

Kick-Off Meeting – Athens – 19-20/10/2011



SeaDataNet

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

SeaDataNet Infrastructure Sustainability

Prerequisites and legal structure

SeaDataNet 2

- Two major steps:
 - A really **operational** infrastructure to be able to serve “all users at any time according to their needs”
 - A **legal status** to be able to be part of other initiatives as a consortium (e.g. data management for other EC projects ...)

Toward a really operational infrastructure:

- The infrastructure must deliver high quality and up to date information (metadata and data)
 - The infrastructure must be highly available to the users : robustness, availability
 - The infrastructure must have a good response time
- ➔ Since the infrastructure is distributed,
all data centres must fulfil these requirements

High quality metadata and data

- Data quality checks must be routinely operated according to the SDN procedures
- Delivered file format must fit common data formats (ODV, MEDATLAS). Two level of checks:
 - By data centres themselves
 - User panel
 - By WP10 when aggregating data at basin level
- Common Data Index entries must match really accessible data (according to users' access rights)

Up-to-date information in order to make SeaDataNet living and attractive

- European directories must be continuously updated, targeted objectives must be:
 - **Cruise summary reports (CSR)**
immediately after the cruise with a maximum delay of 6 months
(if possible, cruise planning may be also produced)
 - **EDIOS**
after observatories launch with a maximum delay of 3 months
 - **Common Data Index :**
immediately after data is archived in data centre
(even if access to data is restricted, users who are interested by these data could ask for authorization)

- Other reference European directories must also be continuously maintained up to date:
 - **Organisations (EDMO)** :
creation of a new organization
or check if existing one is up to date
when creating new CSR, EDIOS or CDI entries,
 - **Projects (EDMERP)** :
creation of a new project
or check if existing one is up to date
when creating new CSR, EDIOS or CDI entries,
 - **Data sets (EDMED)**
creation of a new dataset
or check if existing one is up to date
related to new CSR, EDIOS or CDI entries,



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Good response time (1/2)

New user registration

- new users agree on SeaDataNet data licence and fulfil an online form
- registration request is transmitted to the NODC of user's country

NODC tasks

- check emails “Registration request for SeaDataNet”
- check new user's information
- grant a role to user (academic, commercial) and validate the registration

(that forwards automatically login and password to user)

→ To be performed, by NODC, within **one working day** after reception of the email.

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Please enter your details to become a SeaDataNet registered user and to receive your personal login and password, that will enable you to request access to data sets. If you are registering as an employee of an organisation, then do not forget to enter the name, activity type and legal status of that organisation. If you leave out those details, then the system qualifies you as a private person. All your requests for data access will be regulated using your user type qualification in combination with the access restrictions as indicated in the metadata of the data sets.

* Title: Mr
* Family Name: maffei
* First Name: Andrew
* Country: United States
Organization: WHOI
* Activity type: REC - Research
* Legal status: PNP - Private Organisation, Non Profit
* Email: amaffei@whoi.edu
Phone: 508-289-2764
Address: Woods Hole Oceanographic Institution, Mailstop 46
Zip: 02543
City: Woods Hole
 Newsletters, conferences ...

Registration request from:
Title: Mr Family name: maffei First Name: Andrew
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Newsletters, conferences: yes

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Please, validate the registration and assign a SeaDataNetRole using:
https://www.ifremer.fr/AAARRegistration/faces/UserRegistration.jspx?_af=3930

* Title: Mr
* Family Name: maffei
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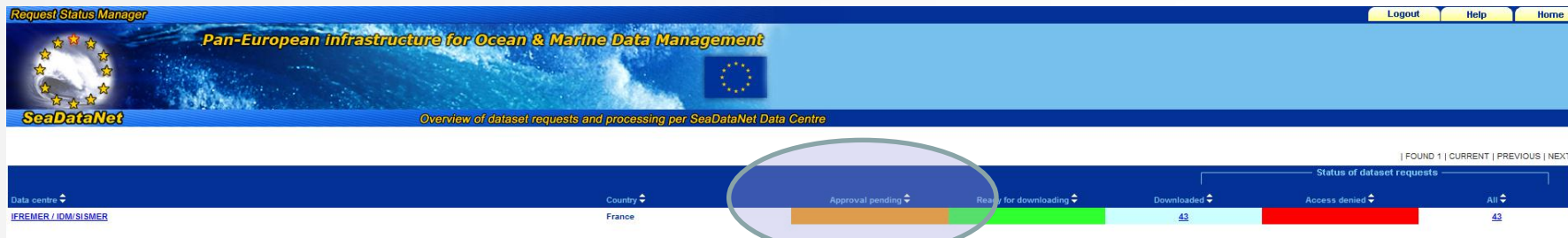
* Roles: Administrator, public, Academic, Commercial, national and local government, pan-national government



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Good response time (2/2)

- Processing of user data requests
 - ➔ Data centres must **check daily** (working days) if Download Manager is running
 - ➔ Data centres must **check daily** (working days) if no users' requests are pending at Request Status Manager (or check emails from RSM):
 - Requests which need approval
 - ➔ **An answer must be sent to user within a day** (even if negative)



Implementation of the infrastructure

- Operational operation of the infrastructure is a pre-requisite
- ➔ Only data centres which fulfil operational requirements must be candidate to be part of “SeaDataNet legal consortium”

A legal status? Why? For what?

- Objectives :
 - To be part (and funded) as a consortium able to participate to other initiatives,
 - To develop strong relationships with other similar initiatives
- To be studied :
 - Intellectual Property Rights (IPR) : Mumm-S.Scory – WP6
 - Metadata and data : update of SeaDataNet data policy and Licence
 - Software licences
 - Infrastructure Legal Status (representation, delegation...): JRC-V.Baralle – WP 6

Infrastructure legal status

- Possible legal instruments will be considered during SeaDataNet project
 - **European Research Infrastructure Consortium (ERIC)**
 - **European Economic Interest Group (EEIG)**

with the help of European Commission and layers from partners' organizations

The ERIC legal status

- **European Research Infrastructure Consortium (ERIC)** is a legal framework for European Research Infrastructure
- Information may be found at :
http://ec.europa.eu/research/infrastructures/index_en.cfm?pg=eric
- An ERIC has legal personality based on EU law (Article 171 of the EC Treaty). Its main tasks are establish and operate a research infrastructure.
 - European venture (also allowing the participation of non-European countries)
 - a legal personality recognised in all EU Member States
 - flexibility to adapt to the specific requirements of each infrastructure
 - some privileges/exemptions allowed for intergovernmental organisations
- Example in marine domain : EuroArgo

The EEIG legal status

- **European Economic Interest Group (EEIG)** is a flexible and **contractual** structure of, at least, two members from two different members states
- Information may be found at :
http://europa.eu/legislation_summaries/internal_market/businesses/company_law/l26015_en.htm
- The contract for the formation of an EEIG must include its name, its official address and objects, the name, registration number and place of registration, if any, of each member of the grouping and the duration of the grouping, except where this is indefinite. The contract must be filed at the registry designated by each Member State. Registration in this manner confers full legal capacity on the EEIG throughout the Community.
- When a grouping is formed or dissolved, a notice must be published in the Official Journal of the European Communities (C and S series).