

1st plenary meeting, Rhodes, 19-20 September 2012



SeaDataNet

PAN-EUROPEAN INFRASTRUCTURE
FOR OCEAN & MARINE DATA
MANAGEMENT

***Work plan, milestones and deliverables for the 2nd year
First periodic report to EC***

M. Fichaut, IFREMER, France

Overview

- Work plan of years 1 and 2
- Synthesis of the 1st year deliverables and milestones
- Foreseen 2nd year deliverables and milestones
- Mid-term review
- Foreseen meetings
- First periodic report to EC



1st plenary meeting, Rhodes, 19-20 September 2012

Work Package description

[illegible]



Work Package description

Work Package description		Year 1						Year 2					
		2	4	6	8	10	12	14	16	18	20	22	24
WP6	Communication – dissemination – promotion to users, data providers and EU initiatives – organisation initiatives - IPR issues												
6.1	Promotion and Dissemination Plan towards potential users and data providers												
6.2	Dissemination and promotion activities, incl SeaDataNet portal												
6.3	Organising 1 edition of the IMDIS Conference												
6.4	Definition and implementation of strategic promotion												
6.5	Analysis of possible legal models for SeaDataNet for a sustained operation												
6.6	Intellectual Property Rights (IPR)												
WP7	Services to give Scientific Access to metadata, data, aggregated data sets and data products												
7.1	Operational scientific access services to data, metadata and products												
7.2	Operational access services to data, metadata and products, INSPIRE compliant with OGC-CSW harvesting for metadata updating												
7.3	Operational access services to data, metadata and products with a wider range of datatypes, real time, visualisation services, and machine to machine interfaces												
7.4	Scientific access coordination												
WP8	Specification and governance of standard metadata, data and data product formats, qc methods, common vocabularies and specifications of new services												
8.1	Defining ISO 19139 Schema based XML formats for the SeaDataNet metadata formats												
8.2	Defining an extended metadata format for the CDI to support operational oceanography												
8.3	Defining extended metadata format for CDI to support handling of marine biological data												
8.4	Specification and governance of additional and upgraded data formats												
8.5	Maintenance, extensions and governance of Common Vocabularies												
8.6	Specification of new services for viewing, access to aggregated data sets, machine to machine interactions, and interoperability												
8.7	Method for duplicates management												
WP9	Development and governance of software tools, services and interoperability solutions												
9.1	Upgrading SeaDataNet tools and services applying CS-W and ISO 19139												
9.2	Upgrading SeaDataNet portal services and local software components for data access (including visualisation services, and handling more data types and formats)												
9.3	Developing machine to machine interfacing for various purposes												
9.4	Developing interoperability with global portals (IOC-IODE Ocean Data Portal and GEOSS)												
9.5	Upgrading the Ocean Data View analysis and visualisation software												
9.6	Upgrading the DIVA software and OceanBrowser visualisation services for data products												
WP10	Development and regular updating of standard data products for maritime regions												
10.1	Regional product harmonisation and common services												
10.2	Aggregation of regional data sets and processing of examples products												

1st year deliverables status (1)

Deliverable	N°	Contractual Delivery month	Leader	Delivery date	Status of the delivery
Signed consortium agreement	1.2	1	IFREMER	05/04/2012	late
Operational extranet + web site	2.3	2	IFREMER	07/12/2011	on time
User manual for updating metadata catalogues	4.6	2	HNODC	18/01/2012	late
User manual for updating CDI	5.7	2	MARIS	01/03/2012	late
Project plan	1.1	3	IFREMER	07/12/2011	on time
Minutes of the kick-off meeting	2.1	3	IFREMER	15/12/2011	on time
Minutes of 1 st steering committee	2.2	3	IFREMER	07/12/2011	late
Monitoring plan	2.4	3	HNODC	21/03/2012	late
Strategic promotion plan	6.1	3	JRC	24/12/2011	on time
Promotion and dissemination plan	6.5	3	ENEA	12/12/2011	on time

1st year deliverables status (2)

