



SeaDataNet

PAN-EUROPEAN INFRASTRUCTURE
FOR OCEAN & MARINE DATA
MANAGEMENT

Status of metadata catalogues EDMERP and EDMO

Peter Thijsse (MARIS) – SDN Plenary meeting Rhodes 19 September 2012

Content

- Approach for management
- Updating status EDMERP
- Updating status EDMO
- Actions

Approach for management

Cooperation NODC <=> other national partners:

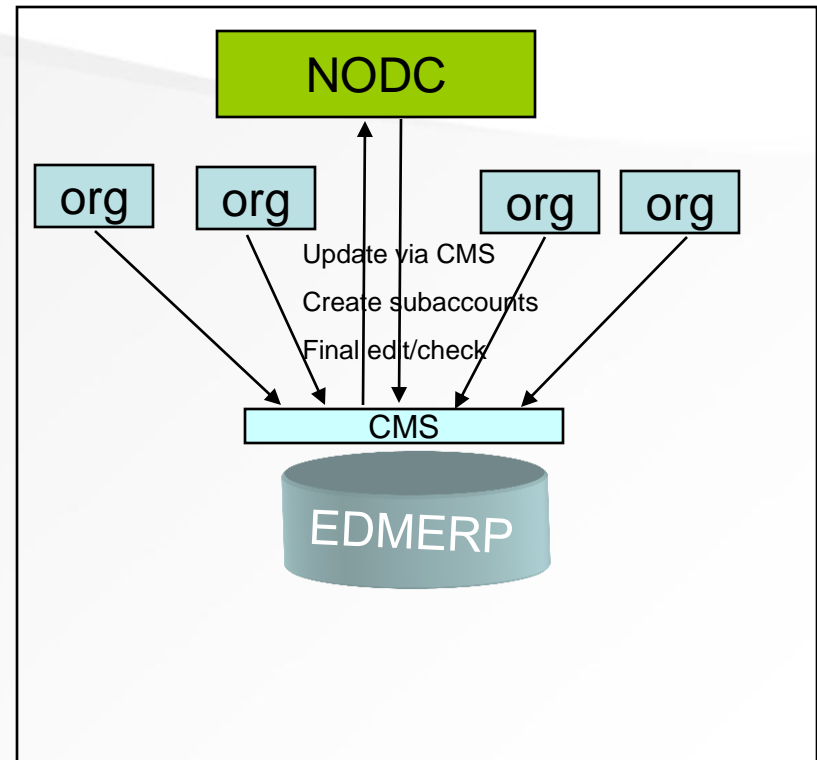
- NODC chooses (if needed) a provided method of maintenance: XML files via MIKADO or other tool, or via CMS
- Role NODC: => National focal point
 - Providing assistance in metadata preparation
 - Collating new records
 - Quality control of new metadata descriptions
 - Distributing to portal in case of XML files
 - Contact with central directory managers
- Role Institutes: => Support activities
 - Providing new entries
 - Update existing information.

1. Updating EDMERP directory - Projects

Management of EDMERP

Option 1:

- Editing via CMS forms
- Access for NODC's with national master account
- NODC may create sub-accounts for other institutes in their country (EDMO)
- New records to be created directly in CMS by NODC
- Sub-accounts can also edit/create new, but this will have to be checked by NODC before activating

