Final plenary meeting – Brest – 16-17 September, 2015

SeaDataNet

PAN-EUROPEAN INFRASTRUCTURE
FOR OCEAN & MARINE DATA
MANAGEMENT

Introduction
Management and coordination
Plans for the future

M. Fichaut

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INTRODUCTION

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Agenda of the meeting (1) - Synthesis

Synthesis of the activity, per Work Package

- Day 1
  - WP1-2: Management and coordination *(**IFREMER**)*
  - *WP3:* Capacity building and training *(**RBINS,** IODE/IOC)*
  - WP4: Metadata directories *(**HCMR,** ICES-JCOMMOPS**)**
  - WP5: CDI - Data directory *(**MARIS**)*
  - WP6: Communication *(**ENEA**, RBINS-BMDC)*
- Day 2
  - WP8-9: Synthesis of the technical progress *(**MARIS**)*
  - WP10: Products *(**INGV**)*

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Agenda of the meeting (2) – Specific sessions

- Day 1
  - WP2: Monitoring of the infrastructure (HCMR), User panel (OGS)
  - WP4 -5: 10 centres will present **how SeaDataNet has changed their data management methods - improvements-benefits, changes, progress to be done** (ICES, IOPAN, BODC, INSTM, HCMR, IOLR,IMGW, IEO)
  - WP6: Exploitation agreement and future legal models (RBINS)

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Agenda of the meeting (3) – Specific sessions

- Day 2
  - WP8-9: Last technical developments (Vocabularies - *BODC*, Marine-ID - *IFREMER*, , SWE – *CSIC/IFREMER*, Biological data - *VLIZ*, ODV - *AWI*, DIVA - *ULG*, CDI Machine to machine, Harvesting - *MARIS*, CSR harvesting - *BSH*)
  - WP 10: Products per sea region (Atlantic – *IFREMER*, Baltic sea – *SMHI*, Black sea, Med sea – *INGV*, Arctic – *IMR*, North sea – *RBINS*) and publication of products (Sextant, Oceanotron – *IFREMER* and OceanBrowser – *ULG)*
  - Future of SeaDataNet

- Day 1 and 2 - Advisory board comments
  - Day 1, questions to be addressed during the meeting
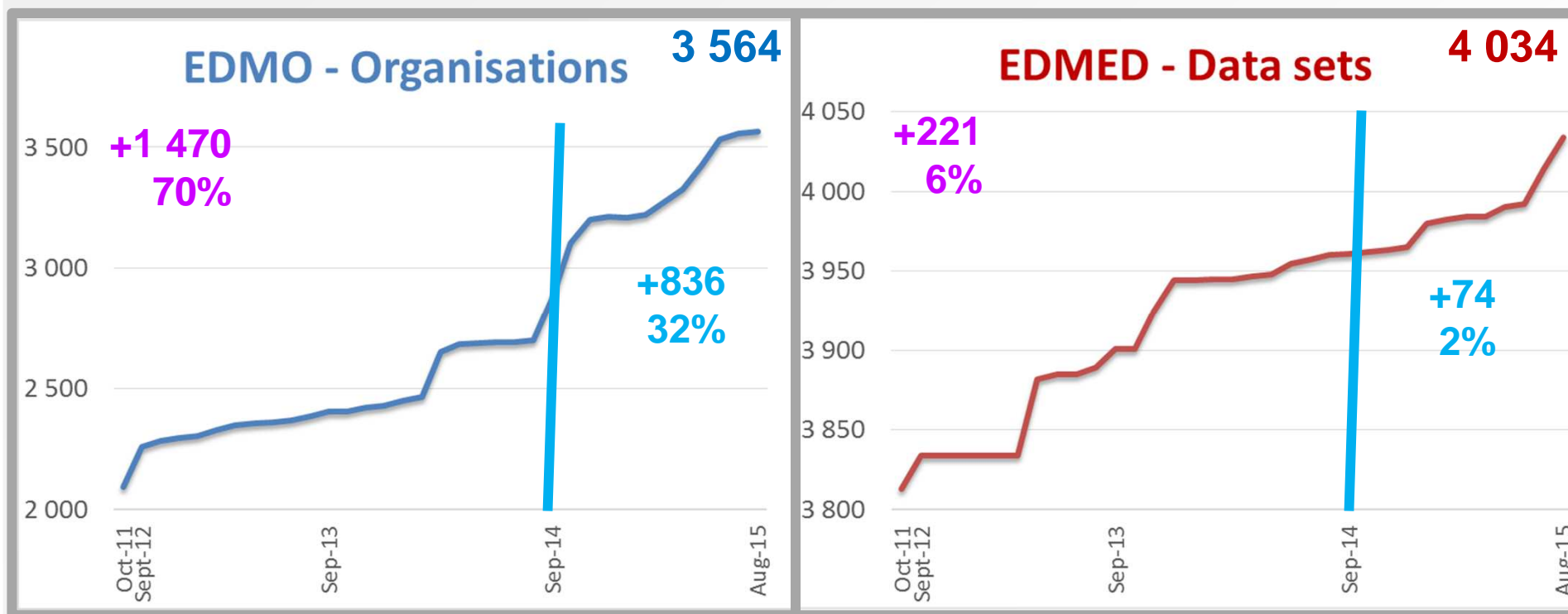 - Day 2, conclusions, final comments

