EuroGOOS
European Global Ocean Observing System

EuroGOOS Annual General Assembly Meeting
30-31 May 2023
Brussels

Open session

Agenda Item 3: EuroGOOS projects

Document O3.1: EU project overview sheets

Project Title FORCOAST

Duration	30 months (Nov 2019 – October 2022)
Main Objective	FORCOAST aims to provide information services that offer high resolution water quality and met-ocean indicators in coastal and nearshore areas, to improve operation, planning and management of different marine activities in the sectors of wild fisheries, oyster grounds restoration, and bivalve mariculture. FORCOAST information products and services will be co-designed with stakeholders, thereby ensuring that these products and services are tailored to meet their needs. FORCOAST is developing, testing and demonstrating, in operational mode, novel Copernicus-based downstream information services that will incorporate Copernicus Marine, Land and Climate Services Products, local monitoring data and advanced modelling in the service. The services will integrate Copernicus Earth Observation Products with local models and other diverse data sources (local, regional or global) with ICT (enhancing new frontiers opened by web and use of cloud) across the different market segments. FORCOAST will provide those services in eight pilot service uptake sites covering five different regional waters (North Sea, Baltic Sea, Mediterranean Sea, Black Sea and the coastal Atlantic Ocean).
Project Budget	€2 million
EuroGOOS Budget	€52,310
Funding Mechanism	EC H2020- DT-SPACE-01-EO-2018-2020 COPERNICUS MARKET UPTAKE
Coordinator	Deltares, NL, Ghada El Serafy
Consortium	21 partners from 9 countries representing all European regional seas (many members of the Coastal WG of EuroGOOS)
Project Website	https://forcoast.eu
EuroGOOS Team Responsible	Vicente Fernandez, Ruxandra Bosilca (up to October 2021), Alicia Blanco and Dina Eparkhina
EuroGOOS Role	Involvement in service design and in dissemination, communication, stakeholder engagement and marketing plan.
Strategic relevance to EuroGOOS	Supports the work of the EuroGOOS Coastal Working Group and link with the end-user community in the aquaculture and fisheries sectors.
EuroGOOS Contribution	**WP3**: Service design (includes data availability and numerical modelling inventory; 2.4 PM). **WP7**: Dissemination, communication and marketing (identification of target audiences; 4.8 PM; WP co-lead with Deltares as lead (up to October 2021).
Recent Project Developments	Participated in the recovery plan of the project. Updated and replied to PO requests on changes on D7.2 (Communication and Marketing Plan for the FORCOAST Project). EuroGOOS Office co-organized with Deltares, the final project Conference and final meeting, held as a hybrid meeting in Brussels (RBINS) in October 2022.

Project Title	EuroSea
Duration	48 months (Nov 2019 – December 2023)
Main Objective	**EuroSea** brings together key European actors of ocean observation and forecasting with key end users of ocean observations, responding to the G7 Future of the Seas and Oceans Flagship Initiative. EuroSea aims to strengthen the European and Global Ocean Observing System and support its partners. EuroSea increases the technology readiness levels (TRL) of critical components of ocean observations systems and tools, including the TRL of the integrated ocean observing system. It improves European and international coordination and design of the observing system adapted to European needs, in situ observing networks, data delivery, integration of remote and in-situ data, and forecasting capability. Three EuroSea demonstration work packages focus on operational services, ocean health, and climate, promoting dialogue between actors in the ocean observing system and guiding the development of services, including market replication and innovation in the blue economy.
Project Budget	€12.3 million
EuroGOOS Budget	€618,000
Funding Mechanism	EC H2020- BG-2018-2020/H2020-BG-2019-1
Coordinator	GEOMAR, DE; Toste Tanhua
Consortium	53 partners from 16 countries in the Baltic, North Sea, the European Atlantic, and the Mediterranean
Project Website	https://eurosea.eu/
EuroGOOS Team Responsible	Inga Lips (WP1), Deniz Karaca (WP1), Dina Eparkhina (WP8), and Vicente Fernández (WP3 – supporting the EuroGOOS Task Teams and leaders of WP3).
EuroGOOS Role	Involved in linking EOOS and GOOS coordination and governance, communicating the project outputs, ensuring their exploitation and legacy, strengthening the coordination and integration of the different observing networks within EuroGOOS (EuroGOOS Task Teams), and promoting best practices and knowledge transfer.
Strategic relevance to EuroGOOS	Supports the work of the EuroGOOS in promoting EOOS and demonstrating the value of EuroGOOS member services. Supports the following EuroGOOS 2030 objectives: 1 - Stimulate Communities of Practice, 2 - Advocate for coordinated and integrated European ocean observing and operational oceanography, 3 - Strengthen and expand partnerships and 4 - Promote sustainability across the value chain of operational oceanography and ocean observing.
EuroGOOS Contribution	**WP1**: Governance and coordination: WP co-lead with IOC as lead (45 PM). **WP3**: Network Integration and Improvement. Involved as EuroGOOS observing Task Teams are the observing networks in Europe (3 PM; assigned from WP1). **WP8**: Communications, engagement, exploitation, and legacy: WP lead with GEOMAR as co-lead (18.5 PM). EuroGOOS also sits on the Gender and Diversity Board (Dina Eparkhina). Inga Lips and Dina Eparkhina sit on the project's Steering Committee (WP co-/leaders).