Deliverable	N°	Contractual Delivery month	Leader	Delivery date	Status of the delivery
Operational monitoring system	2.5	6	HNODC	31/10/2012	planned
New partners connected to operational CDI	5.1	6	MARIS	31/12/2012	planned
Posters, leaflets and brochures	6.2	6	ENEA		planned
1st electronic newsletter	6.3	6	ENEA	07/09/2012	late
Report on initial situation concerning IPR (Intellectual Property Right)	6.8	6	MUMM	10/04/2012	on time
ISO 19139 schemas for CDI	8.1	6	CNR	31/10/2012	planned
ISO 19139 schemas for CSR	8.10	6	CNR	31/11/2012	Planned
Minutes of the 2nd steering committee	2.7	8	IFREMER	09/05/2012	on time
Implementation plan for the gradual installation of upgraded services per directory (excl CDI)	4.1	9	HCMR	30/11/2012	planned
Upgraded Mikado software	9.1	9	IFREMER	31/12/2012	planned

1st year deliverables status (3)

Deliverable	N°	Contractual Delivery month	Leader	Delivery date	Status of the delivery
Upgraded central directories with CSV harvesting and ISO-19139	9.2	9	IFREMER	31/03/2013	planned
First session of training course	3.1	10	MUMM	06/07/2012	on time
ODV - updated versions and documentation	9.7	10	AWI	12/09/2012	Late
Pilot group of SDN national nodes operational with upgraded directory services (excl CDI)	4.2	11	HCMR	31/01/2013	planned
Regular metric analysis report	2.6	12	OGS	31/10/2012	planned
First report on user panel	2.9	12	OGS	31/10/2012	planned
Report on the first training course	3.2	12	MUMM	31/10/2012	planned
Revised set of instruction for installation of upgraded services (excl CDI)	4.3	12	HCMR	31/03/2013	planned
Central discovery services for EDMED, EDMERP, EDIOS and CSR with CS-W and harvesting services	4.5	12	MARIS	31/03/2013	planned

1st year deliverables status (4)

Deliverable	N°	Contractual Delivery month	Leader	Delivery date	Status of the delivery
1st strategic promotion progress report	6.6	12	JRC	31/10/2012	planned
Generic SeaDataNet Software License model	6.9	12	MUMM	31/10/2012	planned
1st progress report on IPR issues	6.10	12	MUMM	31/10/2012	planned
DIVA – updated versions and documentation	9.9	12	ULG	31/10/2012	planned
Document on common specifications, selected parameters, aggregation and processing procedures	10.1	12	INGV	31/10/2012	planned

1st year milestones

Milestone	N°	Delivery month	Leader
Kick-off meeting	1	2	IFREMER
New SeaDataNet data centres connected to operational CDI services	2	6	MARIS IMBK – Montenegro RSHU - Russia SHOM – France Tubitak - Turkey UniHb – Germany IBSS – Ukraine INRH –Morocco INSTM – Tunisia INEWI – Albania IOPAN - Poland
1 st training workshop	3	10	MUMM

2nd year deliverables (1)

Deliverable	N°	Contractual Delivery month	Leader	Delivery date	Status of the delivery
Minutes of the 3rd steering committee	2.8	13	IFREMER	31/10/2012	planned
Minutes of the 1st plenary meeting	2.1	14	IFREMER	31/10/2012	planned
All SDN nodes operational with upgraded directory services (excl CDI)	4.4	16	MARIS		
New viewing and access services	8.7	16	IFREMER		
ODV – updated version and documentation	9.13	16	AWI		
Duplicate management	8.8	16	AWI		
Connection of the not yet connected SDN data centres to the operational CDI service	5.2	18	MARIS		
All SDN nodes and CDI portal operational with OGC-CSW and harvesting	5.3	18	MARIS		
New versions of poster, leaflet and brochure	6.11	18	ENEA		

2nd year deliverables (2)

Deliverable	N°	Contractual Delivery month	Leader	Delivery date	Status of the delivery
2nd electronic newsletter	6.12	18	ENEA		
Interoperability solutions with global portals such as ODP and GEOSS	9.6	18	RIHMI-WDC		
Minutes of the 4th steering committee	2.11	20	IFREMER		
Machine interface for CDI	9.5	20	MARIS		
Proceedings of IMDIS 2013	6.4	22	IFREMER		
SDN machine to machine interface with regulator operational for metadata	5.6	24	IFREMER		
2nd strategic promotion progress report	6.13	24	JRC		
2nd progress report on IPR issues	6.14	24	MUMM		

