

Final plenary meeting - Brest - 16 September, 2015



SeaDataNet

*PAN-EUROPEAN INFRASTRUCTURE
FOR OCEAN & MARINE DATA
MANAGEMENT*

***WP6: The communication, dissemination,
promotion of SeaDataNet to users, data
providers and EU initiatives***

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Contents:

- Activity of the fourth year
- Overview of the activities in the whole project



Work done September 2014- September 2015

- Dissemination and promotion activities have been achieved by ENEA with a strong contribution by IFREMER (Web Portal) and MARIS (promotion and collaborations).
- The promotion in seminars, workshops, presentations at conferences, production of scientific papers have been achieved with the collaboration of all SDN partners.



The project web portal

Improvements:

- The content of the public website has been better structured and optimised in order to be more easily found by a search engine, by IFREMER
- Some keywords have been selected for the search engines, relevant for the project, e.g.:

“marine data infrastructure” and “marine data access”



Current search engine visibility

Search for the portal with new keywords now lists portal within the first 3 positions in Google's results.

The screenshot shows a Google search for "marine data access". The search results are as follows:

- Marine Data Archive: MDA** (mda.vliz.be) - The purpose of the Marine Data Archive is to provide a backup and storage system for files related to ... To access the Marine Data Archive, click 'Workspace'.
- Data Access - SeaDataNet** (www.seadatanet.org/Data-Access) - The SeaDataNet infrastructure links already 90 national oceanographic data centres and marine data centres from 35 countries riparian to all European seas.
- Marine/Ocean Data - National Climatic Data Center - NOAA** (https://www.ncdc.noaa.gov/data-access/marineocean-data) - NCEI receives and archives meteorological data from ships at sea, moored and ... GIS access to marine data using NCEI's Climate Data Online application.
- Data Access | Copernicus** (www.copernicus.eu/main/data-access) - For the Land-, Atmosphere- and Marine-related services, anyone can have access to data but registration is mandatory. Registration is free-of-charge.
- Marine Data | NGDC | British Geological Survey (BGS)** (www.bgs.ac.uk) - The British Geological Survey (BGS) maintain several collections of marine data, ... of UK organisations committed to improving access to marine data. The BGS ...
- MaNIDA - Marine Network for Integrated Data Access** (www.manida.org) - The Marine Network for Integrated Data Access aims to provide a networked approach to access and mining of federated e-infrastructures together with a ...
- EMODnet Backgrounds - EMODnet Bathymetry** (www.emodnet-hydrography.eu/content/content.asp?menu=0010000) -



The personal communications – e-mail

- The consortium has set up different mailing lists to support the targeted dissemination of material among partners and towards external users, maintained by IFREMER
- The newsletter mailing list has grown.



International conferences:

EGU 2015

- **Earth & Space Science Informatics:** Informatics in Oceanography and Ocean Science ESSI (1.2) + OS (4.7) (chairs: Manzella & Schaap)
- 13 oral presentations (4 related to the project and its connection with EMODNet)
- 7 posters



European Geosciences Union
General Assembly 2015
Vienna | Austria | 12-17 April 2015





International conferences (cont'd): EGU 2015

- **Multi-disciplinary challenges and solutions across the Earth and Space Sciences:
CyberGIS as an Engine of Data Stewardship
ESSI (2.8)**
- 1 poster presenting EMODNet bathymetry, connected to SeaDataNet (Schaap).



**European Geosciences Union
General Assembly 2015**
Vienna | Austria | 12-17 April 2015





International conferences (cont'd):

ENEA, IFREMER and MARIS presented SeaDataNet at:

- OCEANS'15 MTS/IEEE meeting, in Genoa (Italy), May 18-21, 2015: L. Pecci, P. Picco, M. Fichaut, D. Schaap - “Using SeaDataNet Management System to preserve the XBT Data-Set of the Mediterranean Sea”



International conferences (cont'd):

RIHMI-WDC (Russia) presented SeaDataNet at the:

- International Geographical Union Regional Conference Geography, culture and society for our future earth, 17-21 August 2015, Moscow: Viazilov E., Melnikov D., Chunyaev N.- “Creation of tools of warning and prevention of impacts of the dangerous natural disasters”
- XVIII International conference “Internet and modern society” S. Petersburg, 22 – 25 June 2015: Viazilov E., Melnikov D., Chunyaev N. - “The new forms and tools of data visualization about situation for marine environment



International conferences (cont'd):

RIHMI-WDC (Russia) presented SeaDataNet at the:

- XIV International conference “The modern methods and tools of oceanological research “ , Moscow, 19-21 May 2015: Viazilov E., Melnikov D., Chunyaev N. - “Automation selection of natural dangerous and on-line delivering of information for decision makers”
- Modern information technologies in earth sciences, Petropavlovsk-Kamchatsky, Russia, September 8–13, 2014: Kopylov V.N., Mikhailov N.N.- Experience of integration of territory distributed environmental data at national and international levels



International conferences (cont'd):

INSTM (Tunisia) presented SeaDataNet at:

- 9th North African Conference on Marine Sciences, 22 December 2014, Sousse (Tunisia): Soumaya Lahbib, Sana Ben Ismail, Chérif Sammari - “SeaDataNet: Tunisian Marine Data Management”.



International conferences (cont'd):

NIOZ (Netherlands) and MARIS presented SeaDataNet at:

- AGU Fall meeting, San Francisco, United States, 15-19 December 2014: T.F. de Bruin, D. Schaap - Connecting Hundreds of Oceanographic Data Sources from Countries in and around Europe into a Big Data Network



The national initiatives: Greece

Conference presentations:

11th Panhellenic Symposium on Oceanography and Fisheries, Mytilene, Lesbos island, 13-17 May 2015:
Lykiardopoulos A., Balopoulou S., Iona A., Vavilis P.,
Pantazi - "Monitoring of the Pan-European Marine Data
Management infrastructure in the framework of EU/FP7
SeaDataNet II Project"



The national initiatives: Latvia

Conference presentations:

LIAE presented SeaDataNet at 10th Baltic Sea Science Congress in Riga, 17-19 June 2015, in the poster session:

“The EMODNET and the SeaDataNet infrastructure: a challenge towards an european multidisciplinary interoperability” by Giorgetti A., Vinci M., Schaap D., Fichaut M., and Barth A.



Promotion in training courses

- The University of Malta promoted SeaDataNet in its master course in Applied Oceanography dedicated to **hands-on**:
- train postgraduate students and professionals on state-of-the-art marine science methodologies/tools
- introduce trainees to the SeaDataNet data and metadata services, catalogues web portal, etc..



Promotion in training courses

2 training courses organized at IOC Project Office for IODE (Ostend, Belgium):

- Course organised by IOC/IODE (51 participants)
- Course organised by IOC-IODE & RBINS/BMDC (31 participants)

INSTM (Tunisia) in 2013, presented SeaDataNet, at the training session on data management for Tunisian public bodies



Overview of the WP6 activity

Task 6.1: Promotion planning

Promotion and dissemination plan towards potential users and data providers:

- Promotion and dissemination plan, deliverable D6.5
- IMDIS 2013 Objectives and strategy, deliverable D6.14



Dissemination, promotion

Task 6.2 activities and portal

4 leaflets, 1 for IMDIS prepared by ENEA, 1 prepared by MARIS, deliverables D6.11, D6.15, D6.19 and D6.24;

4 posters, 3 prepared by ENEA, (1 for IMDIS), 1 in addition prepared by MARIS, deliverables D6.2, D6.13, D6.18, D6.23;

1 roll up, produced by ENEA, deliverable D6.29

3 newsletters, issued by ENEA in collaboration with MARIS, D6.3, D6.12, D6.20

The 4th newsletter (D6.25) is going to be issued by the end of the project with the contribution of all members of the steering committee.