Project developments and upcoming actions	**WP1**: Co-lead of WP1 Work on EOOS implementation continued: • The EOOS Strategy 2023-2027 with the Roadmap of Implementation were prepared and launched (launch webinar on 2 March 2022). EOOS has been promoted in many presentations and panels. The documents are printed and will be distributed at different events. • EOOS Operations Committee (OC) had two meetings to discuss the priorities and steps forward. Establishment of a European OceanOPS (EOPS), a game-changer service in Europe, enabling the assessment of the performance of the observing system, and finding opportunities to collaborate and coordinate, has been taken forward by applying EU funding (AMRIT proposal). • Enhancement of the biological observations have been discussed at the monthly international informal meetings of EOOS/EuroGOOS, GOOS, EMB, AirCentre, MBON, University of South Florida, Mercator Ocean International. EuroGOOS supported the organisation of the EuroSea/OceanPredict Workshop on Ocean Prediction and Observing System Design. EuroGOOS participated and presented the previous studies on funding and sustainability challenges in the EuroSea foresight workshop "Ensuring accurate climate-related predictions in Europe by 2035", organised by the European Marine Board. **WP3**: Several EuroGOOS Task Teams have contributed and benefited from their participation in WP3, e.g.: • Gliders: Development of best practices and data format harmonisation as a joint effort of EuroSea WP3.2 together with the EuroGOOS Glider Task Team and H2020 GROOM II. Glider Task Team co-organized a European glider data workshop (in June and July 2022), as a joint activity between the EuroGOOS Glider Task Team and GROOM-II and EuroSea. The event addressed the glider data management strategy for Europe and reviewed standard operating procedures. • Eulerian Observations/Fixed Platforms: a large part of this community joined the new Fixed Platforms task team from EuroGOOS. During 2023, two EuroGOOS Fixed Platforms meetings were held, a virtual meeting in January 2023 and the first physical meeting (with hybrid option) in April 2023, hosted by CNR in Rome, Italy. Both meetings were attended by partners of the Eulerian Task in WP3. • European Sea level network: EuroGOOS Tide Gauge Task Team has contributed to D3.3. (New Tide Gauge Data Flow Strategy); The Task team is also involved in the development of a metadata inventory for European tide gauges (EUTGN) during the fall of 2021, available at Tide gauge metadata inventory. Under the co-ordination of the EuroGOOS Tide Gauge Task Team, the UK National Oceanography Centre (NOC) has developed a web portal for global sea level data which have been derived from Global Navigation Satellite System-Interferometric Reflectometry (GNSS-IR): https://psmsl.org/data/gnssir/index.php. The second EuroSea Tide Gauge Network Workshop, an hybrid event hosted by Puertos del Estado, Spain,

took place on 4-5 May 2023. The event brought together the global tide gauge community to share experiences, exchange information on recent activities, and discuss ways to overcome the challenges across different geographical regions, while ensuring an effective coordination and communication with the Global Sea Level Observing System (GLOSS). Many topics were covered in this second Workshop, among others: global overview of networks, data portals and datasets; GNSS-IR techniques; case studies and automatic quality control and data processing techniques (in real-time and delayed mode).

