew King, NIVA, Norway, and Yoana Voynova, HZG, Germany)

HF Radar TT (Chair: Julien Mader, AZTI, Spain)

Gliders TT (Co-Chairs: Pierre Testor, Université Pierre & Marie Curie, France, and Carlos Barrera, PLOCAN, Spain)

Euro-Argo TT / Euro-Argo ERIC (Chair: Sylvie Pouliquen, Ifremer, France)

Fixed Platforms TT (Chair: Giuseppe Magnifico, CNR, Italy)

Euro Argo

emso ERIC
EUROPEAN RESEARCH INFRASTRUCTURE CONSORTIUM

EuroSea

http://eurogoos.eu/task-teams/

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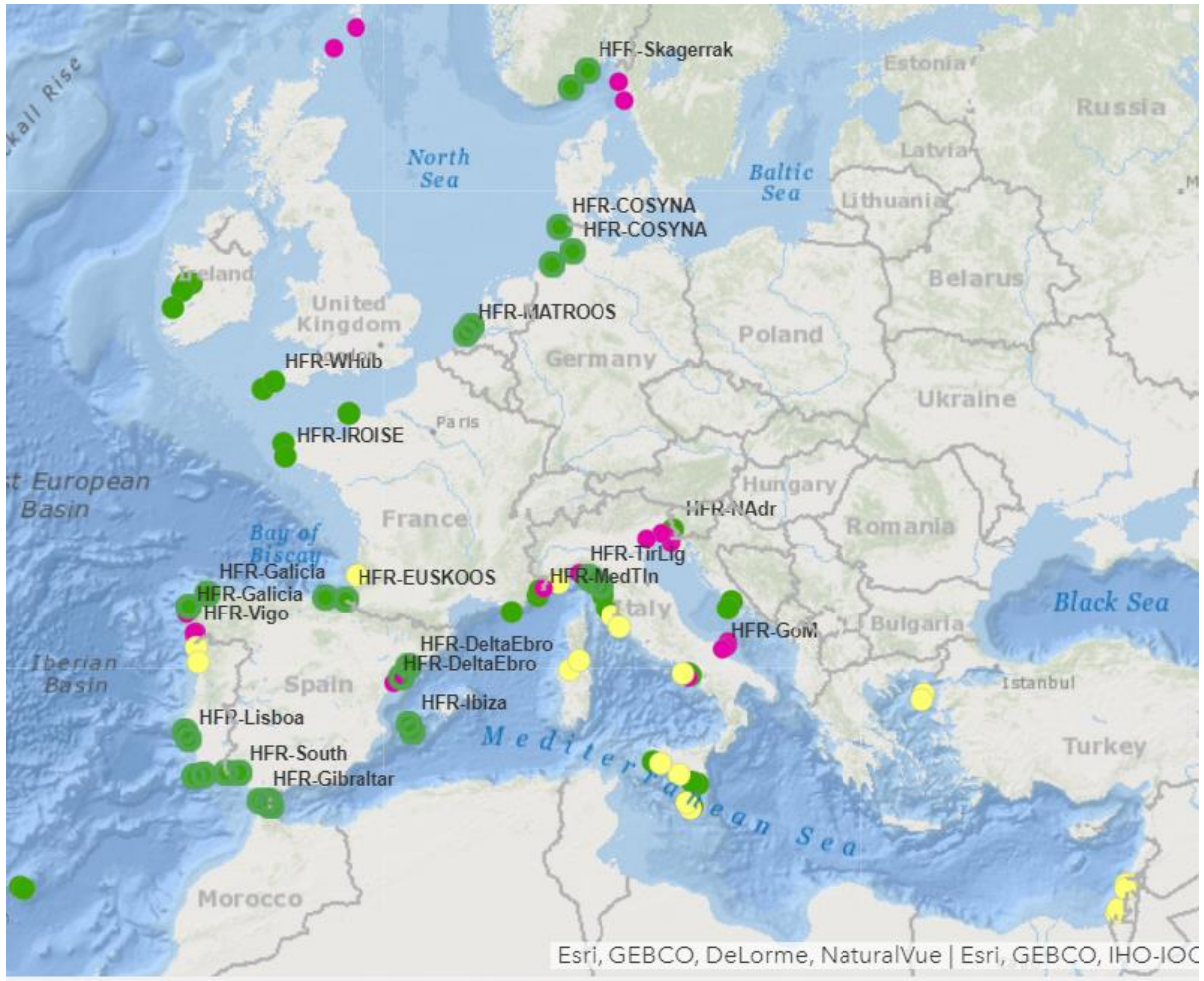
HF Radar TT

