

**Agenda Item 4: Annual reports**

**Document 4.3: EU projects overview sheets**

Project Title	AtlantOS
<b>Duration</b>	3 years, April 2015 – March 2018
<b>Main Objective</b>	<p>The overarching objective of AtlantOS is to achieve a transition from a loosely-coordinated set of existing ocean observing activities producing fragmented, often monodisciplinary data, to a sustainable, efficient, and fit-for-purpose Integrated Atlantic Ocean Observing System (IAOOS). This will be achieved through research and innovation activities focused on:</p> <ul style="list-style-type: none"> <li>• Defining requirements and systems design,</li> <li>• Improving the readiness of observing networks and data systems,</li> <li>• Engaging stakeholders around the Atlantic, as well as strengthening Europe’s contribution to the Global Ocean Observing System (GOOS) - a major component of the Group on Earth Observations (GEO), its Global Earth Observation System of Systems (GEOSS), and specifically its emerging “Oceans and Society: Blue Planet” initiative.</li> </ul>
<b>Project Budget</b>	20.7 Mill. Euro
<b>EuroGOOS Budget</b>	387,875 Euro
<b>Funding Mechanism</b>	EU Horizon 2020
<b>Coordinator</b>	GEOMAR, Germany, Martin Visbeck
<b>Consortium</b>	63 partners
<b>Project Website</b>	<a href="https://www.atlantos-h2020.eu/">https://www.atlantos-h2020.eu/</a> (renovated on 12/2015)
<b>EuroGOOS Team Responsible</b>	Erik Buch, Vicente Fernandez
<b>EuroGOOS Role</b>	Co-lead in WP1; Involved in WP, 6, 7 and 9.
<b>Strategic Relevance to EuroGOOS</b>	AtlantOS will contribute to the Atlantic component of EOOS
<b>EuroGOOS Tasks and Deliverables</b>	<p>WP1: Observing system requirements and design studies - EuroGOOS co-leader with IOC. EuroGOOS is responsible for Task 1.2: Capacities, gaps and feasibility.</p> <p>WP9: System evaluation and sustainability. EuroGOOS is responsible for two deliverables: ‘Web-based monitoring tool of the Atlantic Ocean observing system (Europe)’ (D9.1) and ‘Report on sustainability issues’ (D9.5)</p> <p>In WP 4, 6 and 7 EuroGOOS provides background information; in WP 10 – supports dissemination and stakeholder engagement</p>

**Recent  
Project  
Developments**

***Status May 2017:***

- EuroGOOS is responsible for lead Task 1.2 and has been responsible for the compilation of all contributions from the members to Deliverable 1.3 “Capacities and Gap Analysis”, that was delivered by end March 2017 according to agreed deadline. EuroGOOS has also contributed with an analysis of the capacity of the observing system in the Atlantic Ocean and in delineating a gap analysis strategy. The deliverable is accessible in the following link:  
<https://www.atlantos-h2020.eu/download/deliverables/1.3%20Capacities%20and%20Gap%20analysis.pdf>
  - EuroGOOS is also responsible of Deliverable 9.2 of WP9. A fluid communication with ETT (responsible on the tool) is set and a web-based monitoring tool of the Atlantic Ocean Observing System with European Contribution and Key Performance Indicators was released in March. The web-tool is accessible here:  
<http://www.emodnet-physics.eu/atlantos/dashboard/Default.aspx>
  - EuroGOOS is actively participating in the preparation of a Blueprint document for an Atlantic Ocean Observing System. There have been a couple of telecons as well as a planning meeting in Paris and a dialog meeting with the AORA group in Washington DC.
  - Participation in WP 1 teleconferences
  - Participation in WP9 teleconferences
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Project Title	EMODnet Baltic Sea Checkpoint
<b>Duration</b>	3 years; June 2015 – June 2018
<b>Main Objective</b>	<ul style="list-style-type: none"> <li>• Examine the current data collection, observation, surveying, sampling and data assembly programs in the Baltic Sea basin</li> <li>• Assess and demonstrate how they can fit for purpose in the 11 challenge areas in terms of data uncertainty, availability, accessibility and adequacy, and</li> <li>• Deliver the findings to stakeholders through an internet portal with dynamic mapping features and a stakeholder workshop</li> </ul>
<b>Project Budget</b>	784,000 Euro
<b>EuroGOOS Budget</b>	54,000 Euro
<b>Funding Mechanism</b>	DG MARE (EMFF)
<b>Coordinator (org, contact)</b>	DMI, Denmark, Jun She
<b>Consortium</b>	10 partners and one subcontractor
<b>Project Website</b>	<a href="http://emodnet-balticsea.eu/">http://emodnet-balticsea.eu/</a> is under construction; a test site is available <a href="http://151.1.25.219/balticseacheckpoint/">http://151.1.25.219/balticseacheckpoint/</a>
<b>EuroGOOS Team Responsible</b>	Erik Buch
<b>EuroGOOS Role</b>	Leading WP1: Literature survey; WP14: Panel organisation and WP16: Stakeholder workshop
<b>Strategic relevance to EuroGOOS</b>	Supports EuroGOOS strategy on ocean observations and data exchange
<b>EuroGOOS Tasks and Deliverables</b>	<ul style="list-style-type: none"> <li>• Coordinate the delivery of a literature survey report</li> <li>• Set up a panel of experts, organise two meeting for the experts and edit two reports from the panel</li> <li>• Organise one stakeholder workshop</li> </ul>