- HF Radar: During 2022 it has been developed the https://www.hfrnode.eu/ website, which is a central point for access to the European HF radar node, to HF radar network and systems technical specifications, HF radar tools (HOORT and map of systems), and links to providers information, publications, and data. A EuroGOOS HFR Task Team meeting was held as a side event of the MONGOOS General Assembly in November 2022.
- EuroGOOS DATAMEQ WG have contributed and benefited from their participation in task 3.10, where their partners are developing a deliverable on Network Harmonisation recommendation, that will provide guidelines on the implementation of FAIR Principles by the different WP3 networks but also at the EuroGOOS level with the DATAMEQ working group.
- The final WP3 deliverable on the Observing Networks Final Assessment is being prepared and will be delivered in June 2023. This Deliverable will inform on the status (weakness and strengths) of the EuroGOOS observing networks in reference to the international (GOOS) context.

WP8: Lead of WP8

- WP8 coordination including the project's engagement, dissemination, exploitation, and impact assessment.
- Lessons learnt on science-policy interface in ocean observing and forecasting – Deliverable 8.3 submitted and accepted. The report takes a look at EuroSea activities at various geographical levels, and gives a set of recommendations towards improving the science-policy interface.
- Promotion of early career scientists through contributions to several activities and a brochure aiming to present the students with possible career paths in the EuroSea domains.
- Management of the website and social medial and publication of news articles.
- Co-organization of the third EuroSea Anniversary Webinar in November 2022 (https://eurosea.eu/news-and-events/). The webinar discussed the EuroSea impacts across innovation, governance, and international cooperation.
- Co-organization and hosting of the EC review meeting in Brussels, February 2023.

Project Title	JERICO-S3
Duration	4 years (Feb 1th 2020 – January 31st 2024)
Main Objective	JERICO-RI: Joint European Research Infrastructure of Coastal Observatories – a system of systems strengthening the European network of coastal observatories providing a powerful and structured European Research Infrastructure (RI) dedicated to observe and monitor the complex marine coastal seas and to: (i) provide services for the delivery of high-quality environmental data, (ii) access to solutions and facilities as services for researchers and users, (iii) create product prototypes for EU marine core services and users, (iv) support excellence in marine coastal research to better answer societal and policy needs. Major user-driven improvements will be realised in terms of observing the complexity of coastal seas and continuous observation of the biology, access to facilities, data and services, best practices and performance indicators, innovative monitoring strategies, cooperation with other European RIs (EuroARGO, EMSO, AQUACOSM, DANUBIUS, ICOS, EMBRC, LIFEWATCH) and international scientific communities, industry and other stakeholders, and aligning strategy with COPERNICUS/CMEMS, EMODNET and GEO/GEOSS.
Project Budget	€ 9,999,933.55
EuroGOOS Budget	€128,200
Funding Mechanism	EC H2020 H2020-INFRAIA-2018-2020
Coordinator	Ifremer, Laurent Delaunay, Laurent.delaunay@ifremer.fr
Consortium	39 partners from 19 countries representing all European regional seas.
Project Website	http://www.jerico-ri.eu/
EuroGOOS Team Responsible	Inga Lips, Ana Lara-Lopez (until end 2021), Vicente Fernandez
EuroGOOS Role	Primarily in WP9 which focuses on sustainability and minor actions in WP1 and WP2.
Strategic relevance to EuroGOOS	Supports EuroGOOS strategy on coastal ocean observations and open and free data exchange.
EuroGOOS Contribution	**WP1**: Innovative monitoring strategy and Design of the System – contributing to Task 1.4: Next-generation European coastal observing system (0.2 PM). **WP2**: Linking scales, communities and processes – co-lead in Task 2.5: Interfacing with monitoring programs, non-European OOS and the political realm (1.5 PM). D2.4: Report on planned joint activities with US/Canada, Black Sea and North Africa. **WP 9**: A sustainable JERICO-RI: Preliminary design towards implementation – Co-Lead of Task 9.1: Coordination of the WP and Task 9.5: Long term governance and way towards institutional, national, and other sustainability initiatives, Lead of Task 9.2: Community of users in JERICO-RI: Analysis of Users and usage strategy, contribution to the Task 9.3: Preliminary Design of the JERICO-RI, Task 9.4: Business plan of the JERICO-RI (8.2 PM). D9.1: User requirement and classification. D9.6: Common action plans with other RI