EuroGOOS HFR Task Team inventory from March 2020

Interactive Map of locations of the 105 HFRs

The ongoing systems (59) are plotted in green
future installations (20) in yellow
non functioning stations (26) in purple

30 HFRs are connected to the HFR node (pulsing circles)
sending data in near real time



http://eurogoos.eu/high-frequency-radar-task-team/

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Upcoming workshops

3rd Announcement

SMHI is hosting the…

10th FerryBox Workshop and High Frequency Radar Workshop

23-25 March 2021
Gothenburg, Sweden

Note-July 2020: After taking into consideration the CoViD-19 pandemic developments, the organising committee has decided to **postpone the workshop to 23-25 March 2021**.
The committee also decided to arrange two workshops in parallel, and offer a possibility for exchange and synergies between the FerryBox and HF radar communities.

Contact: emilie.breviere@smhi.se

FerryBox EuroGOOS Task Team
HFRadar EuroGOOS Task Team
EuroSea
EMODnet
JERICO S3

EuroSea Tide Gauge EuroGOOS

1st EuroSea Tide Gauge Network Workshop

Status and challenges of in situ sea level measurements from tide gauges

Virtual event hosted by EuroGOOS

12-14 January 2021

The first EuroSea Tide Gauge Network Workshop will bring together the global tide gauge community to share experiences, exchange information on recent activities, and discuss ways to overcome challenges across different geographical regions, while ensuring effective coordination and communication with the Global Sea Level Observing System (GLOSS).

The workshop is a **free** and **virtual** event organized by the EuroGOOS Tide Gauge Task Team and hosted by the European Global Ocean Observing System, EuroGOOS. It marks the first of the two workshops held in the framework of the EuroSea project under the EU Horizon 2020 programme.

The event will include three half-day sessions (**12-14 January 2021**) and will cover the following topics:

- **National experiences from Europe and beyond:** The operators of national tide gauge networks will be invited to share their experiences in a roundtable discussion. Participants will have an opportunity to discuss their main challenges and achievements, data distribution topics, as well as the sustainability of the network and improvement suggestions.
- **New sea level technologies:** During this session, participants will examine the status, challenges, and advantages of existing and experimental technologies such as the Global Navigation Satellite System Multi-Reflectometry technique (GNSS-MR).
- **Data flow:** The session will provide an overview of the different data portals, including their role, main products and applications, and contact details for basic support. The session will also include a discussion on recommendations for synergies and possible improvements in data flow and distribution.

Workshop Organizing Committee:

Puertos del Estado · National Oceanography Centre · Flanders Marine Institute · EuroGOOS

