

SeaDataCloud, Kick-off meeting – Riga – Nov. 30 – Dec. 1, 2016



SeaDataNet

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

Meeting agenda

Day 1, November 30rd, 2016

- Morning: general issues
 - Project overview, Management and Network organisation (IFREMER)
 - Technical challenges (MARIS)
 - EUDAT services and partners (EUDAT – CSC)
- Afternoon
 - 10 new members of the consortium : Presentation of their activities and the link with and role in SeaDataCloud
 - Deltares (Netherland), SYKE (Finland), UkrSCES (Ukraine), ETT (Italy), EuroGOOS (international), GEOMAR (Germany), 52°North (Germany), CNRS (France), UniBo (Italy)

Day 2, December 1st, 2016

- Morning: Joint Research Activities (MARIS)
 - Technical developments and work plan for the first year in WP8, WP9 and WP10, presentations by partners involved in the developments
- Afternoon
 - The scientific committee: role and expectations (EU-JRC)
 - Networking activities and Virtual access
 - Presentation by WP leaders of WP3 (training), WP4 (Communication), WP5 (metadata and data content) and WP6 (Core and advanced services) of the Work plan for the coming year
 - SeaDataNet AISBL (RBINS)
 - Work plan for next year (IFREMER)
 - Advisory board comments
- Scientific committee meeting 16:30 – 18:00 PM

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**SeaDataCloud Project Overview,
Management and organisation (WP1),
Project coordination (WP2)**

M. Fichaut

Overview

- Brief summary of SeaDataNet
- SeaDataCloud key figures and partnership
- SeaDataCloud overview
- SeaDataCloud management
- SeaDataCloud coordination tools
- Planning of reporting to the EC
- Status of the contracts and 1st payment

SeaDataNet : a brief summary

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

- It is **based on a semi-distributed system** where metadata are described in centralised catalogues while data are distributed in the different data centres connected to the infrastructure
- Major technical developments enable all **data centres to interact as a unique virtual data centre, able to deliver integrated data, meta-data and products** of controlled quality **through a unique portal**



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SDC Kick-off meeting, Riga, Nov. 30 – Dec. 1, 2016

Portal with standards, tools, and services, both for users and data centres

The screenshot displays the SeaDataNet website interface. At the top, the SeaDataNet logo and the text 'PAN-EUROPEAN INFRASTRUCTURE FOR OCEAN & MARINE DATA MANAGEMENT' are visible. Below the logo, a navigation bar includes links for Overview, Metadata, Data Access, Standards & Software, Products, Events, and Publications. The main content area features a large image of a research vessel's deck with a complex sampling rig, set against a background of icebergs in the ocean. To the left of this image, the 'DATA ACCESS' section is highlighted with a blue banner. The text in this section reads: 'The SeaDataNet infrastructure links 45 national oceanographic data centres and marine data centres from 35 countries riparian to all European seas. The data centres manage large sets of marine and ocean d... +'. To the right of the main image, there is a 'News' section with links for 'New release of NEMO' (Version 1.6.3 available), 'IMDIS 2016' (Gdansk (Poland) - October 11-13, 2016), and 'New SeaDataNet Newsletter'. Below the news section, there are links for 'SeaDataNet final meeting' (Presentations on-line!), 'Newsletters' (Click here to Newsletters), 'EU Participant Portal' (Click here to PP), and 'Feedback' (Your feedback on SeaDataNet). At the bottom left, the 'SEVENTH FRAMEWORK PROGRAMME' logo is visible. The website URL 'www.seadatanet.org' is prominently displayed at the bottom center in a large, purple font. The word 'Webmaster' is visible at the bottom right.

DATA ACCESS

The SeaDataNet infrastructure links 45 national oceanographic data centres and marine data centres from 35 countries riparian to all European seas. The data centres manage large sets of marine and ocean d... +

News

- [New release of NEMO](#)
Version 1.6.3 available
- [IMDIS 2016](#)
Gdansk (Poland) - October 11-13, 2016
- [New SeaDataNet Newsletter](#)
- [SeaDataNet final meeting](#)
Presentations on-line!

Newsletters

- [Click here to Newsletters](#)

EU Participant Portal

- [Click here to PP](#)

Feedback

- [Your feedback on SeaDataNet](#)

www.seadatanet.org

Webmaster



SeaDataNet standards

- Set of common standards for the marine domain, adapting ISO and OGC standards and achieving INSPIRE compliance
 - **Adoption of ISO 19115 – 19139 standard for describing metadata** on data sets, research cruises, monitoring networks, and research projects => marine metadata profiles, schemas, schematron rules
 - **Controlled vocabularies** for the marine domain (>65,000 terms in 82 lists), with international governance and web services
 - **Standards data exchange formats** : ODV ASCII and NetCDF (CF) fully supported by controlled vocabularies
- Maintenance and dissemination of standard Quality Assurance-Quality Check (QA-QC) procedures, together with IOC/IODE and ICES



SeaDataNet services and tools

- **Set of tools** to be used each data centre and freely available from the SeaDataNet portal: metadata editor (MIKADO), data conversion software (NEMO), download manager (DM), data analysis software (ODV), data interpolation software (DIVA)
- **Pan-European services** for harmonised discovery, access, visualisation of data and data products
- Common SeaDataNet **Data Policy** and SeaDataNet **OGC License**
- **Capacity building** by training workshops for uptake of standards and tools by the data centres in order to achieve standardisation





SeaDataNet

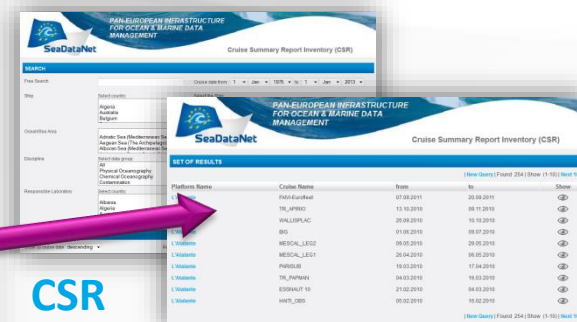
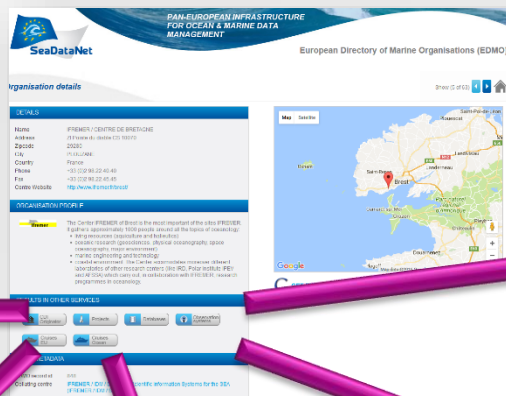
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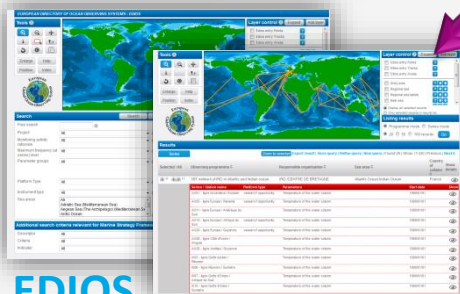
SeaDataNet metadata directories (1)