2nd year deliverables (3)

Deliverable	N°	Contractual Delivery month	Leader	Delivery date	Status of the delivery
SensorML profiles for specific marine observations data	8.2	24	MARIS		
O&M data models adapted to specific marine observations data	8.3	24	IFREMER		
SeaDataNet NetCDF (CF)	8.5	24	CNR		
ODV – specifications for QC plugin interface	9.8	24	AWI		
DIVA – report on multidimensional analysis and spatially correlated observations errors	9.1	24	ULG		
DIVA – New version of DIVA Web	9.11	24	ULG		
DIVA – New version of OceanBrowser	9.12	24	ULG		
DIVA – updated versions and documentation	9.14	24	ULG		
1st release of aggregated data sets products	10.2	24	INGV		

2nd year milestones

Milestone	N°	Delivery month	Leader
End of 1 st innovation cycle – 1 st major upgrade of SDN infrastructure ready	4	18	MARIS
Metadata interoperability with INSPIRE portal and global portals (GEOSS, IODE/ODP)	5	18	RIHMI-WDC
IMDIS 2013 conference	6	22	IFREMER
1 st release of the aggregated data sets products	7	24	INGV
Machine to machine interface ready for regulated metadata and data delivery to MyOcean, WISE Marine	8	24	MARIS

Mid-term review

- Mid-term review in November, December 2013
 - 1 Full day with an external reviewer and EU officer to present the status of the project
 - **All deliverables until M24 must be available** for the reviewer (2 months before the review), delay in delivery should be avoided

Meetings of Technical task group TTG

- Twice a year
- Next meeting : in Obninsk, Russia – RIHMI-WDC, Feb 2013
- Involved people :
 - IFREMER, MARIS (chair), BODC, BSH, SMHI, IEO, HCMR, OGS, RIHMI, ENEA, CLS, AWI, ULG, IMR, NERI, ICES, NIOZ, MUMM, VLIZ, OC-UCY, CNR-IAA, UniHB and sub-contractors STFC (via BODC) and UTM-CSIC (via IEO)

Meetings of the steering committee

- Twice a year, once at same time as plenary
 - Day before yesterday
 - Within 6 months (March 2013)
- Involved people
 - IFREMER (chair), MARIS (chair), BODC, BSH, HCMR, OGS, RIHMI, ENEA, INGV, AWI, ULG, ICES, JRC, MUMM, VLIZ
 - Regional coordinators for products : SMHI, METU-IMS, IMR, IFREMER, MUMM, INGV if needed

Meetings of the product regional groups

- Twice during the duration of the project
 - At M18 (March), back to back with MyOcean annual meeting

Sea Region	Chair	Involved partners
Arctic waters	IMR	RIHMI, ULG, ICES, MRI, SIO-RAS, UniHB
North Atlantic ocean	IFREMER	BODC, BSH, IEO, RIHMI, INGV, ULG, IMR, NERI, ICES, MI, IHPT, NIOZ, MRI, UniHB
Mediterranean Sea	INGV	IFREMER, IEO, HCMR, OGS, ENEA, INGV, METU-IMS, ULG, IOF, NIB, IOU-MOC, OC-UCY, IOLR, CNR, TUNITAK
Black Sea	METU-IMS	RIHMI, INGV, METU-IMS, ULG, SIO-RAS, MHI, IO-BAS, NIMRD, TSU-DNA, IBSS, TUBITAK
North Sea	MUMM	IFREMER, BODC, BSH, INGV, ULG, IMR, NERI, ICES, NIOZ, MUMM, VLIZ, MRI, UniHb
Baltic Sea	SMHI	BSH, INGV, ULG, NERI, ICES, FMI, IMGW, MSI, LHEI, EPA, SIO-RAS, UniHB

Other meetings

- Advisory group meetings
 - Once a year at plenary meetings
 - JRC (chair), Advisors
- Coordination group meeting
 - Once a year
 - All members : partners, subcontractors, advisory board, associate partner