## Recent Project Developments

### **Status February 2017:**

EuroGOOS has during the past 3 month been engaged in preparing for the stakeholder meeting on 14 February 2017. The work has been focused on:

- EuroGOOS has contributed to the planning of a joint Sea Basin Checkpoint Stakeholder meeting that took place in Brussels 14-15 February 2017 and was active in leading the Baltic checkpoint breakout session.
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## EU Projects

## Overview of EuroGOOS involvement

Project Title	COLUMBUS
<b>Duration</b>	36 Months (March 2015 –February 2018)
<b>Main Objective</b>	To ensure that applicable knowledge generated through EU-funded science and technology research can be transferred effectively to advance the governance of the marine and maritime sectors.
<b>Project Budget</b>	€ 3.9M
<b>EuroGOOS Budget</b>	€113,375; 9 person months
<b>Funding Mechanism</b>	H2020-BG-2014-1, CSA
<b>Coordinator</b>	Bord Iascaigh Mhara (BIM); strategic & operational leader: AquaTT, Ireland, David Murphy, david@aquatt.ie
<b>Consortium</b>	25 partners (one partner left consortium in 2016)
<b>Project Website</b>	<a href="http://www.columbusproject.eu">www.columbusproject.eu</a>
<b>EuroGOOS Team Responsible</b>	Dina Eparkhina, with involvement from Patrick Gorringer, Vicente Fernandez and Glenn Nolan on certain tasks
<b>EuroGOOS Role</b>	EuroGOOS works within one of the 9 Competence Nodes - Monitoring and Observation, supported by a dedicated knowledge fellow from Seascope Consultants, UK (EMODnet secretariat). Within the Node activities, EuroGOOS supports engagement with industry (knowledge brokerage), communication and case studies
<b>Strategic relevance to EuroGOOS</b>	Knowledge transfer from research/coordination to application is on top of EC agenda, this project promotes the EuroGOOS role as a strategic organization and helps expand its network – project includes several industry-related partners.
<b>EuroGOOS Tasks and Deliverables</b>	<p>WP2 Capacity building – Training workshop</p> <p>WP3 Knowledge demand for Blue Growth – Definition of needs, gaps and challenges</p> <p>WP4 Knowledge supply - Identify data held in portals and their potential knowledge outputs</p> <p>WP5 Knowledge analysis - Analyse the knowledge outputs from WP4 and to define a roadmap to bring this knowledge towards a wider impact</p> <p>WP6 Knowledge transfer - Implement knowledge transfer plan and host a brokerage event</p> <p>WP7 Communication and dissemination</p>

## Recent Project Developments

### Reports:

- WP3 report on knowledge gaps: EuroGOOS contributed to identifying EU strategic documents relevant to Ocean Observing, Jan. 2016
- WP4 inventory of portals and repositories and their role in knowledge transfer to support blue growth, April 2016; revised in Dec. 2016
- 6M, 12M, 18M and M23 reporting, Oct. 2015, April and Sept. 2016, March 2017
- Guidelines for engaging industry in the uptake of open marine data, April 2017

### Meetings and events (to be) attended by EuroGOOS:

- Several meetings with Observations Node team
- 1<sup>st</sup> Annual Conference, 2 March 2016, Brussels (EuroGOOS talk on EOOS)
- 3<sup>rd</sup> Partners Meeting, 3 March 2016, Brussels
- 4<sup>th</sup> Partners Meeting, 12-13 July, Vigo
- COLUMBUS industry brokerage event (led by EuroGOOS and Seascope), SeaTech Week, Oct. 2016, Brest, France
- 5<sup>th</sup> Partners Meeting, 23-24 Feb. 2017, Lisbon
- 2<sup>nd</sup> COLUMBUS conference, 7-8 Nov. 2017
- Match-making event 'Idea to Market', Sept. 2017 - TBD
- Marine Open Data competition bootcamp, Oct. 2017 - TBD
- COLUMBUS industry brokerage event (led by PLOCAN), Nov. 2017, Gran Canaria
- Final COLUMBUS conference, 24-25 Jan. 2018, Brussels