EDMO Organisations

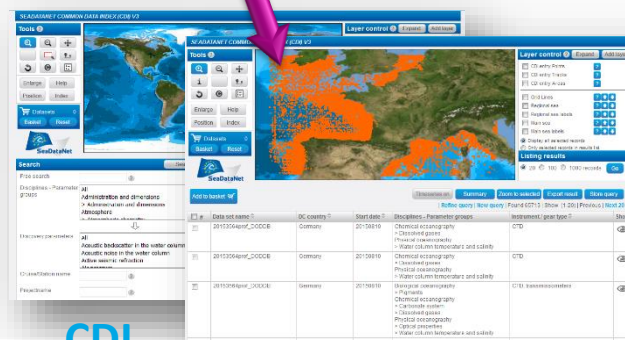


CSR Research cruises

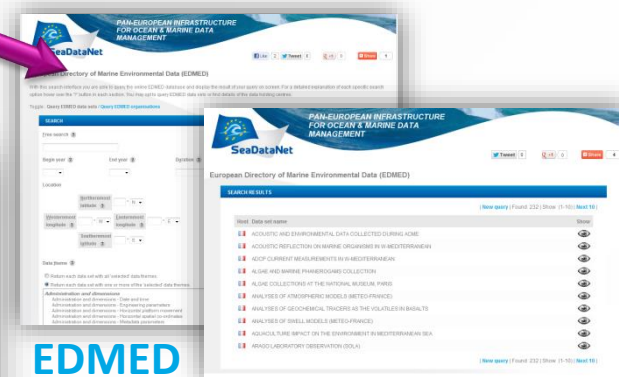
EDMERP Projects



EDIOS Observing programmes



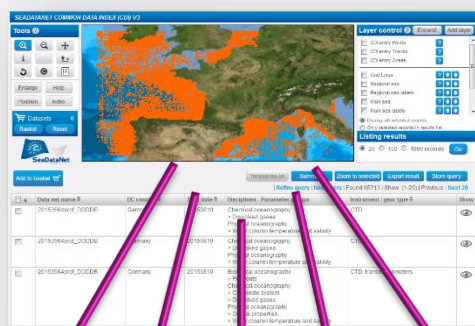
CDI Data index



EDMED Data sets



CDI service for discovery and unified data access

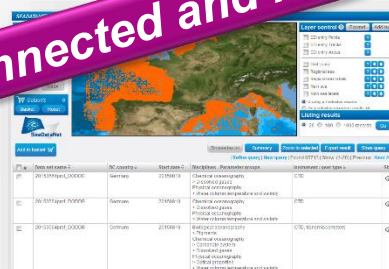


Search
and
Shop



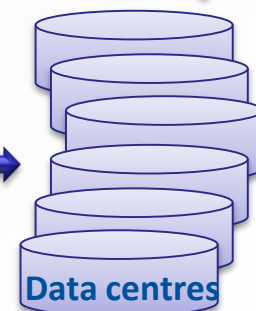
Data
add

Already 102 data centres connected and more underway



Metadata

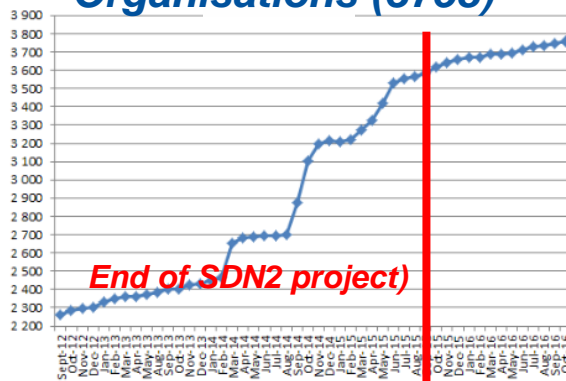
+ transaction data



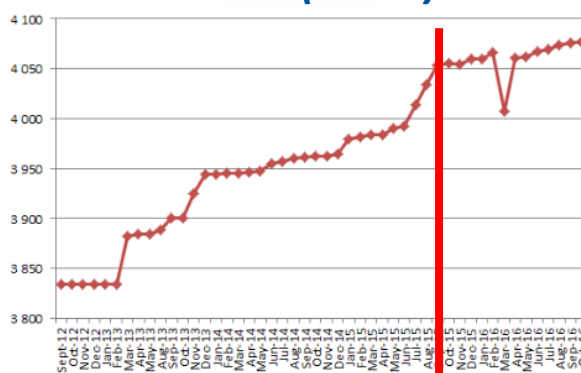
European data sources
data centres ← ≈ 600 originators

SeaDataNet metadata directories (2)

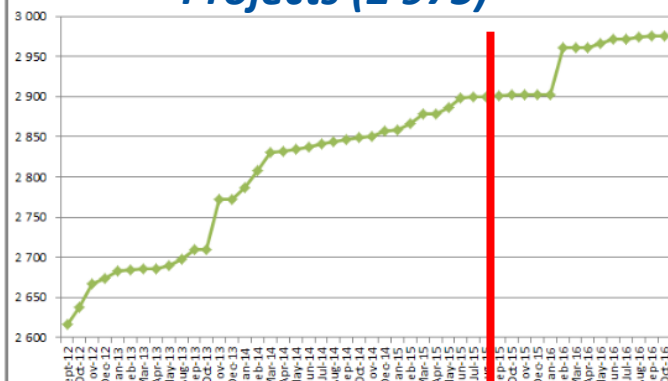
Organisations (3758)