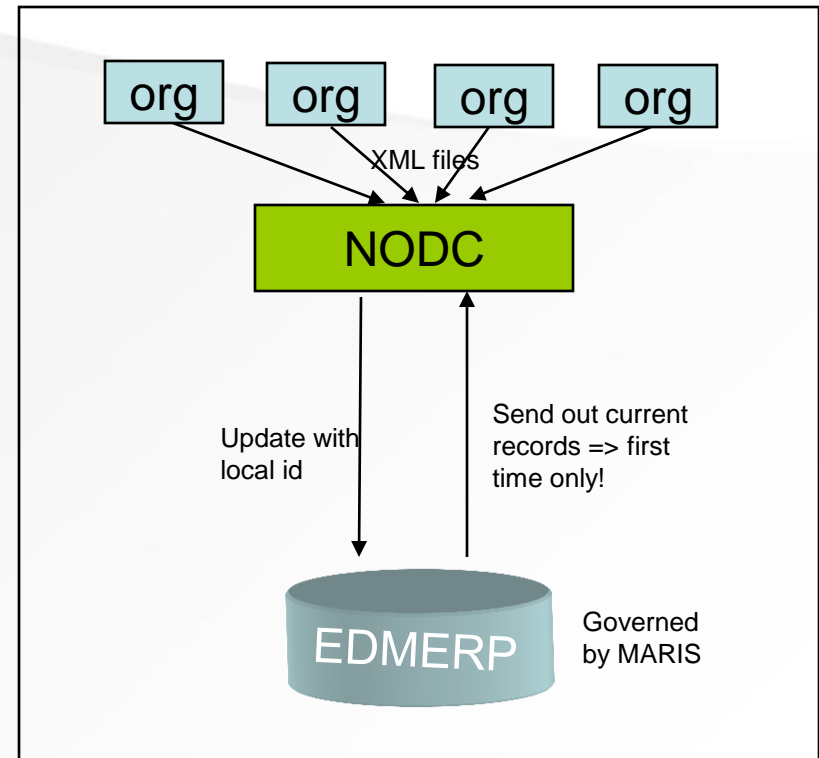


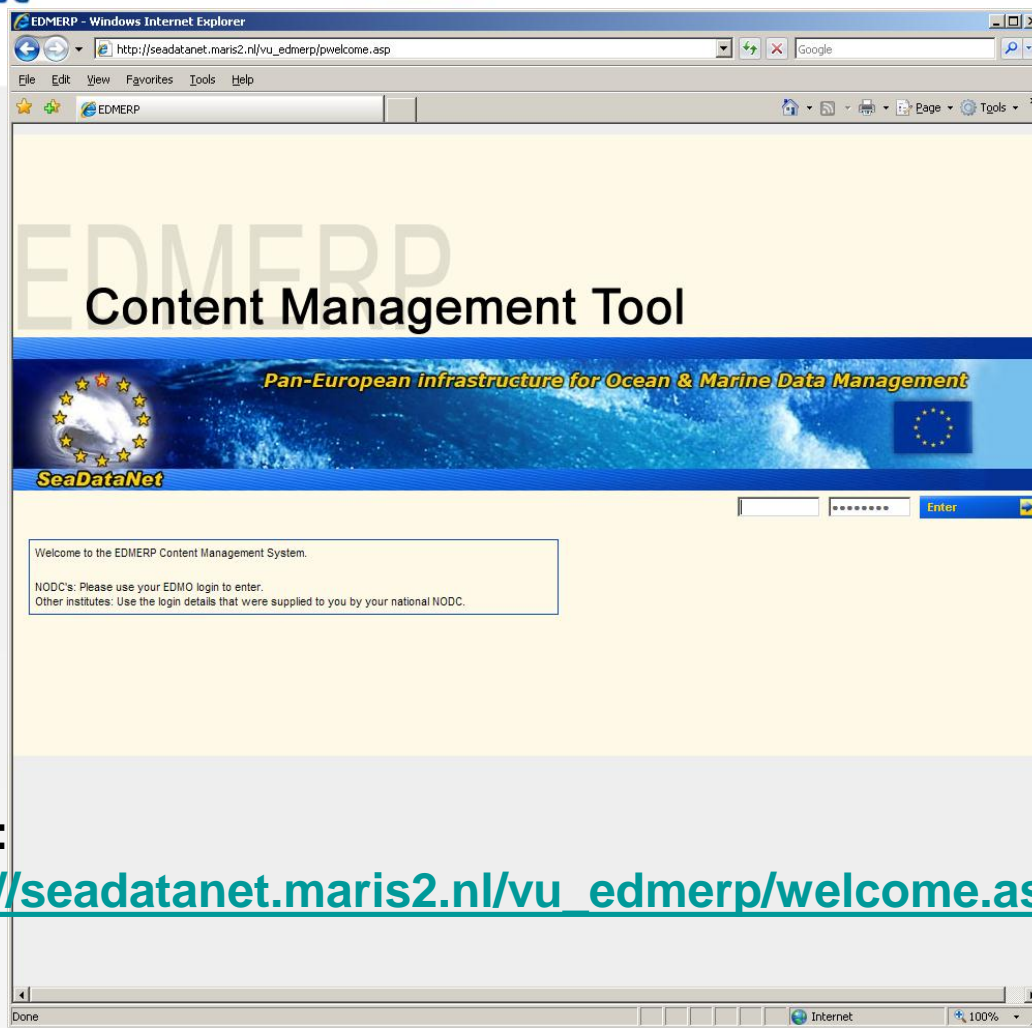
Management of EDMERP

Option 2:

- Via creating and supplying XML V1 files via NODC to central directory.
- The NODC holds the „mother collection“ of files, a copy of the central set.

=> 2 options, but only one of the options per country!





CMS:

http://seadatanet.maris2.nl/vu_edmerp/welcome.asp

Or use Mikado.. But always first contact MARIS when switching.

sdn-userdesk@seadatanet.org – www.seadatanet.org

Current totals EDMERP


- Nov 2011: 2338 projects
- Sept 2012: 2617 projects
- Activity is low.
- For “new” partners that have not started yet, please contact MARIS for account to EDMERP CMS, or start in MIKADO.
- All partners:
 - Please check all existing projects for completeness (e.g. end dates) and add new projects with coordinators from your country.
 - When needed for CDI files creation, please also create relevant project

Searching EDMERP Projects

Firefox | EDMERP - Seadatanet2 | SeaDataNet European Directory of M... | +

seadatanet.maris2.nl/v_edmerp/search.asp

Google

 PAN-EUROPEAN INFRASTRUCTURE
FOR OCEAN & MARINE DATA
MANAGEMENT

European Directory of Marine Environmental
Research Projects (EDMERP)

SEARCH [How to search](#)

Free search	<input type="text"/>	Date (yyyy-mm-dd) from	<input type="text"/>	to	<input type="text"/>
Sea-area	<input type="text"/>	Data-theme	<input type="text"/>		
Coordinating organisation	<input type="text"/>	Project participants	<input type="text"/>		
Country of Participant	<input type="text"/>	Metadata collating centre	<input type="text"/>		

LISTING RESULTS

20 50 100 records

Search Reset

Result list EDMERP project

Firefox | EDMERP - Seadatanet2 | SeaDataNet European Directory of M... | +

seadatanet.maris2.nl/v_edmerp/browse.asp

Google

PAN-EUROPEAN INFRASTRUCTURE
FOR OCEAN & MARINE DATA
MANAGEMENT

SeaDataNet

European Directory of Marine Environmental
Research Projects (EDMERP)