Other meetings: IMDIS 2013 (1)

- In LUCCA (Italy), 23-25 September 2013
 - Just before SeaDataNet 2 annual meeting (26-27 September 2013)
- Web site launched on 30 July 2012
 - <http://imdis2013.seadatanet.org/>
- Content
 - Conference information
 - Place and date, Sessions and programme, Committees
 - Registration
 - Registration form, payment
 - Practical information
 - Venue, Local information, accommodations



Other meetings: IMDIS 2013 (2)

- Still to come : Abstract submission
 - Template defined for Word (doc)
 - Use of EasyChair software
- Dead lines
 - 30 April 2013 : end of abstract submission
 - 1st July 2013 : discount registration (150 €)
 - Until 1st September 2013 : Full price registration (200 €)
 - 1st of September : No more refund if cancellation
- Oral presentations
 - 15 mn + 5 mn questions
 - KeyNote speakers: 25 mn + 5 mn questions
 - Filmed by IOC/IODE

Tasks for not yet connected data centres

- **Focus on the connection to the CDI system (data access)**
 - Assistance of MARIS (cdi-support@maris.nl) and of IEO, OGS, SIO-RAS for the sub-contractors
 - Installation of mandatory tools
- **Generation of XML descriptions for all catalogues using the MIKADO tool or CMS online**
 - Assistance of sdn-userdesk@seadatanet.org
 - Test of the full process on some examples of each catalogues

Tasks for already connected data centres (1)

- Make sure that the connection to CDI are **continuously operational** and that data are downloadable
- Check your RSM emails and **never let pending queries** without answer
- **Update of the catalogues**, continuous maintenance of EDMED, EDMERP, EDMO, CDI and CSR
- **Focus on EDIOS descriptions** and produce EDIOS programmes, series and platforms XML files to be sent to BODC as soon as possible

Tasks for already connected data centres (2)

- **Duplicate checks:** within a week all data centres will receive an email and Excel files listing the potential duplicates in the CDI. Committed to check this and to report within 2 months, take the necessary actions in their coupling table and CDI export.
- If not done yet, **install the last DM (version 1.2.0)** to enable monitoring of your data centres
- Use **the last version of the software** : email sent to the group when new releases are delivered. **Be prepared to the major change** : ISO-19139 for CDI and CSR and BODC vocabulary V2

Task for Regional coordinators

- Following the time scheduled provided by WP10 leaders
 - As soon as the specific CDI interface is ready for the regional coordinator => preparation of the dataset of T,S for the cooperation with MyOcean (12/2012)
 - Prepare the 1st first release of aggregated dataset (09/2013)
 - Send QC feedback to NODC ad MyOcean, and reply to MyOcean alerts

Specific task for Sub-contractors

- Some sub-contracts include the delivery of an annual report to the SDN partner who signed the sub-contract.
 - Annual report has to be sent as soon as possible.