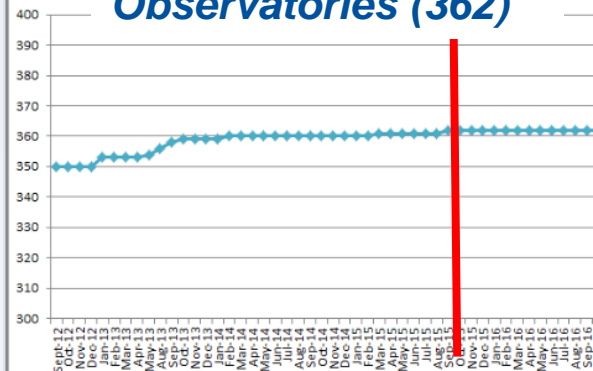
Data sets (4 077)



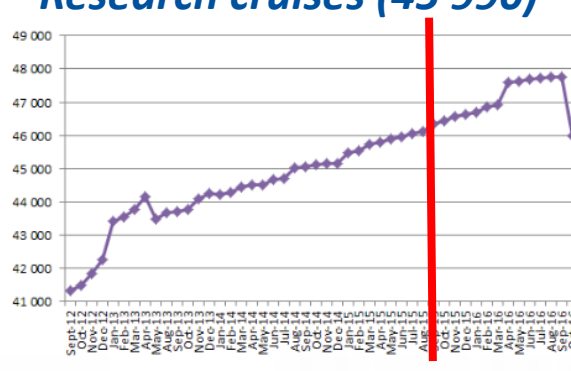
Projects (2 975)



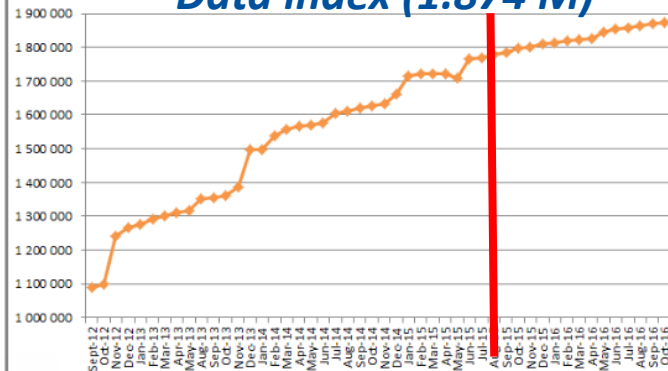
Observatories (362)

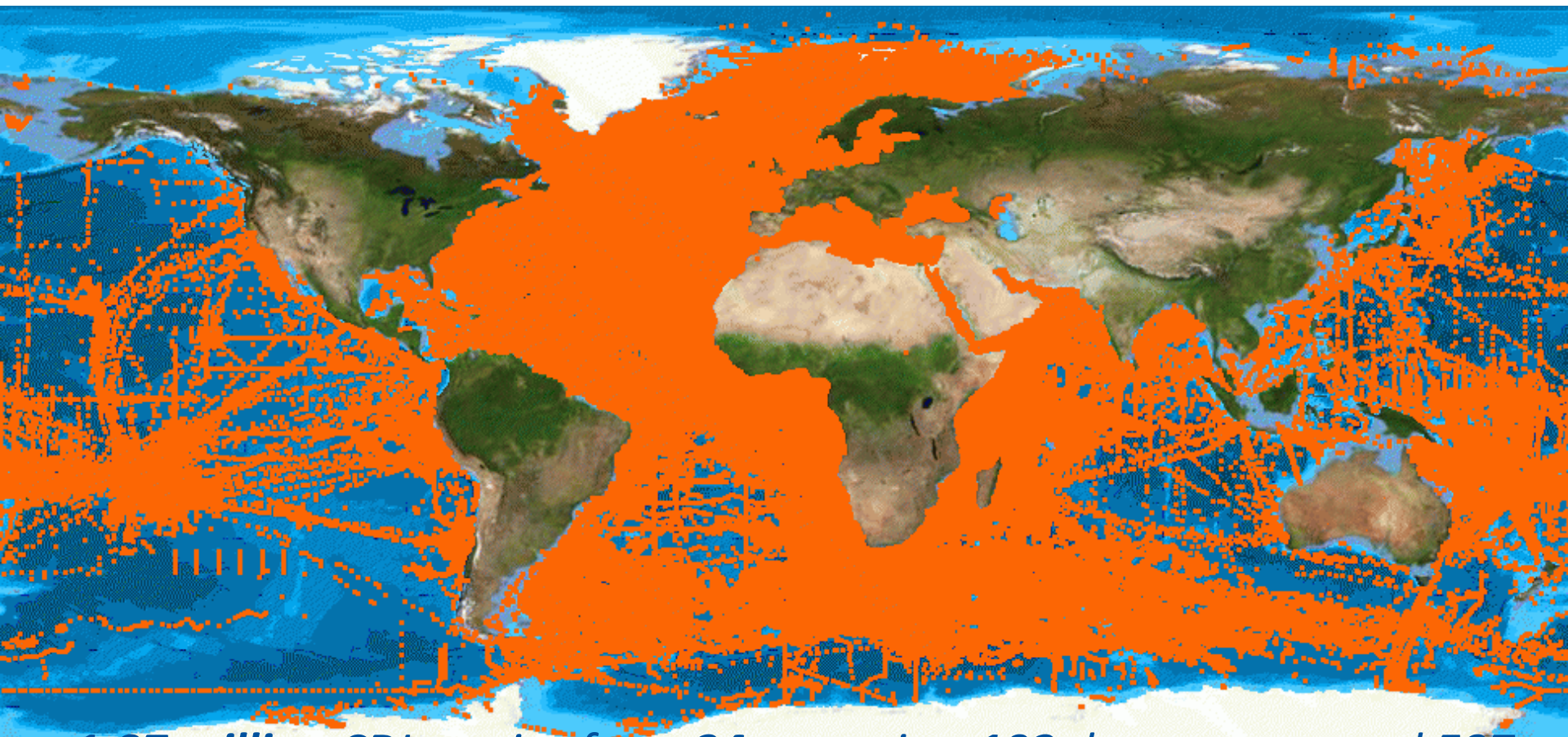


Research cruises (45 990)