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Conferences presentations, papers

The screenshot shows a web browser window displaying the SeaDataNet website. The browser's address bar shows the URL www.seadatanet.org/Publications/Presentations. The website header includes the SeaDataNet logo and the text 'PAN-EUROPEAN INFRASTRUCTURE FOR OCEAN & MARINE DATA MANAGEMENT'. A navigation menu is visible with options: Overview, Metadata, Data Access, Standards & Software, Products, Events, and Publications. The 'Publications' menu is expanded, showing sub-options: Newsletters, Communication, Presentations, Posters, Leaflets, Scientific publications, and Education. The main content area is titled 'GENERAL PRESENTATIONS' and lists several presentations:

- At ICRI 2014, 2nd International Conference on Research in Intelligent and Distributed Systems, Greece, April 2014
- At IMDIS 2013, International Conference on Marine Data Interchange and Management, Lucca, Italy, September 2013
- At EGU 2013, session ESSI1.2 Informatics in Oceanography and Ocean Science, Vienna, Austria, April 2013
- At EGU 2013, session ESSI2.5 Service Architecture challenges for multi-disciplinary systems and Future Internet, Vienna, Austria, April 2013
- At Geo-Seas workshop, Cork, Ireland, October 2012
- At "Data management in research" meeting, Sopot, Poland, August 2012
- At Bilat-UKR final conference, Kiev, Ukraine, January 2012
- At EuroGEOOS meeting, Madrid, Spain, January 2012
- At GEO exhibition, Istanbul, Turkey, November 2011
- Article in International Innovation, September 2012
- Article in International Innovation magazine, December 2011
- Project of the month on incrEAST web site, December 2011

The page also includes a sidebar with links to Newsletters, Communication, Presentations, Posters, Leaflets, Scientific publications, and Education. At the bottom of the sidebar, there is a 'News' section with a link to 'SeaDataNet Video' and a note 'Realised by ENEA WebTV'. The footer of the page indicates 'Last modified : Monday 12 May 2014'.



Task 6.3: Organisation of IMDIS conference

- The 4th International conference on Marine Data and Information Systems ([IMDIS 2013](#)), 23-25 September 2013, Lucca (Italy). Co-organised by: ENEA, IFREMER, IN-OGS, INGV
- IMDIS 2013 proceedings (IFREMER and OGS - deliverable D6.4)
- Great success: 180 participants from 37 Countries, participation and representatives of the UNESCO-IOC, FAO, EuroGOOS, EC-JRC.



Communication

- 2 videos, 1 video interview shared on the web and a video shared on IFREMER intranet. ENEA carried out the first one, which is available in: ENEA Web TV site, on YouTube and in SeaDataNet portal.

ENEA's Web TV site is a tool for disseminating and sharing science and technology well-known in Italy



Task 6.4: Definition and implementation of strategic promotion

Task lead by JRC with a strong collaboration of MARIS. 3 deliverables have been issued, the last one is going to be finalised by the end of September

- SeaDataNet has been promoted to many international projects and his standards and infrastructure have been adopted by several of them



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Task 6.4

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Collaborations

- Common Data Index (CDI), data discovery, access service and vocabularies have been adopted, for example by:
EMODNet Chemistry, EMODNet Hydrography, EMODNet Bathymetry, Geo-Sea, Black Sea SCENE, etc.
- EuroGOOS (European Global Ocean Observing System) to maintain and update the European Directory of Ocean Observing Systems (EDIOS)



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Task 6.4

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Collaborations

- UNESCO IOC-IODE, ODP (Ocean Data Portal);
- EuroFLEETS, GENESI-DEC, EuroGEOSS, Jerico, MyOcean;
- ODIP, Co-ordination and Support Actions – co-ordinating actions (CSA-CA). Collaboration for defining common standards to get interoperability.



Task 6.5

Analysis of possible legal models for SeaDataNet for a sustained operation

Task 6.6

Intellectual Property Rights

- Presentation by S. Scory (RBINS-BMDC)



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Task 6.7

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Link between SeaDataNet and the Black Sea Region

Has been realised by MARIS



Dissemination work plan for the future

- A new version of newsletter by the 15th of October that includes the results of the final meeting
- A web tutorial for the CDI discovery and download services is going to be finalized by the end of the month, by ENEA

Other suggestions are welcome!!

Thank you for the collaboration of every partner of SeaDataNet for promotion in seminars, conferences, workshops, etc.



**I deeply thank every SeaDataNet partner
for the precious collaboration in
promoting seminars, conferences,
workshops, paper writing, etc.**