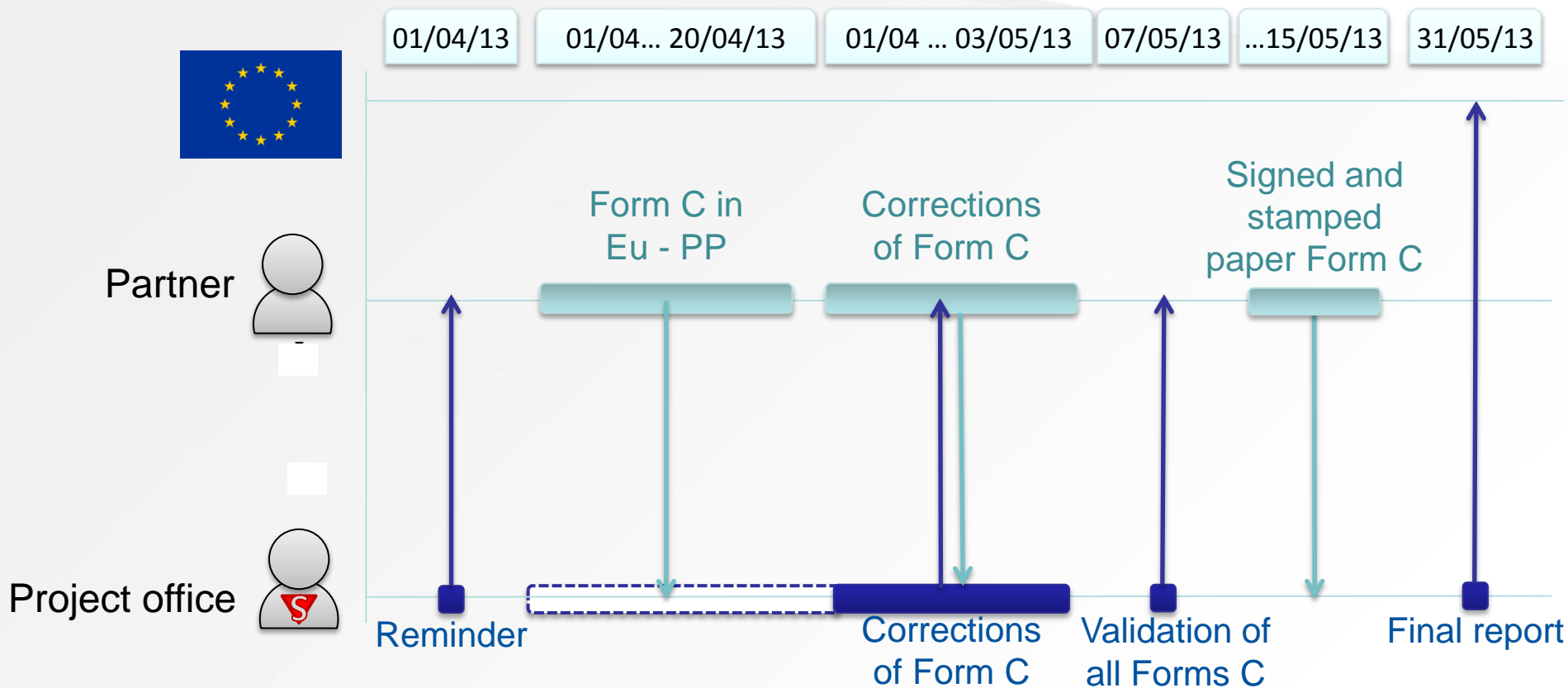
Task for all

- Submit abstracts to IMDIS 2013 – submission will be open beginning of October
- Send information for SeaDataNet newsletters