RESULTS					
New query Found 126 Show (1-20) Previous Next 20					
Edmerp ID	Project title	Project acronym	Begin date	End date	Show
11696	Preparatory action for European Marine Observation and Data Network - Seabed Mapping Lot	EMODNet Seabed Mapping	2010-06-08	2013-06-08	
11695	Monitoring seed mussel collectors	SMC	1999-01-01	To present	
11675	Monitoring the effect on benthic communities at sites in the Dutch Coastal Waters where sea sand is extracted or replenished		2009-04-01	To present	
11674	The influence of the construction of Maasvlakte 2 on nature	MV2 construction	2006-05-01	To present	
11673	Maasvlakte 2 Nature Compensation Project	MV2 Benthos	2004-09-01	To present	
11672	National programme Sea and Coastal Research	ZKO	2008-08-01	To present	
11671	WOT-IN Monitoring breeding success coastal birds		2005-01-01	To present	
11670	WOT-IN Benthic sampling in the Dutch Wadden Sea		2002-01-01	To present	
11646	WOT-IN Salt marshes of the Dutch Wadden Sea		1960-01-01	To present	
11645	WOT Antarctica: Top predators and krill		1988-01-01	To present	
11644	WOT-IN Mussel bed development in the Dutch Wadden Sea		1995-01-01	To present	
11643	WOT-IN Monitoring Seals in the Dutch Wadden Sea		1970-01-01	To present	
11642	Population dynamics of cockle beds on tidal flats in the Eastern- and Western Scheldt, the Netherlands		1992-11-01	2007-12-31	
11641	Monitoring the effect of musselseed fishing on the benthic communities in the Dutch Wadden Sea	PRODUS	2005-11-01	To present	
11640	Inventory of the distribution and abundance of sublittoral wild mussel beds in the western Dutch Wadden Sea		1992-03-01	To present	
11639	Managing Fisheries to Conserve Groundfish and Benthic Invertebrate Species Diversity	MAFCONS	1999-01-01	To present	
11615	Discard Survey Pelagic	DISP	1993-02-01	To present	
11614	Mackerel Egg Survey	NSMEGS	1968-01-01	To present	
11613	Blue Whiting Survey	BWHTS	2004-01-01	To present	
11610	Monitoring the effect of musselseed fishing on the benthic communities in the Dutch Wadden Sea	MECO	1992-03-01	To present	

Details EDMERP project (top)

Firefox

EDMERP - Seadatanet2

SeaDataNet European Directory of M...

+

seadatanet.maris2.nl/v_edmerp/print.asp

Google



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European Directory of Marine Environmental
Research Projects (EDMERP)

[New query](#) | [Results](#) | Found 126 | Show 1 | Previous | [Next](#)