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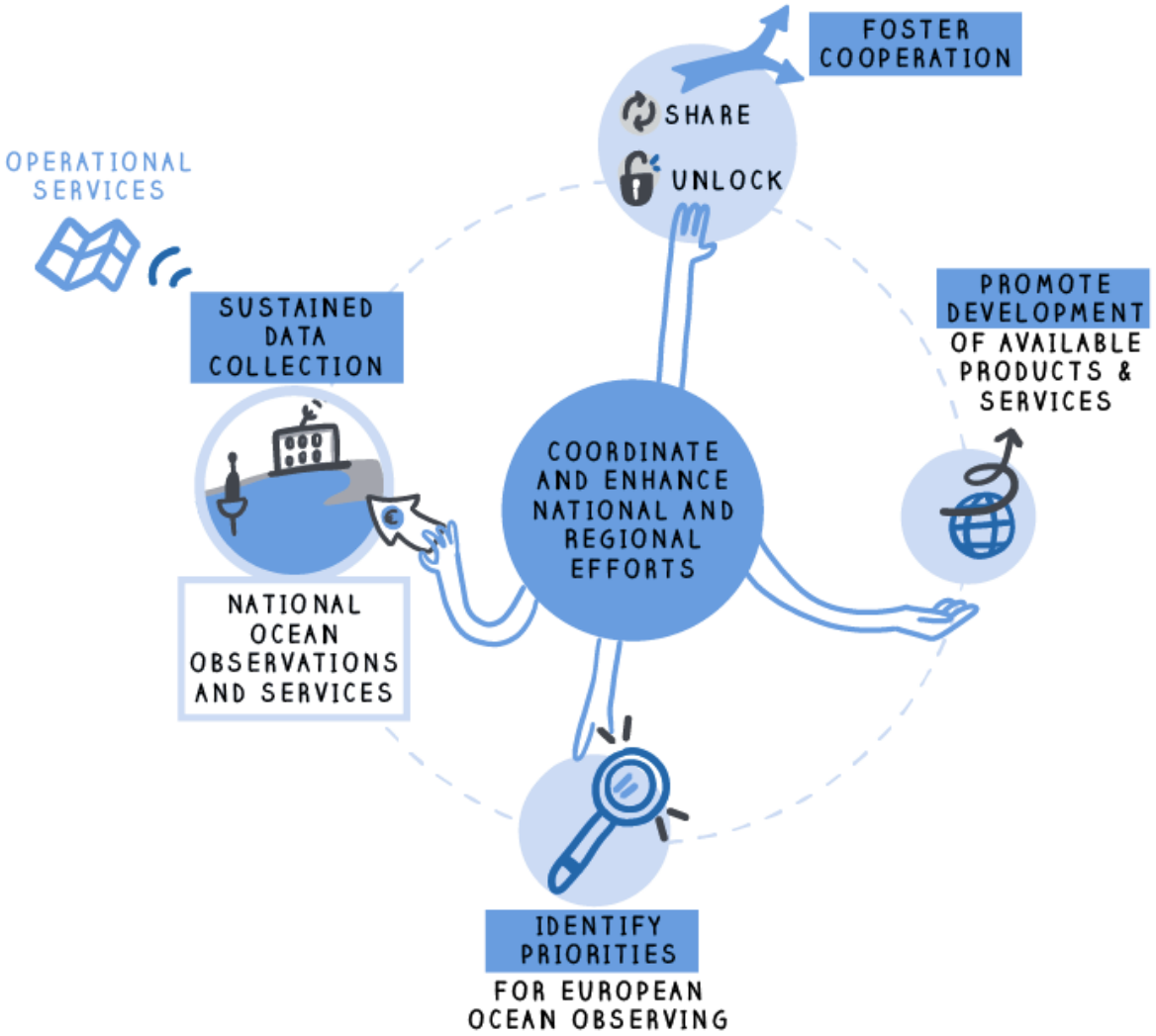
ROOS



http://eurogoos.eu/regional-operational-oceanographic-systems/

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INTEGRATION WORKSHOP 2019

The main **Integration ideas from participants :**

- **EuroGOOS strategy** should be used and **adopted to regions by each ROOS**
- Task Teams and WGs should deliver **best practices** and recommendations to ROOS
- Task Teams (observing platforms) activities may be aligned with overall ROOS strategies
- Task Teams should work closer and interact with WGs
- EuroGOOS should connect strongly with **technological SMEs** and broader users
- ROOS to appoint **ambassadors** to all other activities and engage strongly with WGs and TTs
- Shared **data management** and use of **Research Infrastructures**
- ROOS different needs (depending on regions) to be accommodated
- Vision of integration to be spread among all the members of different activities, not just among the chairs
- Share what works with each other (example IBI area)
- Cooperation in **thematic areas of interest**, e.g. TPWG (EOOS Tech Forum), or coastal WG surveys (modelling) or OL (OL survey)
- Activate inactive groups, especially TPWG, SAWG, Fixed Platforms and Glider (there are already activities for these platforms in EGs but not coordinated).