FIRST PERIODIC REPORT TO EC MARCH 2013 18 MONTHS REPORT

With the help of Marie-Pierre Zelverte

Dead lines – Forms C



Dead lines – Work package reports



01/04/13

01/04/1310/05/13

20/05/13


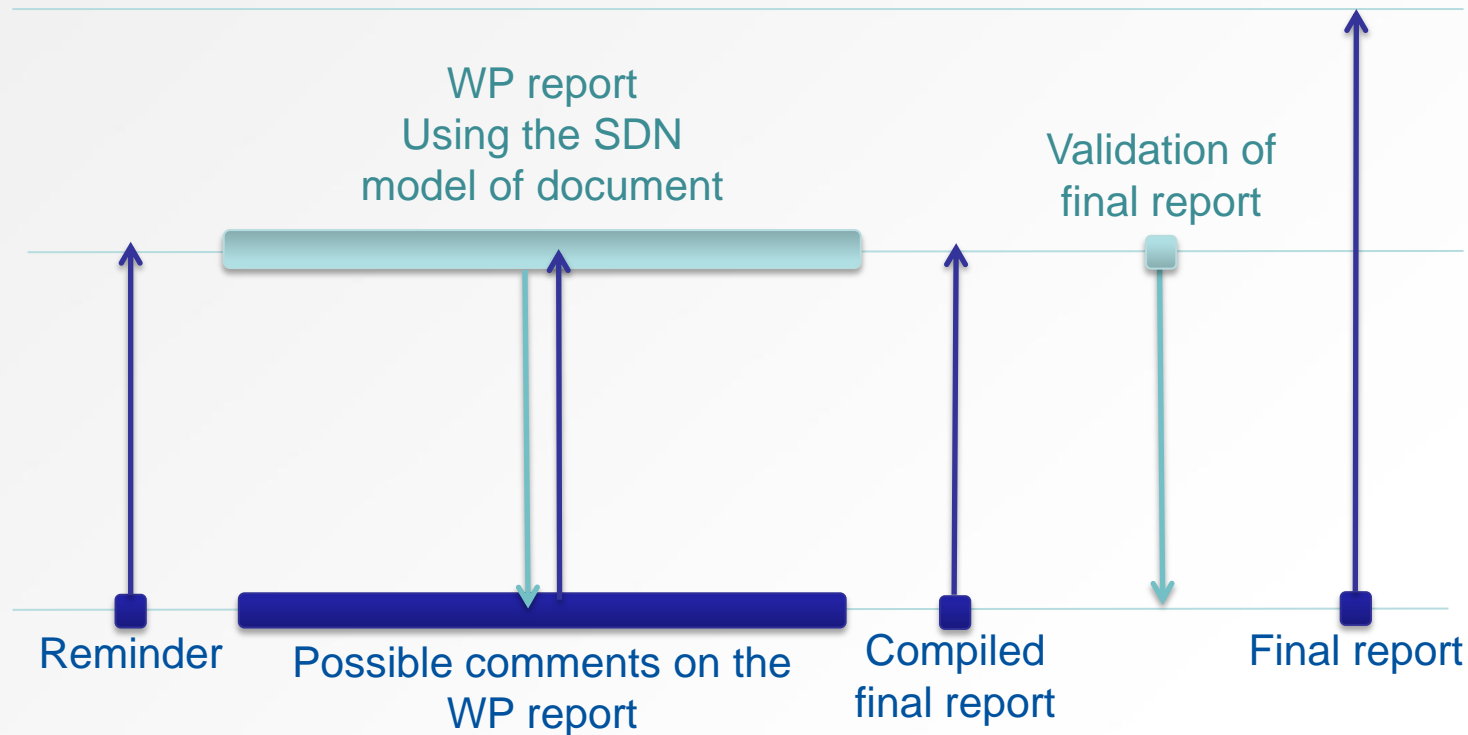
25/05/13

31/05/13

Work
Package
leader



Project office

FORMS C in Participant portal



The screenshot shows the SeaDataNet Participant Portal. The header includes the SeaDataNet logo and the text "PAN-EUROPEAN INFRASTRUCTURE FOR OCEAN & MARINE DATA MANAGEMENT". Below the header is a navigation menu with links: Overview, Metadata, Data Access, Standards & Software, Products, Events, and Publications. A search bar is located on the right side of the header. The main content area features a large image of the research ship "METEOR" on the ocean. To the left of the image, the "METADATA" section is highlighted, with a description: "The Pan-European metadata services give overviews of marine organisations in Europe and their engagement in marine research projects, managing large datasets, and data acquisition by research ves... +". To the right of the image, there is a "News" section with several items: "SeaDataNet Newsletter N°7 published at 1st August 2012", "New release of MIKADO Version 2.4 available", "First training course - 2-6 July 2012 Online presentations and videos are available!", "New release of NEMO Version 1.4.5 available", and "SeaDataNet 2 coming meetings Opening of registration". Below the news section is a "Newsletters" section with a link "Click here to Newsletters". At the bottom right, there is a box labeled "EU Participant Portal" with a link "Click here to PP". The footer includes the "SEVENTH FRAMEWORK PROGRAMME" logo and the text "Webmaster".

METADATA

The Pan-European metadata services give overviews of marine organisations in Europe and their engagement in marine research projects, managing large datasets, and data acquisition by research ves... +

News

- [SeaDataNet Newsletter N°7](#)
published at 1st August 2012
- [New release of MIKADO](#)
Version 2.4 available
- [First training course - 2-6 July 2012](#)
Online presentations and videos are available!
- [New release of NEMO](#)
Version 1.4.5 available
- [SeaDataNet 2 coming meetings](#)
Opening of registration

Newsletters

[Click here to Newsletters](#)

EU Participant Portal

[Click here to PP](#)

SEVENTH FRAMEWORK PROGRAMME

Webmaster



1st plenary meeting, Rhodes, 19-20 September 2012

FORMS C in Participant portal



European Commission

RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > My Projects > Active



Logout

Michele FICHAUT

In addition to logging out, you must close all your browser windows to avoid any unauthorised access

NEED HELP?