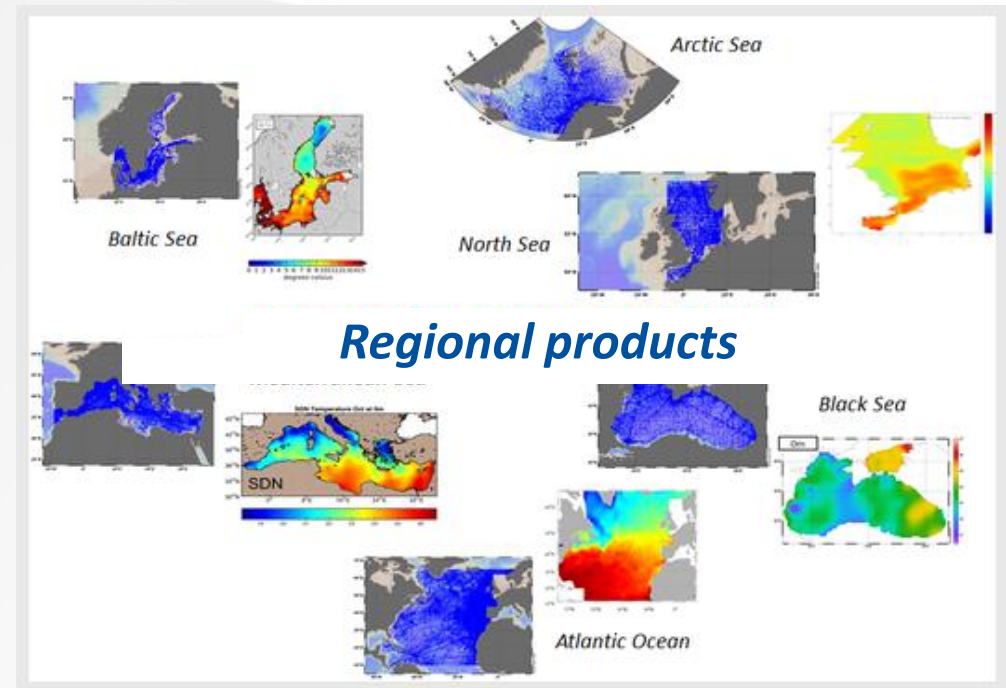
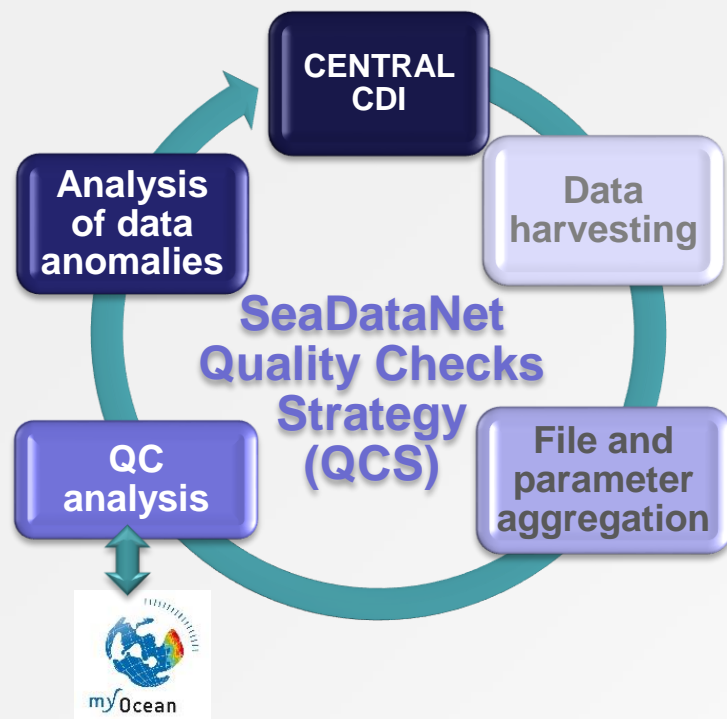
Data index (1.874 M)





1.87 million CDI entries from **34** countries, **102** data centres and **597** originators for physics, chemistry, geology, geophysics, bathymetry and biology; from **1805 to 2016**; **86%** unrestricted or under SDN License

SeaDataNet products



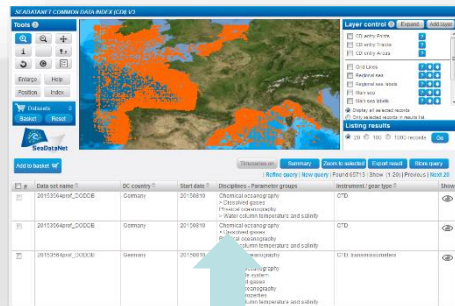
Aggregated datasets and climatologies
Improvement of the data quality



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016



Data discovery
and access



> 100 data centres



NODCs; HO; GEOs; BIOS; ICES; PANGAEA

≈ 600 European
data originators

CDI Data Discovery and
Access service



GEOSS portal



IODE ODP portal

Aggregated collection



Black Sea portal



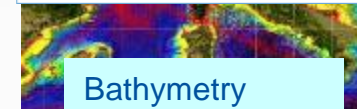
Caspian portal

Regional subsets



Geo-Seas portal

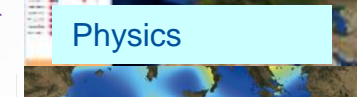
Thematic portals



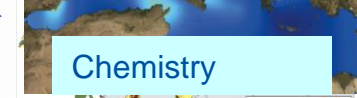
Bathymetry



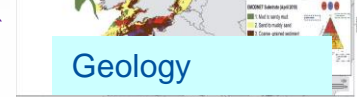
Physics



Chemistry



Geology



Biology

SeaDataCloud – a new opportunity

- Standards and information technology are always evolving, and the SeaDataNet infrastructure must stay up-to-date to maintain and further expand its services



SeaDataCloud: Key figures

- Start 1st of November 2016
- Duration 4 years
- Budget 10 M€
- 56 partners
- 5 subcontractors
- Total of 32 countries represented
- 1110.5 man/month

- 56 partners from 29 countries
- 5 subcontractors from 5 countries
- Total of 32 countries



SeaDataCloud consortium

Map showing the geographical distribution of SeaDataCloud consortium members across Europe and surrounding regions. Members are labeled with their acronyms:

- North Atlantic:** MRI, IMR, UIB, SMHI, CSC, FMI, SYKE, RIHMI, SIO-RAS, MSI, LHEI, AAA, IMGW, IO PAN, UKrSCES, NIMRD, IO-BAS, TSU-DNA, METU-IMS, ORION, IOLR.
- Central Europe:** DELTARES, MARIS, NIOZ, S2°North, AWI, BSH, DKRZ, GEOMAR, IODE, RBINS, ULG, VLIZ, CINECA, CNR, EU-JRC, ENEA, ETT, INGV, OGS, UniBo, GRNET, HCMR, IMBK, NIB, IOF, UoM, INSTM, INRH.
- Western Europe:** BODC, STFC, MI, CNRS, IFREMER, JCOMMOPS, SHOM, IHPT, CSIC, IEO.
- Australia:** CSIRO.