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Last year conclusion

1. Continue to regularly input metadata in all catalogues and make data available through CDI

2. Finalise all the functionalities described in the DoW

    – CSR and CDI harvesting for pilot data centres

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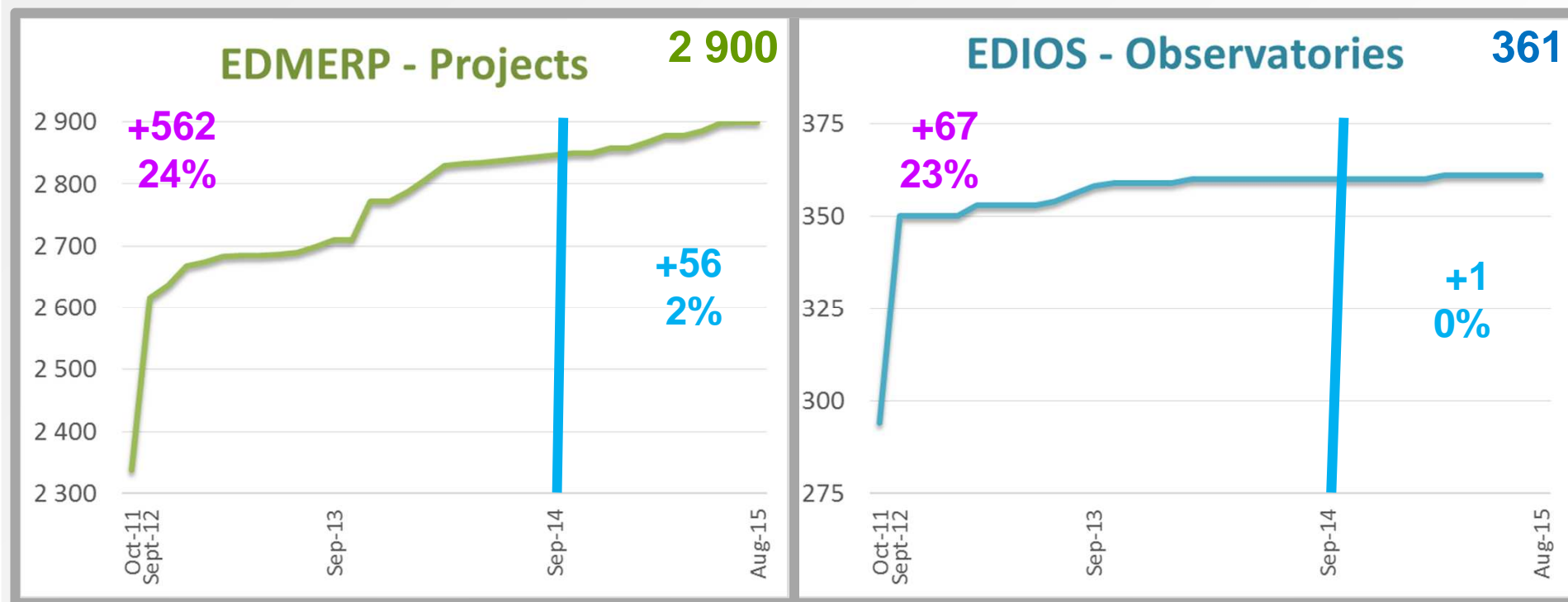
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Regular upgrade of catalogue contents

EDMO - Organisations   **3 564**

+1 470
70%

+836
32%

3 500

3 000

2 500

2 000

Oct-11
Sept-12

Sep-13

Sep-14

Aug-15

EDMED - Data sets   **4 034**

+221
6%

+74
2%

4 050

4 000

3 950

3 900

3 850

3 800

Oct-11
Sept-12

Sep-13

Sep-14

Aug-15

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Regular upgrade of catalogue contents

EDMERP - Projects   **2 900**

+562
24%

+56
2%

EDIOS - Observatories   **361**

+67
23%

+1
0%

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Regular upgrade of catalogue contents

CSR - Cruises — 46 108

+13 995
44%

+1 096
2%

(axis labels: 47 000 / 42 000 / 37 000 / 32 000; Oct-11 Sept-12, Sep-13, Sep-14, Aug-15)

CDI - Data — 1.779 M

+725 493
69%

+166 685
9%

(axis labels in Millions: 1.8 / 1.7 / 1.6 / 1.5 / 1.4 / 1.3 / 1.2 / 1.1 / 1.0 / 0.9; Oct-11 Sept-12, Sep-13, Sep-14, Aug-15)