## EU Projects

## Overview of EuroGOOS involvement

Project Title	EEA - FOUNDATIONS Contract
<b>Duration</b>	September 2016 to September 2018 (1 <sup>st</sup> and 2 <sup>nd</sup> phase)
<b>Main Objective</b>	Provide EEA with access to experts in ocean observing to interact with Copernicus services to define cross-cutting aspects of the in-situ observing system. Consider the sustainability of the current observing system and overall fitness for purpose in a Copernicus services context.
<b>Project Budget</b>	€1.6m, ca. 400,000€ in first phase
<b>EuroGOOS Budget</b>	Estimated: 130,000€ in first phase
<b>Funding Mechanism</b>	EEA via EUMETNET
<b>Coordinator</b>	Eric Petermann, EUMETNET Day to day: Simon Machin, UKMO
<b>Consortium</b>	EUMETNET, EuroGOOS and ICOS (with option to involve EuroGOOS members where necessary)
<b>Project Website</b>	n/a
<b>EuroGOOS Team Responsible</b>	Glenn Nolan/ Erik Buch
<b>EuroGOOS Role</b>	Ocean/marine domain experts in wider consortium covering land, atmosphere, carbon system.
<b>Strategic relevance to EuroGOOS</b>	EuroGOOS members provide many of the in-situ measurements for the marine domain. EuroGOOS has a strategic interest in steps taken by EEA to help sustain the in-situ observing system.
<b>EuroGOOS Tasks and Deliverables</b>	<ul style="list-style-type: none"> <li>○ Provide status (factsheets) on the current observing system and the in-situ data requirements of the various Copernicus Services.</li> <li>○ Provide expertise to EEA as required to define key cross-cutting in-situ data requirements for all Copernicus services.</li> <li>○ Explain the roles and complementarity of EEA work with regard to other initiatives delivering access to the European marine in-situ data (CMEMS, EMODnet and SeaDataNet, predominantly).</li> </ul> <p><b>More detail in full project plan</b></p>
<b>Recent Project Developments</b>	<ul style="list-style-type: none"> <li>● Monthly teleconference calls with S.Machin to review progress.</li> <li>● EuroGOOS have been active in performing interviews on requirements for in-situ data with some of the Copernicus</li> </ul>



services – CMEMS, C3S, CSS

- Delivered input to the “State of Play Report” which is due by end of May
- Prepared a communication plan
- Delivered input to Fact sheets and newsletter
- Planning for second contract to begin in June 2017.

Project Title	EMODnet data Ingestion
<b>Duration</b>	Three years duration; start 19 <sup>th</sup> May 2016
<b>Main Objective</b>	<p>To develop and operate a new EMODnet portal with services that facilitate data holders from public and private sectors to submit marine data sets for further processing and safekeeping by data repositories and subsequent distribution through EMODnet thematic portals</p> <ul style="list-style-type: none"> <li>- The challenge is to identify relevant marine data providers that are not yet routinely submitting data sets to national data repositories and to convince and help them to submit their data packages for open access and use in national repositories and EMODnet</li> <li>- The priority for exploring external data sets will be set by the EMODnet Thematic portals that are interested in a specific collection of data types.</li> <li>- All project partners will analyse the situation in their country and identify potential data sources and their providers for the different data themes, taking into account the priorities.</li> <li>- Promotion and marketing will be essential and will be a combination of central and networked activities, involving all partners and Thematic portals, and also promoting specific use cases such as monitoring data from offshore wind farms</li> </ul>
<b>Project Budget</b>	4Mill Euro
<b>EuroGOOS Budget</b>	50.000€
<b>Funding Mechanism</b>	DG MARE (European Maritime and Fisheries Fund, EMFF)
<b>Coordinator</b>	MARIS as project coordinator and HCMR as scientific coordinator
<b>Consortium</b>	44 partners
<b>Project Website</b>	<a href="https://www.emodnet-ingestion.eu/">https://www.emodnet-ingestion.eu/</a>
<b>EuroGOOS Team Responsible</b>	Patrick Gorringe
<b>EuroGOOS Role</b>	<p>EuroGOOS is not a partner in the project but involved via partner institute ETT (EMODnet Physics coordinator)</p> <p>WP3.11: Publishing a list of repositories: the contact details and functions of the RDACs and INSTAC will be published in a permanently-updated list at the EMODnet Physics portal and integrated into the EMODnet Data Ingestion portal as linked pages</p>

WP3.12: Documenting standards and procedure for getting connected: newcomer (provider) guide with details on how to set up the connection, application programming interfaces (API), and the standards to be used for metadata and data formats

WP3.13: Connecting new monitoring stations: to make into practice for new monitoring stations that respond to DI invitations. As part of ongoing activities EMODnet Physics maintains a list of potential new stations and new operators per country and this list will be used for targeting specific operators and their stations.