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- Eastern Europe:** IMR, UIB, SMHI, CSC, FMI, SYKE, RIHMI, SIO-RAS, MSI, LHEI, AAA, IMGW, IO PAN, UKrSCES, NIMRD, IO-BAS, TSU-DNA, METU-IMS, ORION, IOLR.
- South Europe:** IMR, UIB, SMHI, CSC, FMI, SYKE, RIHMI, SIO-RAS, MSI, LHEI, AAA, IMGW, IO PAN, UKrSCES, NIMRD, IO-BAS, TSU-DNA, METU-IMS, ORION, IOLR.
- Other:** CSIRO (Australia), IHPT, CSIC, IEO, JCOMMOPS, SHOM, IFREMER, CNRS, IODE, RBINS, ULG, VLIZ, EUROGOOS, BSH, DKRZ, GEOMAR, CINECA, CNR, EU-JRC, ENEA, ETT, INGV, OGS, UniBo, GRNET, HCIMR, IMBK, NIB, IOF, AU-DMU, ICES, S2°North, AWI, MARIS, NIOZ, DELTARES, BODC, STFC, MI, MRI.

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SeaDataCloud partnership

- 6 partners of SeaDataNet 2 missing
CLS (France), UniHb (Germany), EPA (Lithuania), INRH (Morocco), MHI and IBSS (Ukraine)
- 16 newcomers
 - 5 computing centres (EUDAT)
 - CINECA (Italy)
 - CSC (Finland)
 - DKRZ (Germany)
 - GRNET (Greece)
 - STFC (United Kingdom)
 - 4 data centres / data focal points
 - CNRS (France)
 - Syke (Finland)
 - UkrSCES (Ukraine)
 - 7 organisations for specific Technical or Scientific skills
 - CSIRO (Australia) – ETT (Italy) – UiB (Norway)
 - 52°North (Germany) – EuroGOOS (International) – UniBO (Italy)
 - Deltares (Netherlands) – GEOMAR (Germany)

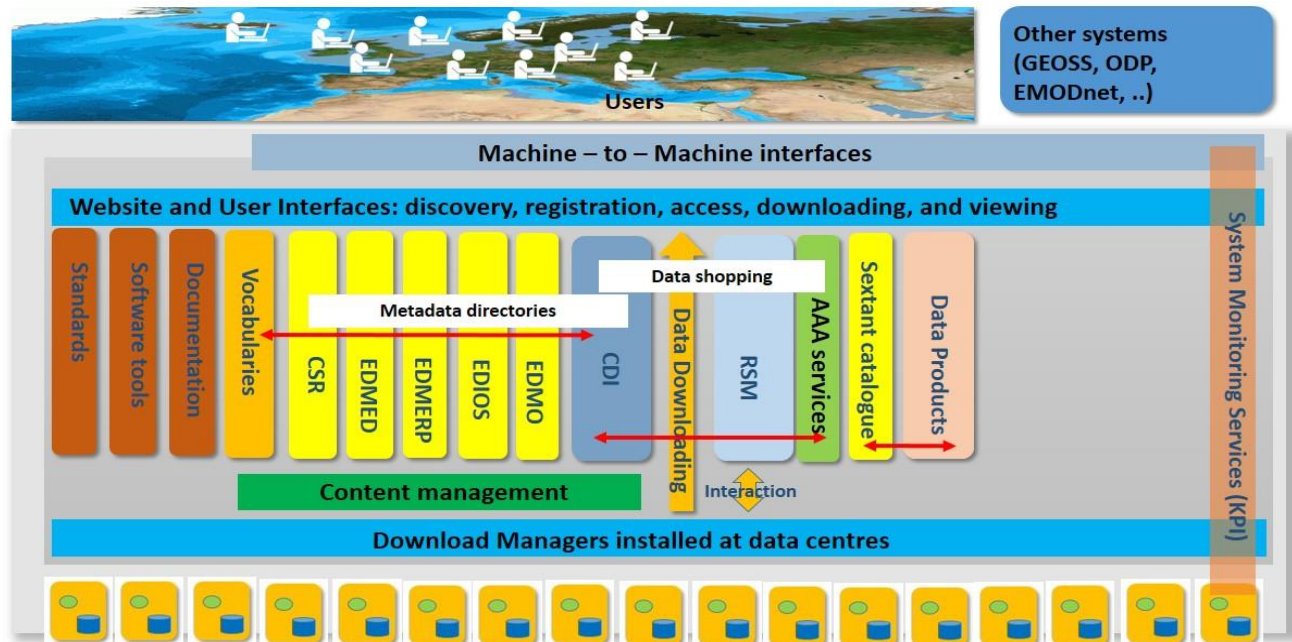
SeaDataCloud – some planned activities (1)

- **Improve services to user and data providers**
 - Utilise the benefits of a cloud environment with high performance computing to improve the performance of the CDI data access services
 - Develop online services to visualise and process data, in order to preview, subset, format, or analyse data of interest
 - Develop a Virtual Research Environment (VRE) to facilitate collaborative and individual research by users
 - Provide customized services (MySeaDataCloud services) to let users have his/her search profile, receive alerts on new available data, ingest and manage their own data sets
 - Scientific committee representing lead costumers (Copernicus CMEMS, ARGO, SOCAT, ...) will contribute to the specification and definition of tools and services