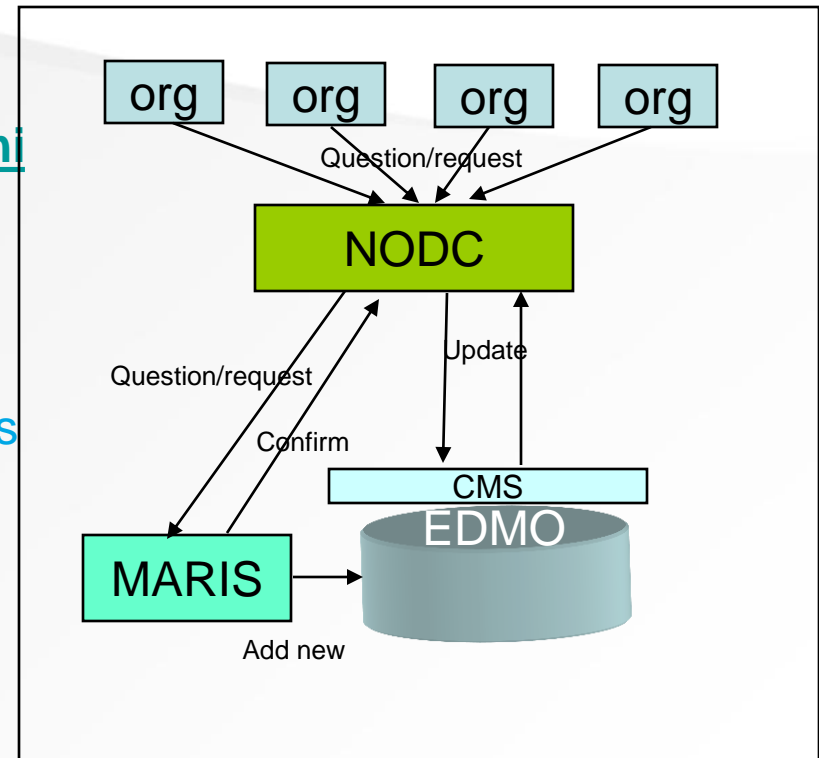
DETAILS	
GENERAL INFO	
Project title	Preparatory action for European Marine Observation and Data Network - Seabed Mapping Lot
Project acronym	EMODNet Seabed Mapping
Project website	http://www.emodnet-hydrography.eu
Begin date	2010-06-08
End date	2013-06-08
LOCATION	
Geographic coverage	The Seabed Mapping lot concerns the Iberian Coast and Bay of Biscay (Atlantic Ocean), Adriatic Sea (Mediterranean) and the Aegean - Levantine Sea (Mediterranean). It complements the areas covered in the EMODNet Hydrography lot: North Sea, Celtic Seas, the Western Mediterranean, the Ionian Sea and the Central Mediterranean.
Sea area (C16)	Adriatic Sea (Mediterranean Sea), Aegean Sea (The Archipelago) (Mediterranean Sea), Bay of Biscay, Ionian Sea (Mediterranean Sea), Mediterranean Sea - Eastern basin, North East Atlantic Ocean (limit 40W), Strait of Sicily
DESCRIPTION	
Data-themes (P081)	Administration and dimensions, Environment
Abstract	<p>The EU has adopted a new Marine Directive and Maritime Policy, which includes a requirement for an overarching European Marine Observation and Data Network (EMODNet), based upon a 'systems of systems' approach. As part of the EMODNet Roadmap the EU has contracted a number of 3 year data pilots, for Geology, Chemistry, Biology, Habitats, and Hydrography.</p> <p>The overall objective of the pilots is to migrate fragmented and inaccessible marine data into interoperable, continuous and publicly available data streams for complete maritime basins. The specific objectives of the pilots are:</p> <ul style="list-style-type: none"> • collating existing data from public and private organisations relating to the state of maritime basins; processing them into interoperable formats which includes agreed standards, common baselines or reference conditions; • assessing their accuracy and precision and assembling them into common datasets; • developing, testing, operating and maintaining a portal allowing public access and viewing of these data <p>The results will help to define processes, best technology and approximate costs of a final operational EMODNet. All pilots will adopt SeaDataNet standards.</p> <p>The Seabed Mapping lot is complementing the ongoing EMODNet Hydrography project. In practice activities for both projects are combined, also because major part of the activities is undertaken for further developing the EMODNet Hydrography portal in services and coverage.</p> <p>The following geographical information system layers will be produced:</p>



2. Updating EDMO directory - Organisations

Management of EDMO

- Updating via CMS forms:
http://seadatanet.maris2.nl/vu_organisations/welcome.asp
- Access only for NODC's
- New records only to be created via request from NODC to MARIS (governance is strict, because EDMO is vocabulary)
- When national institute misses organisation in EDMO during work (CDI, EMERP or other) => request to NODC
- Total list: Available as webservice (export only) for use in local systems and Mikado





http://seadatanet.maris2.nl/vu_organisations/welcome.asp

Current totals EDMO

- Nov 2011: 2094 from partner countries
- Sept 2012: 2261 from partner countries
(Total around 2700 institutes incl. International organisations)
- Activity slow but steady.
- Action for NODC's: Please make at least once a year a check if addresses and websites are still valid!

Search

FIND

organisation

IN

country

SEARCH 

Existing organisations only ☒ Yes / No

Or

Per country

Albania
Algeria
Azarbaijan
Belgium
Bulgaria
Croatia
Cyprus
Denmark
Estonia
Finland
France
France guiana
Georgia
German Democratic-
Republc deprecated
Germany
Greece
Greenland

Iceland
Ireland
Israel
Italy
Kazakhstan
Latvia
Lebanon
Lithuania
Malta
Martinique
Monaco
Montenegro
Morroco
Netherlands
New caledonia
Norway
Poland