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Outcomes of the Chairs and Board integration call, 7 September

- Organize regular **Integration workshops** – shorter **virtual meetings on themes** of integration, e.g. data management; **annual workshop** (potentially during the GA)
- Continue appointing **ROOS ambassadors** (NOOS and BOOS have already done this)
- All activities to add **integration as objective in their Terms of Reference**
- How to ensure the **EuroGOOS recommendations are taken up in the projects**? How to ensure continuity of work – not rely on the involvement of the same individual in different activities, but through the EuroGOOS **mechanisms**?
- Transfer of best practices – use the **OBP portal to profile the EuroGOOS recommendations** (put forward from WGs, TT, ROOS but also through the projects with EuroGOOS participation); also use the **EuroSea** OBP page.
- Consider **EU funding to support integration** activities (example, EuroSea and task teams)
- Integration **pilots**:
  - **Data** – ROOS and most task teams are represented already. The bottleneck is to implement the WG recommendations in the EU activities. Recommendations are established at the level of experts but often aren't transferred into the activities.
  - **Ocean Literacy** – reach out to ROOS and through them beyond the EG membership; as well as the task teams. Contribution to the state of play survey; then consider reginal activities.
  - **Coastal** – transfer the paper recommendations
  - **Technological cooperation with SMEs** (EOOS Tech Forum)

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EOOS

Ocean observing in Europe is done by a multitude of actors at national, regional and pan-European levels

The EOOS process will mobilise the ocean observing community to build a common strategic vision and a framework for Europe

EOOS Operations Committee

GOOS National Focal Points in Europe

EuroGOOS ROOSes

EuroGOOS Task Teams

RIs – EuroARGO, ICOS, EMBRC, EMSO, Danubius, LifeWatch, JERICO

MARS, ERVO, ESA, EUMETSAT

1st meeting on 24-25 November 2020

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OCEAN DECADE 2021-2030

2021 2030 United Nations Decade of Ocean Science for Sustainable Development

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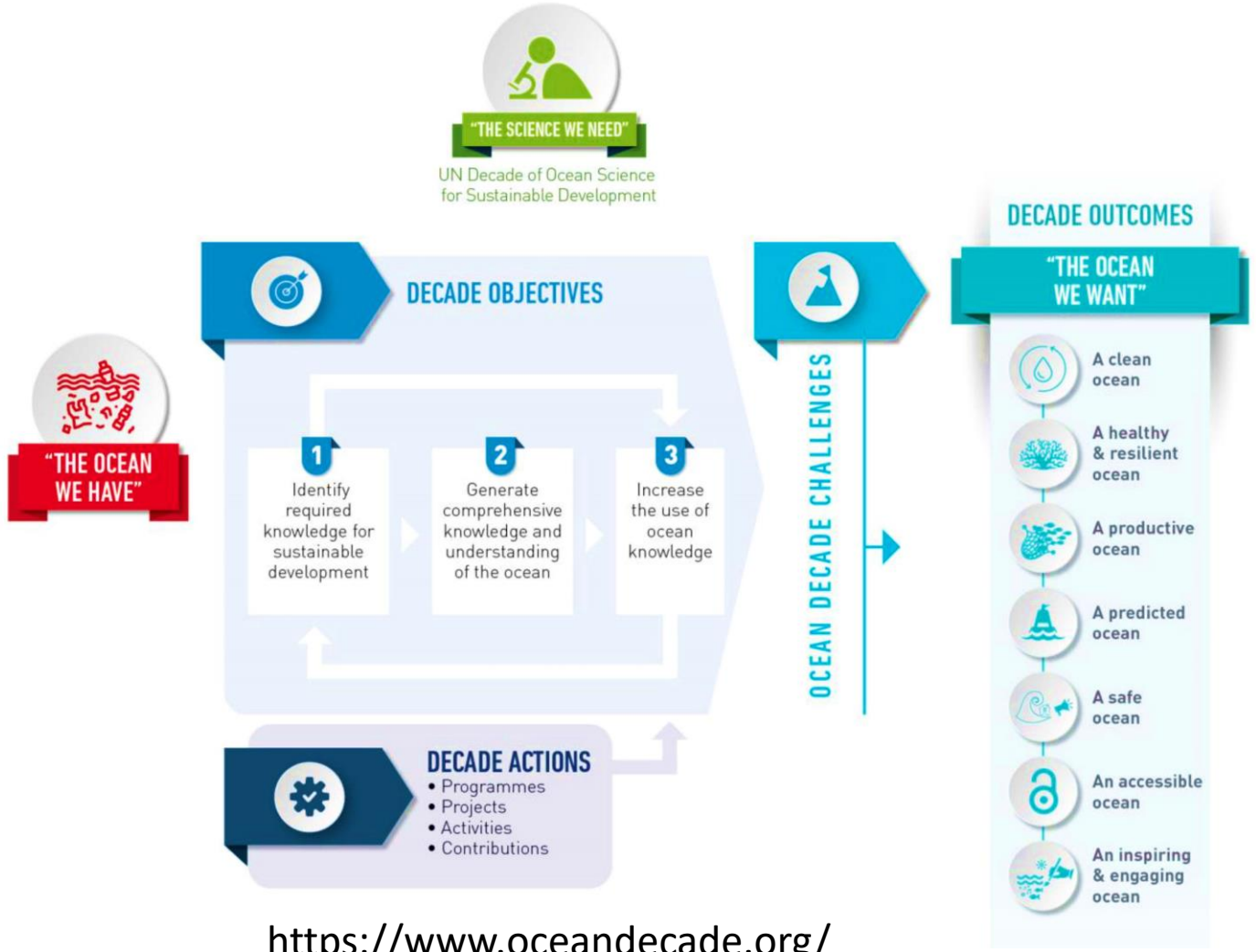
United Nations Decade of Ocean Science for Sustainable Development