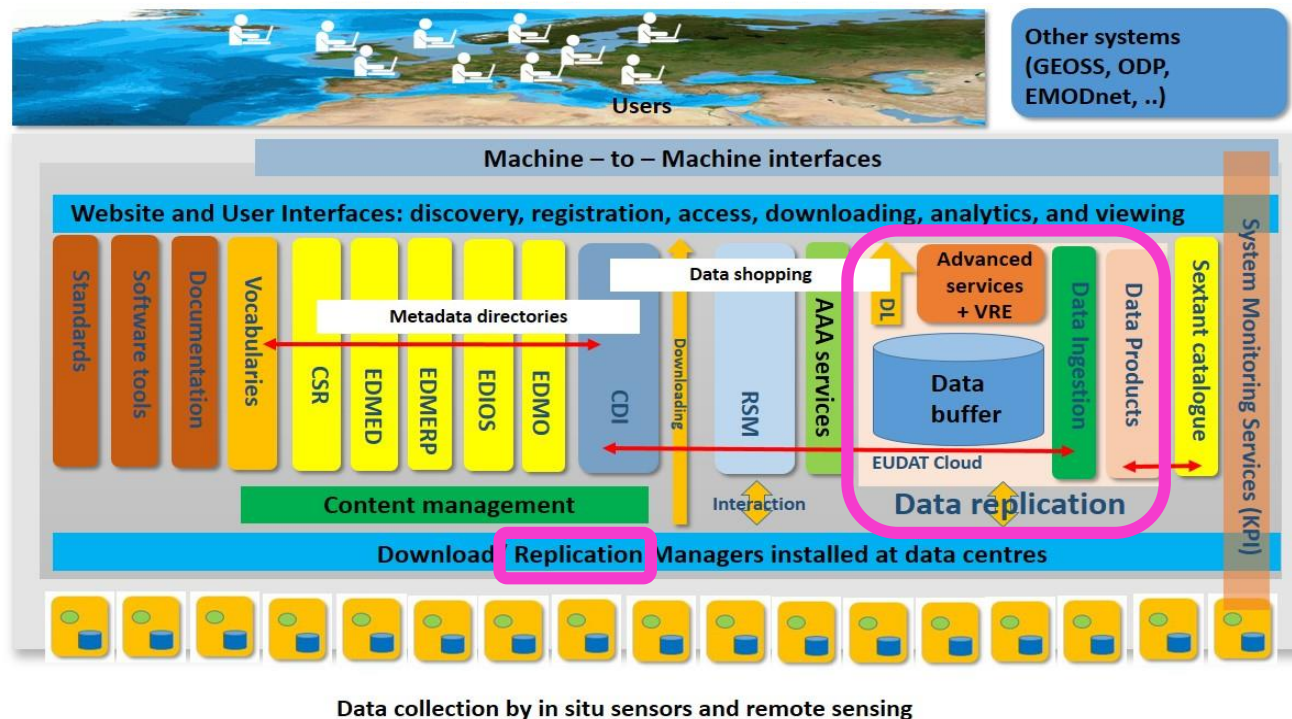
SeaDataCloud – some planned activities (2)

- Optimise connecting data centres and data streams to the infrastructure
 - Ease connecting data centres to the SeaDataNet infrastructure by revising and upgrading the existing components → Provide an integrated package for the new data centres by mean of a virtual application containing all necessary software and operating system
 - Facilitate connecting and ingesting data streams from operational observation networks using OGC Sensor Web Enablement (SWE) standards (in collaboration with ODIP Prototype 3 and other projects)
- Improve interoperability with other European and International networks

Present SeaDataNet architecture



Planned upgraded architecture with data replication, advance services and VRE in the cloud



SeaDataCloud: 3 types of activities

- H2020 :
 - Integrating Activities for Advanced Communities
 - Research and Innovation Actions (RIA)
- 3 types of activities
 - Networking activities (NA) → FP7 coordination,
 - Virtual Access (VA) → FP7 support
 - Joint research activities (JRA) → FP7 Research and Technical development (RTD)

SeaDataCloud : 11 work-packages

- WP1 : Project management (IFREMER) (22 m/m)
- Networking activities, 4 work packages (352.5 m/m)
 - WP 2: NA1- Project network coordination (IFREMER)
 - WP3: NA2 - Training of data providers (RBINS)
 - WP4: NA3 - Communication, dissemination and exploitation development (ENEA)
 - WP5: NA5 - Expansion and governance of metadata and data content (HNODC)
- Virtual access activities, 1 work package (71 m/m)
 - WP6: VA1 - Core and advanced services (OGS)

SeaDataCloud : 11 work-packages

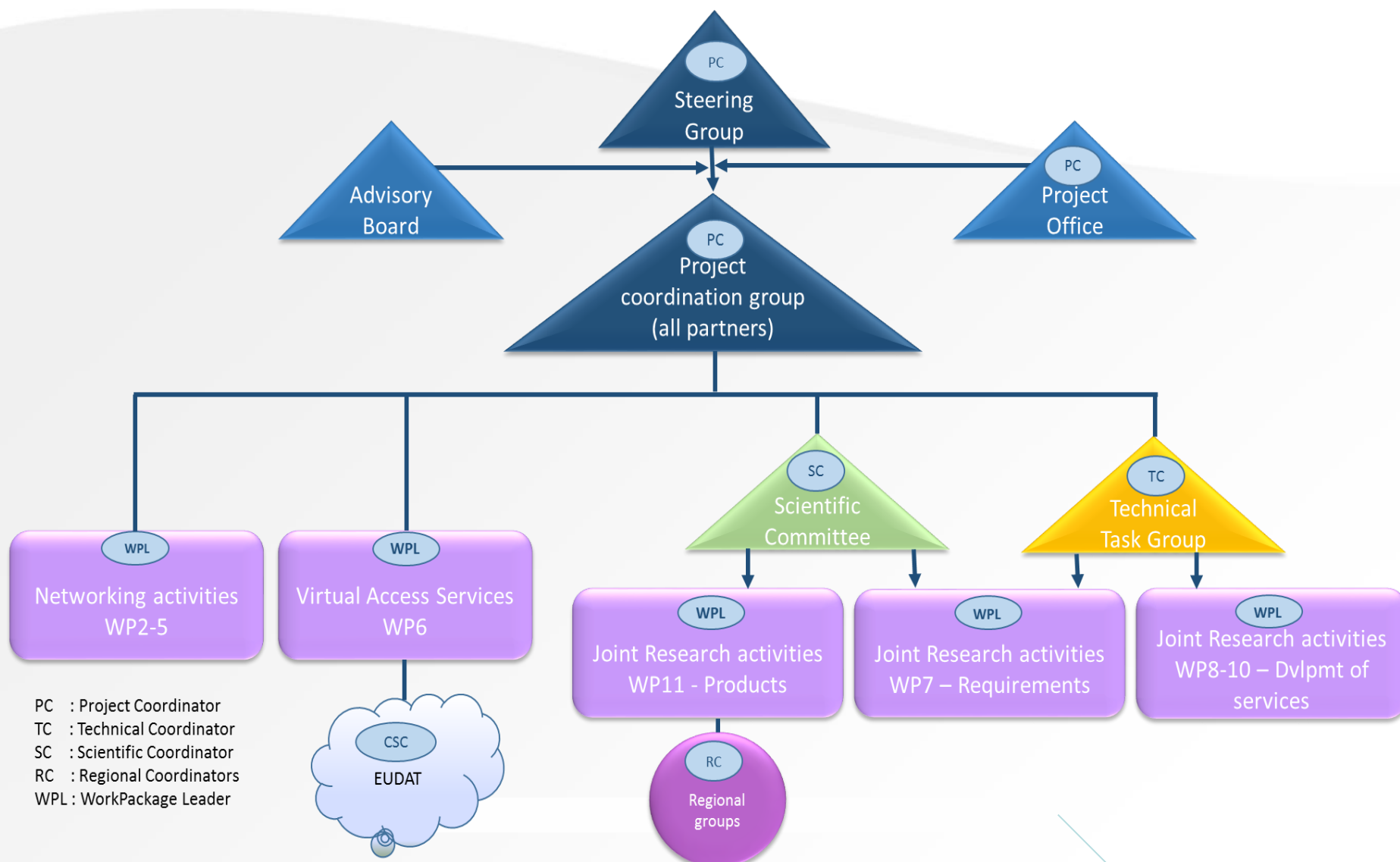
- Joint Research Activities, 5 work-packages (665 m/m)
 - WP7: JRA1 - Tuning of requirements and overall integration (EU-JRC)
 - WP8 : JRA2 - Governance of standards and development of common services (NERC-BODC)
 - WP9 : JRA3 - Development of upstream services (MARIS)
 - WP10: JRA4 - Development of downstream services (IFREMER)
 - WP11: JRA5 – Development, update and publication of data products for European sea regions (INGV)