- User manual
- (NEW) Electronic proposal submission user manual
- Presentations
- (NEW) Submission of proposals
- Contact the Helpdesk

Home

FP7 Calls

FP7 Doc

My Organisations

My Proposals

My Projects

My Roles

Notifications

Experts

?

PROJECT LIST FOR MICHELE FICHAUT

If you are a LEAR of your organisation, please visit the tab My Organisations and follow the link "View projects" to have the list of projects linked to your organisation. A LEAR can only view projects their organisation is linked with. Granting access to projects is done separately.

Please visit the [user manual](#) for roles nominations details

Refresh

LEGEND	AA Access Amendment	AN Access Negotiation	FR Financial Reporting	PR Periodic Reporting	RD Reporting & Deliverables
Show 10 entries	Copy Excel Print			Search:	

ataNet II

FP7-INFRASTRUCTURES-2011-1

FP7


283607

Active

Showing 1 to 1 of 1 entries

First Previous 1 Next Last

FORMS C editor – top of the page


RESEARCH & INNOVATION
Participant Portal - Grant Management - Financial Reporting

Draft - Version: 1
Show

Project Information

General
Details
Reporting Period : no. 1 (from 01/10/2011 - to 31/03/2013)

Form C

Beneficiary


Contractor's Legal Name
Short Name
Comment
Lump Sums Used
Funding % for RTD activities

INSTITUT FRANCAIS DE RECHERCHE POUR L'EXPLOITATION DE LA MER
IFREMER

Participant Identity Code
Beneficiary No.
Indirect Cost Method
Flat Rate for Indirect Costs %


999630300
1
Actual Indirect Costs

1. Declaration of eligible costs/lump sum/flat-rate/scale of unit (in €)

Eligible costs (in €)	Type of activities					Total (F) = (A) + (B) + (C) + (D) + (E)
	RTD (A)	Coordination (B)	Support (C)	Management (D)	Other (E)	
Personnel costs						0.00
Subcontracting 						0.00
Other direct costs						0.00
Indirect costs						0.00
Access costs						0.00
Lump sums / flat-rate / scale of unit declared						0.00
Total						0.00
Maximum EU Contribution	0.00	0.00	0.00	0.00	0.00	0.00
Requested EU contribution						0.00

Edit as PDF file

FORMS C editor – bottom of the page

Personnel costs						0.00
Subcontracting 						0.00
Other direct costs						0.00
Indirect costs						0.00
Access costs						0.00
Lump sums / flat-rate / scale of unit declared						0.00
Total						0.00
Maximum EU Contribution	0.00	0.00	0.00	0.00	0.00	0.00
Requested EU contribution						0.00

2. Declaration of Receipts (in €)

Did you receive any financial transfers or contributions in kind, free of charge from third parties?
Or did the project generate any income which could be considered a receipt according to Art.II.17 of the grant agreement? ☐

If yes, please mention the amount (in €)

3. Declaration of interest generated by the pre-financing (in €) (To be completed only by the coordinator)

Did the pre-financing you received generate any interest according to Art. II.19? ☐

If yes, please mention the amount (in €)

4. Certificate on the methodology

Do you declare average personnel costs according to Art. II.14.1? ☐

Is there a certificate on the methodology provided by an independent auditor and accepted by the European Union according to Art. II.4.4? ☐

Name of the auditor Cost of

5. Certificate on the financial statements

Is there a certificate on the financial statements provided by an independent auditor? ☐


Name of the auditor

6. Beneficiary's declaration on their honour ?

Name of the person authorised to sign this Financial Statement Date

Save
Send it to the coordinator

FORMS C editor (2)