2021 – 2030

Implementation Plan

Version 2.0

July 2020



https://www.oceandecade.org/

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OCEAN DECADE 2021-2030

2021 2030 United Nations Decade of Ocean Science for Sustainable Development

Decade Action Hierarchy

Decade Programme

- Global or regional in scale
- To fulfil one or more of the Decade objectives.
- It is long-term (multi-year), interdisciplinary and typically multi-national.

Decade Project

- Discrete and focused undertaking of a shorter duration.
- It may stand alone, but will typically contribute to an identified Decade programme

Decade Activity

- In support of an outcome, objective, programme, or project.
- Typically a one-off standalone activity
- It can form part of a programme or project or can relate directly to a Decade objective.

Decade Contribution

- Supports the Decade through provision of a necessary resource
- A contribution can support implementation of a Decade Action or for coordination costs, and be in-kind or financial.

https://www.oceandecade.org/resource/124/Call-for-Decade-Actions-No-012020---Resources-Page

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OCEAN DECADE 2021-2030

2021 2030 United Nations Decade of Ocean Science for Sustainable Development

The series will be organized around the **Decade Challenges** and relevant cross-cutting issues, which represent common priorities that can be translated into **Decade Actions** at all scales by different stakeholders.

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OCEAN DECADE 2021-2030

2021 2030 United Nations Decade of Ocean Science for Sustainable Development

Next steps & key milestones

- **September to December 2020:** Negotiation of Omnibus Resolution including Implementation Plan
- **15 October 2020:** Information Session to present Implementation Plan to UN Member States
- **15 October 2020:** Launch of first "Call for Decade Actions" for programmes and major contributions
- **4 December 2020:** Virtual high-level supporters event and pre-launch of Ocean Decade Alliance
- **1 January 2021:** Decade starts
- **January – October 2021:** Progressive establishment of coordination structures and roll-out of Stakeholder Engagement Mechanisms
- **March – April 2021:** Decisions on first group of endorsed Decade Actions (programmes and contributions)
- **31 May – 2 June 2021**: First International Ocean Decade Conference, Berlin
- **? 2021:** 2021 UN Ocean Conference, Lisbon

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OCEAN DECADE 2021-2030

2021 2030 United Nations Decade of Ocean Science for Sustainable Development

coastpredict.org

Open Consultation | Programme Document | Your Comments | Signature | Collected Signatures | News | Steering Structure

PREDICTING THE GLOBAL COASTAL OCEAN: TOWARD A MORE RESILIENT SOCIETY

PROPOSAL FOR A UNITED NATIONS DECADE OF THE OCEAN PROGRAMME

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EuroGOOS CONFERENCE

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Kostas Nittis medal

The Kostas Nittis Medal is awarded annually by EuroGOOS to **early-career marine scientists** for **outstanding contributions to the operational oceanography and broader ocean observing fields**.