Portugal
Reunion
Romania
Russian Federation
Slovenia
Spain
Sweden
Tunisia
Turkey
Turkmenistan
U. S. S. R (deprecated)
Ukraine
United Kingdom

Per service provided



Discovery and data access (CDI)



Cruise summary report (CSR)



Marine environmental research project (EDMERP)



Marine environmental databases (EDMED)



Ocean observing systems (EDIOS)



European Cruise programmes (EuroFleets)



Ocean going Cruise programmes (POGO)



Industry data discovery and access (SIMORC)

SEARCH RESULTS

Filters

European research fleets [Remove](#)
Malta [Remove](#)

Existing organisations only ☒

Service provided

Data sets (43)
 Cruise reports (39)
 Projects (37)
 Databases (35)
 Observing systems (32)
 Cruise programmes (EU) (31)
 Cruise programmes (ocean) (31)

Country

France (43)
 Belgium (39)
 Germany (37)
 Greece (35)
 Italy (32)
 Morocco (31)
 Netherlands (31)
 Norway (30)
 Poland (26)
 Romania (25)

[More country's](#)



Sort on | ☐ 20 ☐ 50 ☐ 100 Records | Found 88 | Show (1-6) | [Previous](#) | [Next 6](#)

Name: [Radiological Protection Institute of Ireland](#)

City / Country: Cork City, Ireland

[Cruises Ocean](#)
[Cruise Reports](#)
[Cruises EU](#)
[Projects](#)
[Datasets](#)

Name: [Red Cantabra de Desarrollo Rural](#)

City / Country: Palma de Mallorca, Spain

[Projects](#)

Name: [Regional Inspection of Environment and Waters, Burgas](#)

City / Country: Dorchester, United Kingdom

[Datasets](#)

Name: [Regional Inspection of Environment and Waters, Varna](#)

City / Country: Galway, Russian Federation

[Industry Data](#)
[Observation systems](#)

Name: [Regional Inspectorate of Environmental Protection in Gdansk](#)

City / Country: Szczecin, Poland

[Industry Data](#)
[Observation systems](#)
[Databases](#)
[Projects](#)
[Cruises EU](#)
[Cruise Reports](#)
[Datasets](#)
[Cruises Ocean](#)

Name: [Regional Inspection of Environment and Waters, Varna](#)

City / Country: La Spezia, Italy

[Industry Data](#)
[Observation systems](#)

Name: [Regional Inspection of Environment and Waters, Varna](#)

City / Country: La Spezia, Italy

ORGANISATION DETAILS

Filters

European research fleets [Remove](#)
Malta [Remove](#)

Existing organisations only ☒

Service provided

Data sets (43)
Cruise reports (39)
Projects (37)
Databases (35)
Observing systems (32)
Cruise programmes (EU) (31)
Cruise programmes (ocean) (31)

Country

France (43)
Belgium (39)
Germany (37)
Greece (35)
Italy (32)
Morocco (31)
Netherlands (31)
Norway (30)
Poland (26)
Romania (25)

More country's ▼

DETAILS

Name Aachen University of Applied Sciences, Campus Juelich
Native name Fachhochschule Aachen, Aussenstelle Jülich
Address Ginsterweg 1
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Country Germany
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Fax +49(0)241/6009-53199
Centre website http://www.fh-aachen.de/abt_juelich.html

ORGANISATION PROFILE



Compared to other universities in Germany, the structure of the University in Jülich is simple and easy to understand. This facilitates close contact with fellow students and professors. The different departments can be described by their internationally oriented study courses. There are about 2000 students out of which 600 are international students from other european and non-european countries.

RESULTS IN OTHER SERVICES



EDMO METADATA

EDMO record id 2298
Collating centre [German Oceanographic Datacentre \(NODC\)](#)
Latest update 8/9/2010 5:13:33 PM

| Found 88 | Show 1 | [Search](#) | [Next](#)



 GET DIRECTIONS