Key actions:

Meetings with data producers (PUs) to present data flow, infrastructures, common standards, vocabularies

### Strategic Relevance to EuroGOOS

Supports EuroGOOS strategy on ocean observations and data exchange

### Recent Project Developments

- A Data Ingestion portal is in place, <https://www.emodnet-ingestion.eu/>
- Guidance for suggested formats for specific data types and general instructions is in place on the website
- Help desk service is in place (HCMR)
- Guidance and procedures for connecting NRT stations published in ingestion portal are in place
- Additional NRT stations from operators made available to EMODnet Physics portal M18-36
- Plenary meeting 10-12 April 2017, Limassol, Cyprus

Project Title	EMODnet Physics Phase II
<b>Duration</b>	July 2013 - June 2016
<b>Main Objective</b>	The overall objective of EMODnet Physics is to provide access to near-real-time data and historical time series and datasets on physical conditions of the seas and oceans in Europe and to determine how well the data meets the needs of users from industry, public authorities and science
<b>Project Budget</b>	1 Mill Euro
<b>EuroGOOS Budget</b>	35.000 + 50.000€
<b>Funding Mechanism</b>	DG MARE (European Maritime and Fisheries Fund, EMFF)
<b>Coordinator</b>	ETT, Antonio Novellino, <a href="mailto:antonio.novellino@ettsolutions.com">antonio.novellino@ettsolutions.com</a>
<b>Consortium</b>	ETT, EuroGOOS, Ifremer, MARIS, BODC
<b>Project Website</b>	<a href="http://www.emodnet-physics.eu">www.emodnet-physics.eu</a>
<b>EuroGOOS Team Responsible</b>	Patrick Gorringe
<b>EuroGOOS Role</b>	Assist the coordinator, represent EuroGOOS members, ROOSs and Task Teams, promote data sharing, organise workshops and related activities, continuously add new stations and platforms in collaboration with the ROOSs (part of agreements with the ROOSs) and Task Teams, advice on portal layout, represent EMODnet Physics at meetings, conferences, etc. Coordinate and link activities to CMEMS, SDN, JERICO-NEXT and other programs/projects and initiatives.
<b>Strategic Relevance to EuroGOOS</b>	Supports EuroGOOS strategy on ocean observations and data exchange
<b>Recent Project Developments</b>	<p><b>The project has been finalised</b> and the final report, <i>EMODnet Phase 2 –Final report Reporting Period:24/07/2013–23/07/2016</i>, has been submitted and approved.</p> <p>Phase 3 proposal was submitted in August.</p>

Project Title	EMODnet Physics <sup>3</sup>
<b>Duration</b>	<p>Contract officially started: 29/03/2017, 24 months (2 X 2)</p> <p>Contracting Agency: EASME</p> <p>Project Advisor (EASME): Ms Anja DETANT</p>
<b>Main Objective</b>	<p>The general objectives of the new EMODnet Physics tender are:</p> <ul style="list-style-type: none"> <li>• To further develop the on-going EMODnet Physics towards an operational service where marine data is made interoperable and freely available</li> <li>• To include additional monitoring systems, make available additional products and strengthen the underlying infrastructure</li> <li>• Close the gap between operational data centres (connected to CMEMS and ROOSs) and the quality controlled data archives (SeaDataNet NODC's);</li> <li>• To assure and complete the interoperability with services developed by other thematic groups and with data distributed by non-EU organisations, compliance with INSPIRE Directive</li> <li>• To assure a strong collaboration with EMODnet data Ingestion project</li> <li>• Procedures for machine-to-machine connections to data and data products;</li> <li>• A web portal allowing users to find, visualise and download data (qf/qc) and metadata;</li> <li>• Coherence with efforts of regional sea conventions;</li> <li>• Set up a process to monitor performance and deal with user feedback;</li> <li>• Set up a help desk offering support to users.</li> </ul>
<b>Project Budget</b>	1, 4 Mill Euro. No pre-payment, first payment after approved annual report
<b>EuroGOOS Budget</b>	250.000,00 (for 24 months)
<b>Funding Mechanism</b>	DG MARE (European Maritime and Fisheries Fund, EMFF)
<b>Coordinator</b>	ETT, Antonio Novellino, <a href="mailto:antonio.novellino@ettsolutions.com">antonio.novellino@ettsolutions.com</a>
<b>Consortium</b>	ETT, EuroGOOS, Ifremer, MARIS, BODC
<b>Project Website</b>	<a href="http://www.emodnet-physics.eu">www.emodnet-physics.eu</a>

**EuroGOOS Team Responsible**

Patrick Gorringe

**EuroGOOS Role**

In short, the EuroGOOS Office is involved in:

- Facilitate the involvement and coordinate the engagement of ROOSs, Task Teams and data network operators.
- Coordinate new tasks on underwater noise and river data
- Coordinate/collaborate with global initiatives of interest for EMODnet Physics<sup>3</sup>
- Actively promote other networking, harmonization and integration opportunities
- Work together with EMODnet Data Ingestion Project and other EMODnet portals
- Link with SeaDataCloud (to close the data gap between NRT and archived data), CMEMS and other relevant projects and initiatives
- To engage with the Regional Sea Conventions for data, data products and metadata. Regional Sea Conventions will also be involved for providing inputs, links, and connections for new parameters (water-noise and river outflow)
- To arrange that identified data sources become available via the underlying ROOSs data portals and INSTAC
- Collect and deal with user feedback

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**Strategic Relevance to EuroGOOS**

Supports EuroGOOS strategy on ocean observations and data exchange

**Recent Project Developments**

- Kick Off meeting 19-20 April, Milan
- Task Teams and partners responsible for tasks have been contacted actions initiated
- A number of start-up actions have been taken such as planning meetings with task leaders and teams to initiate the work
  - River task met 9-10 May
  - TGTT task to meet 26 May
  - Underwater noise 25 May
  - FBTT planned June/July

Project Title	ENVRI PLUS
<b>Duration</b>	May 2015 – April 2019
<b>Main Objective</b>	Provide common solutions to shared challenges for European Environmental and Earth System Research Infrastructures (RIs) in their efforts to deliver new services for science and society
<b>Project Budget</b>	14.6 Mill Euro
<b>EuroGOOS Budget</b>	145,500€
<b>Funding Mechanism</b>	Horizon 2020
<b>Coordinator</b>	University of Helsinki, Werner Kutsch, <a href="mailto:werner.kutsch@helsinki.fi">werner.kutsch@helsinki.fi</a> Ari Asmi, <a href="mailto:ari.asmi@helsinki.fi">ari.asmi@helsinki.fi</a>
<b>Consortium</b>	22 Research Infrastructures (11 ESFRIs), 1 ERIC, 2 Associations, 37 Beneficiaries In the marine domain: SDN, Eurofleets II, EuroGOOS, FixO3, ESONET, JERICO-NEXT, Euro Argo
<b>Project Website</b>	<a href="http://envri.eu">http://envri.eu</a>
<b>EuroGOOS Team Responsible</b>	Glenn Nolan
<b>EuroGOOS Role</b>	Involved in linking in-situ research infrastructure to satellite community, dissemination and communication of project results and providing strategic advice via the Board of European Environmental Research Infrastructures (BEERi)
<b>Strategic relevance to EuroGOOS</b>	Enables strong cooperation potential with marine and non-marine research infrastructures in Europe.
<b>EuroGOOS Tasks and Deliverables</b>	<p>Task 1.2.3 Observation continuum: enhancing use of RIs for satellite validation from and to assimilation and services</p> <p>Task 6.1.2. Facilitation of the communication and coordination of the cluster level integration in the frame of ENVRI strategy</p> <p>Task 6.1.4. Policy communication and strategic collaboration with other RI communities, national, regional and international key actors</p> <p>Task 6.2.3 Liaison and collaborative action with RI users</p> <p><i>Update post annual meeting (Nov 2015):</i></p> <p>1: Attended 2 no. ENVRI+ Board meetings (BEERi) initially on behalf of Erik Buch. Glenn Nolan now fulfils this role (agreed with chair) no major developments to report.</p> <p>2: Task 1.2.3: EuroGOOS met with task partners (UPMC, NOC,</p>

**Recent Project  
Developments**

IFREMER) in Paris on 30/1/17 to put a firm plan in place for this task. **Work progresses on draft deliverable/report.**

4: EuroGOOS chaired session at the ENVRI+ industry event in Grenoble in May (18-19) 2017 and attended BEERi (May 17<sup>th</sup>)

ENVRI PLUS mid term review during Grenoble week (May 2017).  
Next ENVRI week in November 2017 (Prague)



