



EuroGOOS
European Global Ocean
Observing System

EuroGOOS AISBL Annual General Meeting
21-23 May 2014
EuroGOOS AISBL, Brussels

Agenda Item 6: Reports from EU projects

Meeting Document 6: Progress of EMODnet-Physics and GMES-PURE projects

The General Meeting is invited to **note** the progress of the projects

GMES-PURE

Information Note 25/04/2014

The GMES-PURE project (Partnership for User Requirements Evaluation, <http://www.gmes-pure.eu/>) is an FP7 Coordination and Support Action, aiming to support the EC in capturing current and emerging requirements of users of Copernicus marine and atmosphere services. It is a 2-year project that started on 1 January 2013. It is coordinated by EUMETSAT and partners are FMI & RAL (atmosphere service) as well as EuroGOOS (marine service).

The main activity of EuroGOOS and a major deliverable of the project was the definition of (marine) User Requirements. This was done through analysis of existing requirements - collected mainly through MyOcean and MyOcean2 projects as well as through dialogue with users - on the medium and long-term evolution of the Marine Service. The Marine User Requirements workshop organized by EuroGOOS at BESLPO in Brussels between 29 and 30 October 2013 was a key milestone of the project. It brought together users of the current Copernicus marine service, who shared their experiences from the pre-operational phase of the service.

The first annual project review was held on 21 January 2014 in Brussels at DG ENTR. The project teams presented to EC Officers (Mr. Andras Roboz and Mr. Michael Rohn) the activities of the project and the achievements so far (i.e. requirements database and URD), as well as next planned actions and recommendations based on lessons learned. The EC was keen to learn more about the process of requirement definition developed and implemented by GMES-PURE, as well as about the user requirements database and its fate after the project has finished. The EC approved the user requirements during this first review. They are now available on the GMES-PURE website at <http://gmes-pure.eu/deliverables/public-documents/>.

The main contribution of the EuroGOOS Secretariat has been completed in March 2014. During the rest of the year the contribution will come from DMI that also represents EuroGOOS and will work on the development of service specifications based on the defined user requirements. A first task is a gap analysis for products and services based on the approved requirements. The Secretariat will continue to contribute to project meetings and relevant events.

EMODnet Physics

Information note: 24/04/2013

The advent of the INSPIRE Directive and Marine Strategy Framework Directive made compulsory a comprehensive monitoring of the marine environment beyond the geographical limits by means of better discovery of data, free access to data and few restrictions on use and re-use of data. As a result, in its Blue Book for Maritime Policy the European Commission undertook steps towards a European Marine Observation and Data Network (EMODnet) in order to standardize methods for observing and assessing the grade of the Member States seas and improve access to high quality data. Since 2008-2009, the European Commission, represented by the Directorate-General for Maritime Affairs and Fisheries (DG MARE), is running several service contracts for creating pilot thematic components of the ur-EMODNET: Biology, Bathymetry, Chemistry, Geology, Habitats, Human Activities and Physics.

The existing EMODnet-Physics portal (www.emodnet-physics.eu) is based on a strong collaboration between EuroGOOS member institutes and its regional operational oceanographic systems (ROOSs), and the National Oceanographic Data Centres (NODCs), and it is a marine observation information system that makes (in situ) physical data and metadata available for use (discover, view, plot and download) and contributes towards the definition of an operational European Marine Observation and Data Network (EMODnet).

EMODnet Physics provides a single point of access to near real time and historical archived data, it is built on existing infrastructures by adding value and avoiding any unnecessary complexity, it provides data access to any user, it is aimed at attracting new data holders, better and more data. The on-going EMODnet Physics action has the aim to enlarge the coverage and add additional platforms e.g. Argo, gliders, HF radars etc.

The ROOSs infrastructures are already well organized and fully connected to EMODnet Physics (about 480 fixed stations and 10 ferry boxes) and for implementing a further engagement and empowerment of the infrastructure and community EMODnet Physics is supporting the ROOSs to attract and connect new data providers and new platforms for mutual benefit. To accomplish this agreements have been signed with all ROOSs and tasks have been agreed on to improve the existing data management infrastructure and the availability of data through the ROOS data portals. In turn EMODnet Physics has implemented high level interoperability layers (WMS, Web catalogue, web services, etc.) to facilitate connection and interoperability towards global observing systems for itself, the ROOSs and the Institutes within the ROOSs.

One recent initiative is the establishment of a European HF Radar group to initiate a coordinated approach to European HF radar data and link to other similar initiatives on the global scale. The group had its first meeting as a side event to the MyO Annual Meeting, 27th March in Athens. Next meeting is planned as a side event to the EuroGOOS conference in Lisbon. Currently the group has 34 members from 25 institutes and 15 countries.

The budget for EMODnet Physics I was in total € 1.000.000, SMHI/EuroGOOS received € 250.000.



EMODnet Physics II total budget is € 1.000.000, SMHI/EuroGOOS receives € 535.000 of which the majority will be used to support the work of the ROOSs.

Project Partners: ETT, ENEA, MARIS, IFREMER, BODC, EuroGOOS