The call is open to all **marine scientists younger than 30 years old** on the day of the nomination deadline, and carrying out innovative work at a Master of Science or Ph.D. level in the areas of **climate change, marine safety, ecosystems and ocean health, or operational oceanography**.

Nominations should be made by current EuroGOOS member organizations.

The Kostas Nittis Medal

http://eurogoos.eu/eurogoos-kostas-nittis-award/

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CONSULTATIONS

ec.europa.eu/info/law/better-regulation/have-your-say/initiatives/12539-Ocean-observation-sharing-responsibility

Ocean observation – sharing responsibility

Have your say > Published initiatives > Ocean observation – sharing responsibility

In preparation

Roadmap

Feedback period

22 October 2020 - 19 November 2020

FEEDBACK: OPEN

UPCOMING

Public consultation

Consultation period

Fourth quarter 2020

FEEDBACK: UPCOMING

Commission adoption

Planned for

Third quarter 2021

About this initiative

Summary

Ocean observation is essential for the knowledge base of the Green Deal. Data are collected by different authorities for different purposes.

This initiative aims to achieve a common EU approach for measuring once and using the data for many purposes.

It proposes:

- joint planning of observation activities
- a framework for collaboration on a national and EU scale.

Topic Maritime affairs and fisheries

Type of act Proposal for an act

Roadmap

FEEDBACK: OPEN

Type

Inception impact assessment

More about roadmaps

Feedback period

22 October 2020 - 19 November 2020 (midnight Brussels time)

The Commission would like to hear your views.

This roadmap is open for feedback for **4 weeks**. Feedback will be taken into account for further development and fine tuning of the initiative. The Commission will summarise the input received in a synopsis report explaining how the input will be taken on board and, if applicable, why certain suggestions can't be taken up. Feedback received will be published

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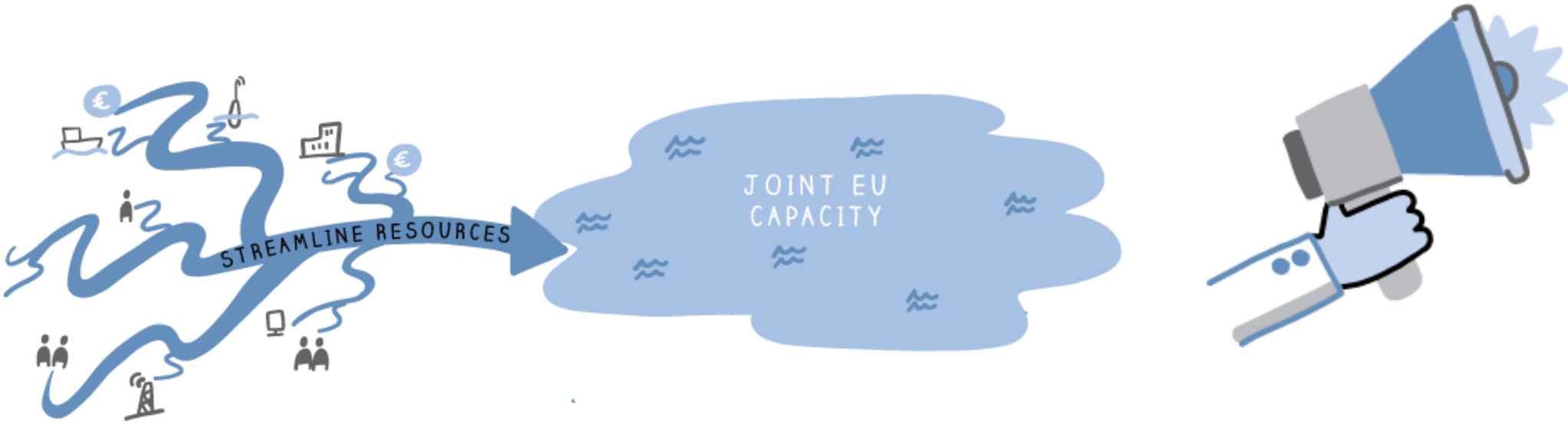

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