	initiatives and one with EOOS for the future.
Recent Project Developments	**WP9**: • Attendance at the SC meetings. • During 2022, collaboration with IFREMER (WP9 Lead) was in place to finalise the Jerico User Committee Terms of Reference and to continue towards developing the Jerico User and stakeholder Strategy and JERICO Business Plan (in coordination with JERICO DS WP4).

Project Title	JERICO-DS (Design study)
Duration	36 months (1 October 2020 - 30 September 2023)
Main Objective	JERICO-RI: Joint European Research Infrastructure of Coastal Observatories – a system of systems strengthening the European network of coastal observatories providing a powerful and structured European Research Infrastructure (RI) dedicated to observe and monitor the complex marine coastal seas**.** The consortium comprises 15 institutions, 12 of whom are EuroGOOS members. JERICO DS will design a state-of-the-art, fit-for-purpose and visionary observational European Research Infrastructure (RI), that will provide expertise and high-quality data on European coastal and shelf seas, supporting world-class research, high-impact innovation and European excellence worldwide. This Design Study is based on national involvement to co-construct the JERICO-RI from the scientific and technical design to the business plan and governance to support their future engagement towards a Preparatory Phase. There is also a strong linkage to the European Strategy Forum on Research Infrastructures (ESFRI) process where JERICO will attempt to enter the ESFRI roadmap through a multi-national application in September 2020.
Project Budget	€2.5 million
EuroGOOS Budget	€80,375
Funding Mechanism	EC H2020 INFRADEV-01-2019-2020 call
Coordinator	Ifremer, Laurent Delauney, laurent.delauney@ifremer.fr
Consortium	15 partners from 14 countries representing all European regional seas
Project Website	http://www.jerico-ri.eu/
EuroGOOS Team Responsible	Inga Lips, Vicente Fernandez
EuroGOOS Role	WPs 1, 4 and 5 which focus on sustainability and governance.
Strategic relevance to EuroGOOS	Supports EuroGOOS strategy on ocean observations and data exchange, coastal WG and implementation of EOOS.

EuroGOOS Contribution	EuroGOOS is involved in: WP1: Co-construction of a long-term Coastal Science Plan between nations and EU in the European RI landscape – contribution to the Task 1.2 Boundaries of JERICO-RI in the national landscapes of EU Environment RIs and contribution to global coastal observations (1 PM). WP4: Sustainability (national commitments framework and stakeholder strategy) – a lead of Task 4.1: User and stakeholder strategy, contribute to the Task 4.2: Design of national commitment framework, Task 4.3: Socio-Economic Impact Assessment, Task 4.4: Design of Research Infrastructure Funding plan, Task 4.5: Financial Risk Assessment and Mitigation Strategy, Task 4.6: Business plan design for the JERICO-RI (3.83 PM). D4.1: User/Stakeholder Strategy – JERICO-RI Stakeholder analysis report added to CIS2 requirements repository developed by the European Environment Agency. WP5: Governance and organization – contribute to Task 5.2: Relations with other Environmental RIs, Task 5.5: Policy for sustaining excellence and performance, Tasks 5.6: Structuring of the legal entity and way forward (1.25 PM).
Recent Project Developments	Project activities go hand-in-hand with JERICO-S3 activities with the slightly delayed timeframe. EuroGOOS is Chairing (Henning Wehde) the Nations Committee. During 2022, several meetings with Marine Institute (Leader of WP4) and Ifremer (leader of JERICO-S3 WP9) were held to prepare the Deliverable on user and stakeholder strategy.