## EU Projects

## Overview of EuroGOOS involvement

Project Title	CMEMS In-Situ Thematic Assembly Centre (INSTAC)
<b>Duration</b>	May 2015 - April 2018
<b>Main Objective</b>	The CMEMS INSTAC aims at providing a seamless transition from MyOcean Pilot INSTAC
<b>Project Budget</b>	5M€ for the 3 year period 80% on Operational activities, 20% on system evolution and cross-cutting
<b>EuroGOOS Budget</b>	50,000€
<b>Funding Mechanism</b>	DG GROWTH (European Maritime and Fisheries Fund, EMFF)
<b>Coordinator</b>	Ifremer, France, Sylvie Pouliquen, <a href="mailto:Sylvie.Pouliquen@ifremer.fr">Sylvie.Pouliquen@ifremer.fr</a>
<b>Consortium</b>	IMR, SMHI, BSH, PdE, HCMR, IO-BAS, ACRI, CLS, CNRS, EuroGOOS, MetOffice, NIVA, OGS, Socib, SYKE
<b>Project Website</b>	<a href="http://marine.copernicus.eu">http://marine.copernicus.eu</a>
<b>EuroGOOS Team Responsible</b>	Patrick Gorringe
<b>EuroGOOS Role</b>	<ul style="list-style-type: none"> <li>Facilitate coordination between CMEMS INSTAC, EMODnet and the NODCs/SDN</li> <li>Establish contacts with on-going (including Data Ingestion, SDC) and future projects and infrastructure programs involved in ocean observations and observation networks</li> <li>Initiate dialog with on-going and future European research projects making marine observations to secure that they make their data available</li> <li>Promote INSTAC activities where appropriate</li> <li>Coordinate with European Environmental Agency (EEA)</li> <li>Add data from the GOOS GRAs in the INSTAC</li> </ul>
<b>Strategic relevance to EuroGOOS</b>	Supports EuroGOOS strategy on ocean observations and data exchange
<b>EuroGOOS Tasks and Del.</b>	Task 3.4 Improve uptake of new providers with EuroGOOS/ROOSs and coordinate links with EMODnet and EEA
<b>Recent Project Developments</b>	<ul style="list-style-type: none"> <li>INSTAC plenary meeting held in Sophia Antipolis, France, 26-28 October, 2016</li> <li>Office has submitted a 2016 activity report</li> <li>Office has submitted a 2017 activity plan</li> <li>Office has promoted INSTAC activities at a number of meetings. This has increased the awareness of the INSTAC</li> </ul>

and clarified the roles of INSTAC, EMODnet and SDN

- All data made available to EMODnet Physics also available to INSTAC via the ROOSs
- Office has initiated contact with the GOOS GRAs to increase the amount of data to the INSTAC

Project Title	INTAROS
<b>Duration</b>	5 years; December 2016 – November 2021
<b>Main Objective</b>	<ul style="list-style-type: none"> <li>• Develop an integrated Arctic Observation System (iAOS) by extending, improving and unifying existing systems in the different regions of the Arctic</li> <li>• Multidisciplinary focus, with tools for integration of data from atmosphere, ocean, cryosphere and terrestrial sciences, provided by institutions in Europe, North America and Asia</li> <li>• Assess strengths and weaknesses of existing observing systems and contribute with innovative solutions to fill some of the critical gaps in the in situ observing network</li> <li>• Develop a platform, iAOS, to search for and access data from distributed databases</li> <li>• Community-based observing systems, local knowledge merged with scientific data, to inform decisions and better-documented processes within key sectors, e.g. local communities, shipping, tourism, fisheries</li> <li>• Support the EU strategy for the Arctic and related maritime and environmental policies.</li> </ul>
<b>Project Budget</b>	15.490.066 Euro
<b>EuroGOOS Budget</b>	168.125 Euro
<b>Funding Mechanism</b>	H2020
<b>Coordinator (org, contact)</b>	NERSC, Stein Sandven
<b>Consortium</b>	41 partners
<b>Project Website</b>	Under construction

<b>EuroGOOS Role</b>	Deputy lead of WP1 Leads Task 1.1, 1.2 and 6.7 Contributes to Task 1.0,1.3, 1.4, 1.5 and 2.1
<b>Strategic relevance to EuroGOOS</b>	Supports EuroGOOS's strategy on ocean observations
<b>EuroGOOS Tasks and Deliverables</b>	<ul style="list-style-type: none"><li>• Lead task 1.1 – High-level-requirements and deliver two observation requirement reports; an initial on at month 6 and a revised at month 57</li><li>• Lead Task 1.2 - Set up Stakeholder group and organise three stakeholder workshops and deliver reports from these workshops</li><li>• Lead task 6.7- Support to Marine and Maritime industry – deliver two reports late in the project</li></ul>
<b>Recent Project Developments</b>	<p><b>Status May 2017:</b></p> <p>Since February 2017 EuroGOOS has concentrated its efforts on:</p> <ul style="list-style-type: none"><li>• Organise the first Stakeholder Workshop that took place at EuroGOOS/BELSPO premises 5. May 2017 with the participation of 29 stakeholder representatives</li><li>• Prepared the first draft of D1.1 "Initial Requirements" based on input from INTAROS Theme Leaders – has been a frustrating process because some of the Theme leaders have a "very relaxed" attitude to deadlines. The final report is due at 31 May 2017</li></ul>