Management : Structure

- **Key-functions :**
 - EU project officer : Agnès Robin
 - Project coordinator (PC - IFREMER)
 - Technical coordinator (TC - MARIS)
 - Scientific coordinator (SC – EC-JRC)
 - Work-package leaders
 - Regional coordinators for products (RC)

Management : Structure

- Key-committees
 - Steering group (SG)
 - PC, TC, SC, WP leaders, RC
 - ICES (MSFD : Marine Strategy Framework Directive), VLIZ (Marine biological data management), BSH (management of CSR catalogue), CSC (representing the EUDAT consortium), ULD and AWI (development of major tools)
 - Project office (PO for supporting PC and SG)
 - Technical task group (TTG)
 - Scientific Committee (SC)
 - Advisory group (group of external experts)
 - Project coordination group of all partners and subcontractors



Management : 2 decision levels

- Strategic level, to manage the overall strategy and financial, scientific and technical progress represented by:
 - Steering group
 - Project coordinator
 - Technical coordinator
 - Scientific coordinator
- Operational level, to implement the scientific and technical activities necessary to achieve the objectives represented by:
 - Project office
 - Work-package leaders

Networking activities : foreseen meetings

Group	Number of meetings	Comment	Number of partners involved
Coordination group	5	Kick-off + 4 annual meeting	61
Steering Group	9	Twice a year + final meeting	18
Technical Task Group	8	Twice a year	30
Scientific Committee	5	Kick-off + 4 annual meetings	7
Advisory Board	5	Kick-off + 4 annual meetings	6

Coordination group meetings

- All group:
 - Partners, subcontractors, advisory group
- Roles:
 - Discuss and tune the content and coherence of the work plan activities (WPA)
 - Monitor and evaluate the progress of the WPA
 - Stimulated collaboration, exchange of knowledge and expertise between partners

Steering Group meetings

- Roles
 - Coordinate all project activities and define priorities
 - Take decisions regarding scientific and technical issues, financial issues and person power planning
 - Monitor the progress of scientific and technical activities within the Work-package
- Communication to the full group
 - Agenda of the steering committee distributed before
 - Minutes of the meeting distributed after

Scientific committee meetings

- **Roles**
 - Overall specifications of tools and services from a user perspective (feedback and monitoring of their developments)
 - Specifications of products useful for their communities
 - Promotion of SeaDataCloud services and tools
- **Communication to the full group**
 - Through the scientific coordinator at the steering group meetings and the plenary meetings

Advisory board : role

- To assist the steering committee
- To participate to each Coordination Group meeting
- To contribute, review and give advice on
 - Standards and protocols
 - Technical solutions
 - Quality of services and products
 - Training and capacity building
 - Dissemination and promotion
 - ...

Advisory board : members

- Maximum 6 members, high level experts in marine data management
 - **Margarita Gregg**, Deputy director of NOAA –NCEI (represented at this meeting by **Ken Casey**, Technical Director of US NODC) (USA)
 - **Mathieu Ouellet**, Fisheries and Oceans, Canada
 - **Phil Weaver**, Managing director of Seascope Consultants Ltd, UK
 - **Kathrine Angell-Hansen**, Director of JPI oceans secretariat (Belgium) represented at this meeting by **Anastasios Lekkas**
 - **Erik Buch**, Chair of EuroGOOS (Belgium) (excused for this meeting)
 - **Peter Pulsifer**, Chair of the international Arctic Data Committee (USA)

Coordination tools: mailing lists

1. sd-admin@seadatanet.org: administrative contacts (67)
2. sd-legal@seadatanet.org: legal contacts (58)
3. sd-po@seadatanet.org: project office (3)
4. sd-advisoryboard@seadatanet.org: advisors (6)
5. sd-partners@seadatanet.org: all partners (121)
6. sd-product-lead@seadatanet.org: regional coordinators (7)
7. sd-sciencecom@seadatanet.org: scientific committee (8)
8. sd-stcom@seadatanet.org: steering group (26)
9. sd-subcontractors@seadatanet.org: all subcontractors (10)
10. sd-tech@seadatanet.org: technical group (77)
11. sd-all@seadatanet.org : 4+5+6+7+8+9+10 (168)
12. sdn-userdesk@seadatanet.org: Helpdesk managed by IFREMER

Coordination tools

- Extranet for the project
 - Same tool than for SeaDataNet 2 : **ALFRESCO**
 - Available from the web site through the key icon
 - 2 directories:
 - SeaDataNet 2, **SeaDataCloud**
 - Start content
 - Documents of the proposal
 - Folders for Deliverables, Steering Group, TTG, Scientific committee On demand also
 - Restricted access can be managed

Alfresco Share

Mon tableau de bord Sites Personnes Plus ...

Déconnexion Michele FICHAUT Aide

Saisir des termes de recherche...

Site SeaDataNet





Tableau de bord du site Espace documentaire Membres

Créer un contenu... Nouveau dossier Ajouter un fichier Éléments sélectionnés...