Project Title	DOORS
Duration	4 years (June 1th 2021 – May 31st 2025)
Main Objective	Implement Black Sea SRIA with stakeholders and other projects and initiatives, including support and coordination of research and infrastructure to better understand the Black Sea; development and implementation of an ecosystem-based framework for Blue Economy; informing policy development and implementation; and promotion of behavioural change towards sustainability. DOORS implements three key programmes: System of Systems, Blue Growth Accelerator, and Knowledge Transfer and Training.
Project Budget	€9M
EuroGOOS Budget	€200.000 (15PM)
Funding Mechanism	EU Horizon Europe
Coordinator	GeoEcoMar, Adrian Stanica
Consortium	35 partners from 6 Black Sea participating countries (incl. Moldova) and some other countries outside the Black Sea, as well as Marine Research Infrastructure consortia (ERICs).
Project Website	https://www.doorsblacksea.eu/
EuroGOOS Team Responsible	Dina Eparkhina, Vicente Fernandez, Inga Lips
EuroGOOS Role	Help enhance capacity in the Black Sea and develop stakeholder engagement activities towards ocean services for the Blue Economy and societal engagement, which would generate support and buy-in.
Strategic relevance to EuroGOOS	Supports the EuroGOOS vision to expand into the Black Sea in enhancing its ocean observing and forecasting system. Supports strategic objectives: 1 (community of practice) – working with marine Research Infrastructure consortia on knowledge transfer; 2 (coordinated and integrated system) – developing stronger links in the Black Sea system with national and regional stakeholders and users; 3 (partnerships) – supporting blue economy applications of ocean observing services; 5 (public) – developing ocean literacy activities in science and technology.
EuroGOOS Responsibilities	**WP8** leader of WP8 Stakeholder Engagement and Legacy. Involvement in other WPs to efficiently support WP8.
Recent Project Developments	As WP8 Leader, EuroGOOS contributed to: • WP management (25 organizations from 11 countries and 5 pan-EU organizations). • 2nd General Assembly, June 2022, Burgas, Bulgaria. • Report on stakeholder mapping and requirements – Deliverable 8.2 submitted and accepted. • Oversight of Multi-Actor Forums (November 2022-January 2023) in Turkiye, Bulgaria, Romania, and Georgia. MAFs are collaborative spaces for co-creation at the interface between the local needs and European and global drivers. The events are attracting a unique mix

of stakeholders spanning national environmental agencies, ministries, harbour and coastal management authorities, blue economy associations and SMEs, NGOs and academia.

- Co-organization of session on Marine Research Infrastructures at the international Marblue Conference in Constanta, November 2022.
- Establishment of the DOORS ocean literacy network bringing together academia, NGOs, and communicators.
- Development of the DOORS foresight committee.
- Contribution to the DOORS dissemination through the website, social media, and newsletters.

Project Title	**EEA COINS (Copernicus Observations *In Situ* Networking and Sustainability) Contract (**EEA/DIS/R0/20/001**)**
Duration	Framework contract of four years (August 2020 – August 2024). The second Specific Contract (SC2) in this framework is running from May 2022 to July 2023.
Main Objective	The overarching purpose of the project is to assist the EEA's cross-cutting coordination of Copernicus' in situ data activities. The EEA is requesting services focussing on observational data within the domains of meteorology, oceanography, atmospheric chemistry and air quality, and climate. EuroGOOS is a partner in a consortium together with EUMETNET and NILU that primarily delivers thematic and technical support, information gathering, recording and analysis in relation to the specific thematic domains. The consortium works across the Copernicus program and specifically covers and consults the Copernicus services and Entrusted Entities.
Project Budget	€2.000.000 over a maximum of 4 years
EuroGOOS Budget	Estimated: maximum 750.000€ for entire 4 years but depending on the requested services.
Funding Mechanism	EEA via EUMETNET
Coordinator	EIG EUMETNET
Consortium	EIG EUMETNET, EuroGOOS and NILU (with an option to involve EuroGOOS members)
Project Website	https://insitu.copernicus.eu/
EuroGOOS Team Responsible	Vicente Fernández, Inga Lips
EuroGOOS Role	Ocean/marine domain experts in a wider consortium covering meteorology, hydrology, oceanography, atmospheric composition, cryosphere, chemistry, land and climate, land, atmosphere, and carbon system. Leading WPs on in situ for marine regional and coastal services (WP5), the ocean component of the CIS2 database, and contributing to Arctic Data (WP7).
Strategic relevance to EuroGOOS	EuroGOOS members provide many of the in-situ observations for the marine domain. EuroGOOS has a strategic interest in steps taken by the EEA to help sustain the in situ observing system and work in the definition of in situ requirements, and gaps, for Copernicus marine service