<b>Project Title</b>	<b>JERICO-NEXT</b>
<b>Duration</b>	4 years (September 2015 – August 2019)
<b>Main Objective</b>	Strengthening and enlarging a solid and transparent European network in providing operational services for the timely, continuous and sustainable delivery of high quality environmental data and information products related to marine environment in European coastal seas; Support European coastal research communities, enable free and open access to data, enhance the readiness of new observing platform networks by increasing the performance of sensors, showcasing the adequacy of observing technologies and strategies and proposing a medium-term roadmap for coastal observatories through a permanent dialogue with stakeholders.
<b>Project Budget</b>	Ca. €10 million
<b>EuroGOOS Budget</b>	€122.750
<b>Funding Mechanism</b>	EC H2020-INFRAIA-2014-2015
<b>Coordinator</b>	IFREMER, Patrick Farcy, <a href="mailto:patrick.farcy@ifremer.fr">patrick.farcy@ifremer.fr</a>
<b>Consortium</b>	33 partners from 15 countries representing all European regional seas
<b>Project Website</b>	<a href="http://www.jerico-fp7.eu/">http://www.jerico-fp7.eu/</a>
<b>EuroGOOS Team Responsible</b>	Patrick Gorringe
<b>EuroGOOS Role</b>	Primarily in WP5 which focuses on data availability in the coastal ocean and minor actions in WP1 and WP3
<b>Strategic relevance to EuroGOOS</b>	Supports EuroGOOS strategy on ocean observations and data exchange
<b>EuroGOOS Tasks and Del.</b>	<p>WP1: Integrated Science Strategy and Governance from local to European Scales: (4 person months)</p> <p>Task 1.4: Interaction with European and international Ocean Observing networks</p> <p>Task 1.5: Strategy toward sustainability: Economics and Governance</p> <p>WP3: Task 3.2 Development on current observations from HF RADARS (1 person month)</p> <p>WP 5: Task 5.1: Data policy and distribution (8 person months)</p> <ul style="list-style-type: none"> <li>○ Provide recommendations on a free and open data policy for JERICO-NEXT</li> <li>○ Deliver a JERICO-NEXT catalogue of metadata</li> <li>○ Define the specifications for handling European Ferrybox data</li> </ul> <p>Task 5.6: Definition of Quality Control procedures for HF Radar data</p>

## Recent Project Developments

### Task 5.8: Linking JERICO-NEXT activities to a Virtual Access infrastructure

- JERICO-NEXT GA, Helsinki, Finland 13-16 March 2017  
In order to meet the EuroGOOS Office tasks, mainly in WP5, the following actions have been taken:
- The Office has reviewed a number of data policy documents in order to suggest a data policy for JERICO-NEXT. A first draft was presented at the JERICO-NEXT GA
- The Office has explored and suggests using SEXTANT metadata catalogue, developed at IFREMER, as the JERICO-NEXT catalogue. Discussion on content to be added in the catalogue has been initiated and a first draft catalogue was presented at the GA
- The Office has, together with the FerryBox Task Team agreed on a common approach for handling FerryBox data – showing a unified, strong community

Project Title	MERCATOR OCEAN CONTRACT
<b>Duration</b>	August 2016- August 2018
<b>Main Objective</b>	Provide CMEMS with an overview of the current status of the ocean observing system and its operators. Provide insight into uptake of CMEMS services at national member state level.
<b>Project Budget</b>	190,000€
<b>EuroGOOS Budget</b>	190,000€
<b>Funding Mechanism</b>	DG GROW via Mercator
<b>Coordinator</b>	Pierre Bahurel, Mercator Ocean Day to day: Antonio Reppucci, Mercator Ocean
<b>Consortium</b>	EuroGOOS is main service provider with option to involve EuroGOOS members where necessary
<b>Project Website</b>	n/a
<b>EuroGOOS Team Responsible</b>	Glenn Nolan
<b>EuroGOOS Role</b>	Principle service provider to Mercator Ocean.
<b>Strategic relevance to EuroGOOS</b>	CMEMS is the flagship ocean forecasting service in Europe involving many EuroGOOS members directly and indirectly as data providers and downstream users.
<b>EuroGOOS Tasks and Deliverables</b>	<ul style="list-style-type: none"> <li>○ Provide an assessment of the in-situ observation networks linked to the CMEMS,</li> <li>○ Carry out a technical gap analysis,</li> <li>○ Make recommendations and draft corrective action plans highlighting the priority implementation actions.</li> </ul> <p>Secondly,</p> <ul style="list-style-type: none"> <li>○ Provide an assessment of the national downstream application systems of CMEMS,</li> <li>○ Carry out a technical gap analysis,</li> <li>○ Make recommendations and draft corrective action plans highlighting the priority implementation actions.</li> </ul> <p>Finally,</p> <ul style="list-style-type: none"> <li>○ Promote in a consistent manner the CMEMS priorities and requirements and communicate on these technical developments with the operators of national marine monitoring systems with the aim of obtaining in return support for the homogeneous CMEMS Uptake on behalf of the marine community; and</li> </ul>

**Recent Project Developments**

- Explain the roles and complementarity of CMEMS with regard to other initiatives delivering access to the European marine in-situ data (EMODnet and SeaDataNet, predominantly), within the framework of the European Ocean Observing System (EOOS), to European policy (Commission) and decision-makers (Parliament), strategic pan-European and Member State networks (among others, European Marine Board and JPI Oceans), as well as EOOS stakeholders at large

Monthly teleconference calls with A.Reppucci to review progress.