Cacher le fil d'Ariane Flux RSS

Plus haut Documents

Sélectionner 1 - 2 sur 2 << 1 >> Trier par : Nom Cacher les dossiers

		★ SeaDataCloud Modifié : Mar 22 Nov 2016 09:06:37 Modifié par : Vanessa TOSELLO Description : (Aucun) Tags : (Aucun)
		★ SeaDataNet II Modifié : Mar 22 Nov 2016 09:03:47 Modifié par : Thibaut DUTRION Description : (Aucun) Tags : (Aucun)

1 - 2 sur 2 << 1 >>

▼ Documents

Tous les documents

Verrouillés par moi

Verrouillés par d'autres

Récemment modifié

Récemment ajouté

Mes favoris

Mon Panier

▼ Fichiers

Documents

- SeaDataCloud
 - Deliverables
 - H2020-INFRAIA F
 - Scientific Commi
 - Steering Group
 - Technical Task G
- SeaDataNet II

▼ Tags

agenda (1)

▼ Catégories

Documents



SeaDataNet

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FOR OCEAN & MARINE DATA
MANAGEMENT

SDC Kick-off meeting, Riga, Nov. 30 – Dec. 1, 2016

Déconnexion
Michele FICHAUT ▾
Aide

Saisir des termes de recherche...

Site SeaDataNet

Plus ▾

Tableau de bord du site
Espace documentaire
Membres

Documents
Tous les documents
Verrouillés par moi
Verrouillés par d'autres
Récemment modifié
Récemment ajouté
Mes favoris
Mon Panier

Fichiers
Documents
SeaDataCloud
Contracts
Deliverables
Proposal
Scientific Commi
Steering Group
Technical Task G
SeaDataNet II

Tags
agenda (1)

Catégories
Documents

Créer un contenu... ▾
Nouveau dossier
Ajouter un fichier
Éléments sélectionnés... ▾
Cacher le fil d'Ariane
Flux RSS

Plus haut
Documents > SeaDataCloud

Sélectionner ▾
1 - 6 sur 6 << 1 >>
Trier par : Nom ▾
Cacher les dossiers

	Contracts Modifié : Jeu 24 Nov 2016 09:44:19 Modifié par : Vanessa TOSELLO Description : (Aucun) Tags : (Aucun)
	Deliverables Modifié : Mar 22 Nov 2016 09:06:01 Modifié par : Vanessa TOSELLO Description : (Aucun) Tags : (Aucun)
	Proposal Modifié : Jeu 24 Nov 2016 09:41:30 Modifié par : Vanessa TOSELLO Description : (Aucun) Tags : (Aucun)
	Scientific Committee Modifié : Mar 22 Nov 2016 09:06:36 Modifié par : Vanessa TOSELLO Description : (Aucun) Tags : (Aucun)
	Steering Group Modifié : Mar 22 Nov 2016 09:06:11 Modifié par : Vanessa TOSELLO Description : (Aucun) Tags : (Aucun)
	Technical Task Group Modifié : Mar 22 Nov 2016 09:06:28 Modifié par : Vanessa TOSELLO Description : (Aucun) Tags : (Aucun)

Access to Alfresco share

- Former SeaDataNet partners
 - Use the same login/password than for SeaDataNet 2
- Newcomers
 - ➔ IFREMER has created extranet login to all members of the mailing lists (except sdc-legal, sdc-admin)
 - ➔ If still some access missing: email to be sent to sdn-userdesk@seadatanet.org

Roles in Alfresco share

- Administrator = IFREMER, MARIS
 - Creation and management of the extranet : user registration, definition of user rights, etc.
 - All rights on all documents
- Collaborators (Working Group on their own folders)
 - Example: Scientific committee on Scientific committee folder
 - Management of documents
 - Creation and modification of any documents
 - Suppression and move of their own documents
- Consumers (sdc-all)
 - Read and download the documents

Coordination tools : Web site

- www.seadatanet.org
- New design in preparation (relooking of web site and logo)
 - Flat design, Responsive (smartphones, tablets , computers)
 - Content
 - Recovery from SeaDataNet 2
 - Metadata, Data access, Standard and software, Products, Events, publications
 - New Tab “About us”
 - H2020 - SeaDataCloud (content to be created)
 - History (by project: description, partnership, status of SDN infrastructure at the end...)
 - FP7-SeaDataNet 2
 - FP6- SeaDataNet

Reporting to EC : planning

- 3 reports during the project:
 - From 01/11/2016 to 31/04/2018 – 18 months
 - From 01/05/2018 to 31/10/2019 - 18 months
 - From 01/11/2019 to 31/10/2020 – 12 months

Contract status

- Grant agreement
 - Delayed because of one partner declaration of honour signature possible only last week (administrative delays and informatics problems)
 - Signed by IFREMER on **Nov. 23rd**
 - To be signed by EU (2 weeks delay)
 - Dead line Nov. 26th → extension requested for 2 more weeks (Dec., 10th)
- Consortium agreement
 - Prepared by IFREMER juridical department
 - Version 0 sent to all partners on Nov. 18th, 2016
 - Dead line for feedback Nov. 30th 2016
 - Final version to be sent to all partner's legal department for signature of hard copies
 - hard copies sent back to IFREMER (Sonia Hamiti, Paris)
 - IFREMER will send back a version to each partner
 - Deliverable deadline on M3 (21/01/2017)

Sub-contract status

- 5 sub-contracts to be prepared
 - IFREMER – INSTM
 - IFREMER – IODE
 - IFREMER – JCOMMOPS
 - MARIS – CSIRO
 - OGS – IMBK
- Start from sub-contracts of SeaDataNet 2 plus technical annex to describe the expected work in SeaDataCloud
 - IFREMER will provide a model to MARIS and >OGS

1st Payment – Pre-financing

- The pre-financing will be transferred to IFREMER within 2 weeks after signature of GA by EC → December 24th !!!



- Then IFREMER will proceed to the payment of all partners → payment expected **January 2017**

1st Payment – Pre-financing

Grant Management Grant Agreement Data nfichami (EXTERNAL)

730960 (SeaDataCloud) RIA
THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION
HORIZON 2020
Call: H2020-INFRAIA-2016-2017
Topic: INFRAIA-01-2016-2017 Unit: RTD/B/04

Project Summary Beneficiaries General Information Reporting Periods GA Information GA Options Financial Information LF Overview Infrastructure Work Packages Deliverables Milestones

DOCUMENTS

Financial Information

i This screen is only editable by EU Officers

	Amount	Percentage		
Prefinancing	5,333,193.33 €	53.33 %	of 9,999,737.50 €	Default
Guarantee Fund	499,986.88 €	5.00 %	of 9,999,737.50 €	Default

Actual amount of the pre-financing to be paid to the bank account specified in the agreement 4,754,513.75 €
Actual amount of the prefinancing paid to JRC 78,692.70 €

Amount = 5,133,199.33 Euros → 53.33% of total amount
Guarantee Fund = 499,986.66 Euros → 5% of total amount

Thank you for your attention

Any questions?