Eligible costs (in €)	Type of activities					Total (F) = (A) + (B) + (C) + (D) + (E)
	RTD (A)	Coordination (B)	Support (C)	Management (D)	Other (E)	
Personnel costs						0.00
Subcontracting 						0.00
Other direct costs						0.00
Indirect costs						0.00
Access costs						0.00
Lump sums / flat-rate / scale of unit declared						0.00
Total						0.00
Maximum EU Contribution	0.00	0.00	0.00	0.00	0.00	0.00
Requested EU contribution						0.00

Forms C: general recommendations

- Follow the rules and pay attention to the details
- Note that you must fill, for each WP, the **details of your expenses**
- **VAT**, whether recoverable or not, is **ineligible**; ensure that VAT is always excluded from your cost claims
- **LEAR** declared in the GPF must be the one who will sign the form C
- Be careful when filing the '**man/months**' because your figures will increment automatically another table
- **Keep reliable proof** of your expenses
- In case of doubt call, inform your Project Financial officer well in advance : Marie.Pierre.Zelverte@ifremer.fr

Reminder: Eligible costs must be

- **Actually incurred** (if possible not estimated, budgeted or imputed)
 - When actual costs are not available at the time of establishment of the financial statement, the closest possible estimate may be declared in conformity with the accounting principles of the beneficiary. However, these estimates should be adjusted in the next report when the actual costs are available.
- **Incurred by the beneficiary**
 - Supporting documents proving occurrence, the bookkeeping and the payment must be kept by the beneficiary
- **Incurred during the duration of the project**

Personnel costs: How to get things right?

- **PERSONNEL direct costs declared =**
 - Number of HOURS spent on EC project X Hourly Personnel rate
- **HOURLY PERSONNEL RATE of an employee =**

Total Annual Personnel Costs for an employee

Total Annual Productive hours for an employee

Remember that

- **Time recording is necessary** in order to justify personnel time spent on the project (estimates of hours worked are not allowed)
- Whatever the system chosen for time recording (integrated computerised system, excel or paper timesheets, etc.), the beneficiaries should ensure that **the time is recorded and reported regularly, and is verified** by the personnel and the supervisor (i.e., the timesheets are signed, and preciousy kept).

Subcontracting: How to get things right?

- The **beneficiary must not calculate indirect costs** on subcontracting costs (and 3rd parties not working on the premises of the beneficiary). In these cases the overheads are born by the subcontractors or and are deemed to be already included in their remuneration

Other direct costs(1): How to get things right?

- Travel costs
 - Do not charge costs to travel which are not project specific and persons not working on the project
 - Keep proof of travel expenses
 - Keep proof of relationship of the travel with the project (object of the travel order)

Other direct costs(2): How to get things right?

- Consumables
 - Must be necessary for the project
 - If the accounting practice of the beneficiary considers consumables as indirect cost, they cannot be charged as direct cost under the project
 - Eligible cost only if consumables purchased after the start date of the project
 - When charged internally (with or without an internal invoice), no mark-up or profit element can be added to their costs

Indirect costs: How to do things right?

- Indirect costs are eligible costs which cannot be identified by the beneficiary as being directly attributed to the project, but which can be identified and justified by its accounting system (overheads).
 - **Actual indirect costs** : only for the beneficiaries who have an analytical accounting system
 - **Simplified method** : must be based on actual costs derived from the financial accounts of the period in question
 - **Standard flat rate** : a beneficiary may opt for a flat rate of 20% of its total eligible cost
 - **Special transitional flat rate** : Non-profit public bodies, secondary and higher education establishments, due to the lack of analytical accounting may opt for a flat-rate of 60%

Access costs: How to do things right?

- See last year presentation:
 - http://www.seadatanet.org/content/download/10797/71983/file/SDN2_WP7_Access_Costs_MFichaut.pdf
- WP7 budget calculated at the start of the project in a separate excel sheet as a lump sum, included in the GPF File.
- Only connected data centres can declare their planned budget. The budget is active, once connected and operational by Download Manager.
- Only fill in the Access , no personnel and other direct costs, no indirect costs
- Keep proof (invoices) in case of control



SeaDataNet

PAN-EUROPEAN INFRASTRUCTURE
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" **Bob**, when I said 'any questions' I was using
only a figure of speech."