EuroGOOS Contribution	• Lead the Thematic Domain WPs on 'In situ coordination efforts towards the Regional and Coastal Marine Services' and leading the ocean thematic area of the Copernicus In Situ Information System (CIS2), and thereby a member of the Core Management Team composed of the project coordinator and WP Leads. • Give visibility to marine in-situ data providers to, including EuroGOOS and ROOS members, to Copernicus across domains (CIS2 database and country reports). • Provide status (factsheets) on the current observing system and the in situ data requirements of the various Copernicus Services. • Provide expertise to EEA as required to define key cross-cutting in situ data requirements for the Copernicus services. • Explain the roles and complementarity of the EEA work with regard to other initiatives delivering access to the European marine in situ data (Copernicus In Situ TAC, EMODnet and SeaDataNet).

Recent Project Developments	• IFREMER is performing a quantitative study to assess the differences in the in situ platforms available in EMODnet physics and chemistry data portals and in Copernicus In Situ TAC. This assessment is being used to identify in situ platforms present in EMDOnet and not in Copernicus and start their ingestion in Copernicus In Situ. Some examples of platforms identified:
	  ○ IAPB database (International Arctic Buoy Program)
	  ○ Historical moorings (ADCP) in SeaDataNet
	  ○ CTD bottles in EMODnet, coming from not ingested in Copernicus
	• SMHI has worked on adding CTD stations available from TalTech in NRT, in parallel, CTD from BSH, FMI and DMI will be approached in the same way.
	• The CIS2 database was filled with the information of all in-situ data providers (across all European Regions and by EOV) provided by INSTAC in order to produce country reports. The CIS2 was updated with the most recent CMEMS services product list. A first analysis of the (in-situ) requirements across different Copernicus services (and space component) was done, showing that the marine in situ data is serving not only CMEMS but other services (as C3S) and to the satellite component. A discussion on how to group the Copernicus Marine products by requirements has been initiated with Copernicus Marine MFCs.

Project Title	**AllOceanObs (**CINEA tender**)**
Duration	15 months (26th August 2022 to 25th November 2023)
Main Objective	To assess the current state of information sharing between EU Member States on their planned ocean observing activities, and to develop a tool to improve sharing of plans to facilitate greater coordination of European ocean observing activities.
Project Budget	€ 292,496
EuroGOOS Budget	€ 73,490
Funding Mechanism	CINEA tender, Contract number: CINEA/EMFAF/2021/3.4.9/SI2.876379
Coordinator	Inga Lips, EuroGOOS
Consortium	7 partners from 6 countries (EuroGOOS, Seascape Belgium, ICES, SHOM, SMHI, ETT and GEOMAR)
Project Website	At the request of the EC, there is limited public communication about this project, and thus no project website.
EuroGOOS Team Responsible	Inga Lips (Coordinator), Joseph Nolan, Vicente Fernandez, Dina Eparkhina, Alicia Blanco
EuroGOOS Role	• Overall coordination, project management and communication with the European Commission • Development of a template for EU Member States to report ocean observing plans, including instruction manual • Stakeholder input to the development of the template • Plans for scaling up and uptake of the template among Member States
Strategic relevance to EuroGOOS	Project is closely linked to the upcoming EC initiative 'Ocean observing – sharing responsibility', with developments being closely followed by DG MARE and other DGs. Outputs from the project could potentially be tools for the future implementation of the EC initiative.
EuroGOOS Contribution	• Coordination and project management • Lead of WP3 Reporting Template for observation campaigns • Contributor to WP5 Prototype online map-viewer and design of a web page • Contributor to WP6 Stakeholder consultation and Workshop • Lead of WP7 Scale-up of the adoption of the reporting template • Lead of WP8 Dissemination • Lead of WP9 Project Management • Lead of WP10 Transition and Handover details at the end of the contract
Recent Project Developments	The project began in August 2022, with several deliverables completed, including a report on similarities, differences and the degree of detail between reports from different bodies or EU Member States, a summary report on the use of global, European or sea-basin standards in observation of physical, chemical, biological, geological or bathymetrical parameters, and a comprehensive set of observation plans from two non-landlocked selected EU Member states (France and Sweden). Additional, first drafts of the reporting template, instruction manual and prototype online map viewer have been developed. Stakeholder consultation activities, including planning for a stakeholder consultation workshop are underway. Two project progress meetings have been held with EC colleagues, with the next planned for 9th June.