All deliverables on schedule at present. Work almost finalised on visual infographic explaining dependancies between CMEMS , EMODnet and SeaDataNet.

Questionnaire on downstream service link to EuroGOOS members imminent.



Project Title	PRO-ATLANTIC – EMODnet Atlantic Check Point
Duration	3 years (September 2015 – August 2018)
Main Objective	ProAtlantic is the DG MARE seabasin checkpoint project for the Atlantic Ocean and is focused on assessing whether the observational data available can answer key questions related to key societal challenges in the Atlantic . The challenges are; Offshore wind siting, Marine Protected Areas, Oil spill, Climate, Coasts (sea level and erosion/deposition), Fisheries management, fisheries impact, eutrophication, river inputs, bathymetry and Alien species.
Project Budget	€1.59 million
EuroGOOS Budget	€40,000
Funding Mechanism	EC DG MARE tender funding
Coordinator	IFREMER, Jacques Popolus, <a href="mailto:jacques.popolus@ifremer.fr">jacques.popolus@ifremer.fr</a>
Consortium	10 partners from 6 countries
Project Website	Under development
EuroGOOS Role	EuroGOOS will work primarily on WP1 (Literature search) (and WP6 (Coast challenge) with partners in IFREMER, IMI, HR Wallingford and CLS.
Strategic relevance to EuroGOOS	Addresses data coordination and challenges, tests real applications according to identified societal needs
EuroGOOS Team Responsible	Glenn Nolan, Vicente Fernandez and Patrick Gorringe
EuroGOOS Tasks and Del.	WP1 (Literature search) (1 person month) WP6 (Coasts challenge) (2.5 person months)
Recent Project Developments	<p><b>Status May 2017:</b></p> <ul style="list-style-type: none"> <li>Deliverable 1: Literature Survey, Initial Assessment of Data, fitness for use, <b>finished and delivered</b> on 1 July 2016 with the contribution of EuroGOOS (Basin monitoring Systems overview).</li> <li>EuroGOOS has included all the data sources for challenge 5 (coast) related with Sea level Challenge in Sextant, and coordinated with HR Wallingford for the inclusion of the sediment input datasets.</li> <li>EuroGOOS is involved in the products development for the coastal challenge, helping MI to develop the sea level product and coordinating with HR Wallingford for the</li> </ul>

sediment product development.

- Participation on the EMODnet stakeholder conference & Sea-basin Workshops (Brussels 14-15 Feb) as leaders of Coast Challenge.
- Regular Skype meetings with coast challenge partners

## EU Projects

## Overview of EuroGOOS involvement

Project Title	SeaDataCloud
<b>Duration</b>	Stared 1 <sup>st</sup> November 2016, duration 4 years
<b>Main Objective</b>	<p>SDN is a pan-European infrastructure set up and operated for managing marine and ocean data in cooperation with the NODCs and data focal points of 34 countries bordering the European seas. SDC is a project within SDN to:</p> <ul style="list-style-type: none"> <li>• improve services to user and data providers</li> <li>• Optimize connecting data centers and data streams to the infrastructure</li> <li>• Improve interoperability with other European and International networks</li> <li>• It is about giving more attention to users and putting the user experience in a central position</li> </ul>
<b>Project Budget</b>	10 M€
<b>EuroGOOS Budget</b>	67.5K€
<b>Funding Mechanism</b>	DG RESEARCH & INNOVATION
<b>Coordinator</b>	Ifremer, France, Michele Fichaut, <a href="mailto:michele.fichaut@ifremer.fr">michele.fichaut@ifremer.fr</a>
<b>Consortium</b>	56 partners, 5 subcontractors, total of 32 countries represented, 16 newcomers
<b>Project Website</b>	<a href="http://www.seadatanet.org/">http://www.seadatanet.org/</a>
<b>EuroGOOS Team Responsible</b>	Patrick Gorringe
<b>EuroGOOS Role</b>	WP9.6, Integration of external datasets from international programs and organizations
<b>Strategic relevance to EuroGOOS</b>	Supports EuroGOOS strategy on ocean observations and data exchange
<b>EuroGOOS Tasks</b>	<p>Erik is on the Advisory board</p> <ul style="list-style-type: none"> <li>• Facilitate coordination between international organizations and programs to trace, and as far as possible, make available relevant data and ensure their integration in SDCloud</li> <li>• Ensure data collected in RT/NRT (e.g. within EuroGOOS ROOSs/INSTAC i.e. mainly physical parameters) are available to SDCloud</li> <li>• ....and enable their long-term preservation by SDCloud</li> <li>• Task WP9.6.1: Identify a list of relevant and possible</li> </ul>

external datasets - delivered

**Recent Project  
Developments**

SeaDataNet has a new/updated website:  
<https://www.seadatanet.org/>