Project Title	Blue-Cloud 2026
Duration	42 months (January 2023- June 2026)
Main Objective	Blue-Cloud 2026 aims at a further evolution of its pilot ecosystem into a Federated European Ecosystem to deliver FAIR & Open data, analytical services, instrumental for deepening research of oceans, EU seas, coastal & inland waters. It develops a thematic marine extension to EOSC for open web-based science, & serves needs of the EU Blue Economy, Marine Environment and Marine Knowledge agendas. Blue-Cloud 2026 covers activities at a growing number of federated environmental RIs to improve & optimise services for uptake of new data sets from a multitude of data originators and for discovery and access to their structured data collections. The advanced ecosystem will provide a core data service for the Digital Twin of the Ocean, mobilising and making available major additional data resources as validated and harmonised in-situ data by means of Data Lakes.
Project Budget	€8 845 420.00
EuroGOOS Budget	€ 121 062.50
Funding Mechanism	HORIZON-INFRA-2022-EOSC-01
Coordinator	Trust-IT, MARIS, CNR
Consortium	38 partners
Project Website	https://blue-cloud.org/blue-cloud-2026
EuroGOOS Team Responsible	Deniz Karaca, Alicia Blanco & Vicente Fernandez (WP1, WP6), Inga Lips (WP7)
EuroGOOS Role	The main role is to co-organize (together with OBPS and OTGA) internal and external training courses on Best Practices for FAIR data principles. Those trainings are aimed at informing and educating data providers and users on FAIR principles and how to make best use of existing European RIs and data services for long-term data stewardship and wider use and sharing of FAIR data.
Strategic relevance to EuroGOOS	The Blue Cloud initiative, developed by Blue Cloud 2026, is relevant in the context of major EU data and knowledge initiatives with a marine focus, including EuroGOOS and the new EOOS (European Ocean Observing System). Furthermore, it is an implementation as part of the European Open Science Cloud (EOSC), sharing and using key features and principles of EOSC to develop and shape a more integrated European aquatic data management landscape.
EuroGOOS Contribution	• **WP1** (Project Management and coordination): contributing to the task on technical coordination (1PM). • **WP6** (Outreach, engagement, and education): leading task T6.2 on Blue Training Academy (5.5 PM). • **WP7** (Exploitation, Strategic Roadmap to 2030 and Sustainability): Contributing to tasks 7.1 and 7.3 to establish a community dialogue to advance common practices for data sharing and management and updating, evolving, and broadening the scope of Blue-Cloud Strategic Roadmap to 2030 (4.1 PM).

Recent Project Developments	• Attended the Kick Off meeting (Pisa February 2023) and presented the plan for task 6.2 on the Blue Training Academy, including the trainings and webinars on data FAIRness. • WP6: EuroGOOS Office contributed to Deliverable D6.1 - Communication, Dissemination, Outreach and Education Plan, submitted in March 2023.