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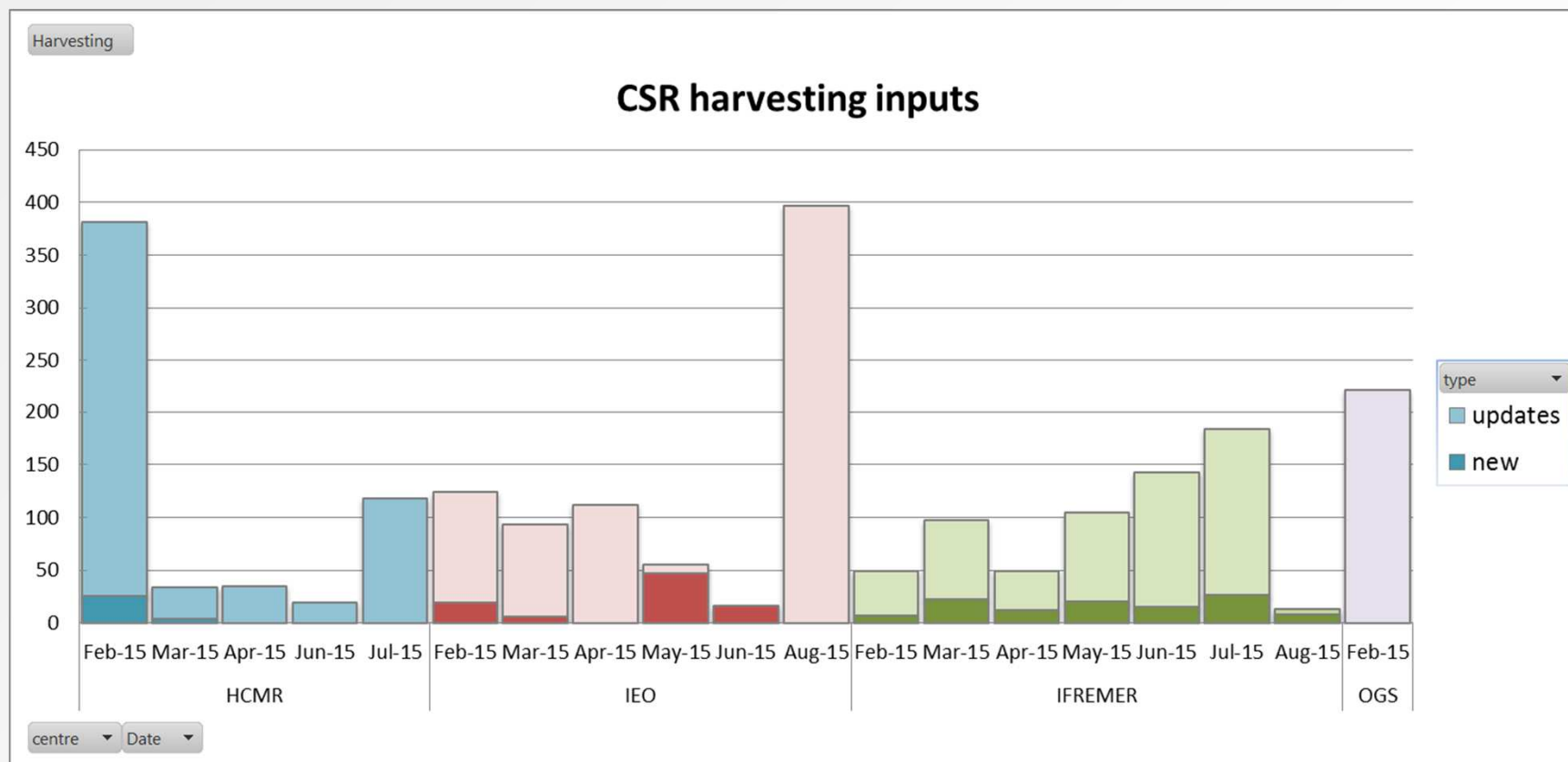
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CSR harvesting – 4 operational centres

- Harvested once a week by central catalogue (BSH)
- 2 other candidates: RBINS-BMDC and MI contacted by BSH

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CDI harvesting

- In test in 3 data centres (BSH, IEO, IFREMER)

Content Management System

Batch import

Status

Lastupdate From [yyyymmdd]   To [yyyymmdd]

Search   Reset

Found 3   Show (1-3)

Key	Created	Last update	Status	XML Files	XML Errors	XML Files Ok	Duplicates Import	Duplicates Production	Status History	Not to Production	To Production	View in Import	Process Batch
3517	8/9/2015 10:16 AM	8/9/2015 13:26 PM	Ready in import database for human checks and duplicate actions	1130	0	1130				0	1130		
3496	1/9/2015 10:33 AM	1/9/2015 17:25 PM	Ready in production database	1512	0	1512							
3495	31/8/2015 17:39 PM	1/9/2015 10:11 AM	Removed from import database	1512	0	1512							

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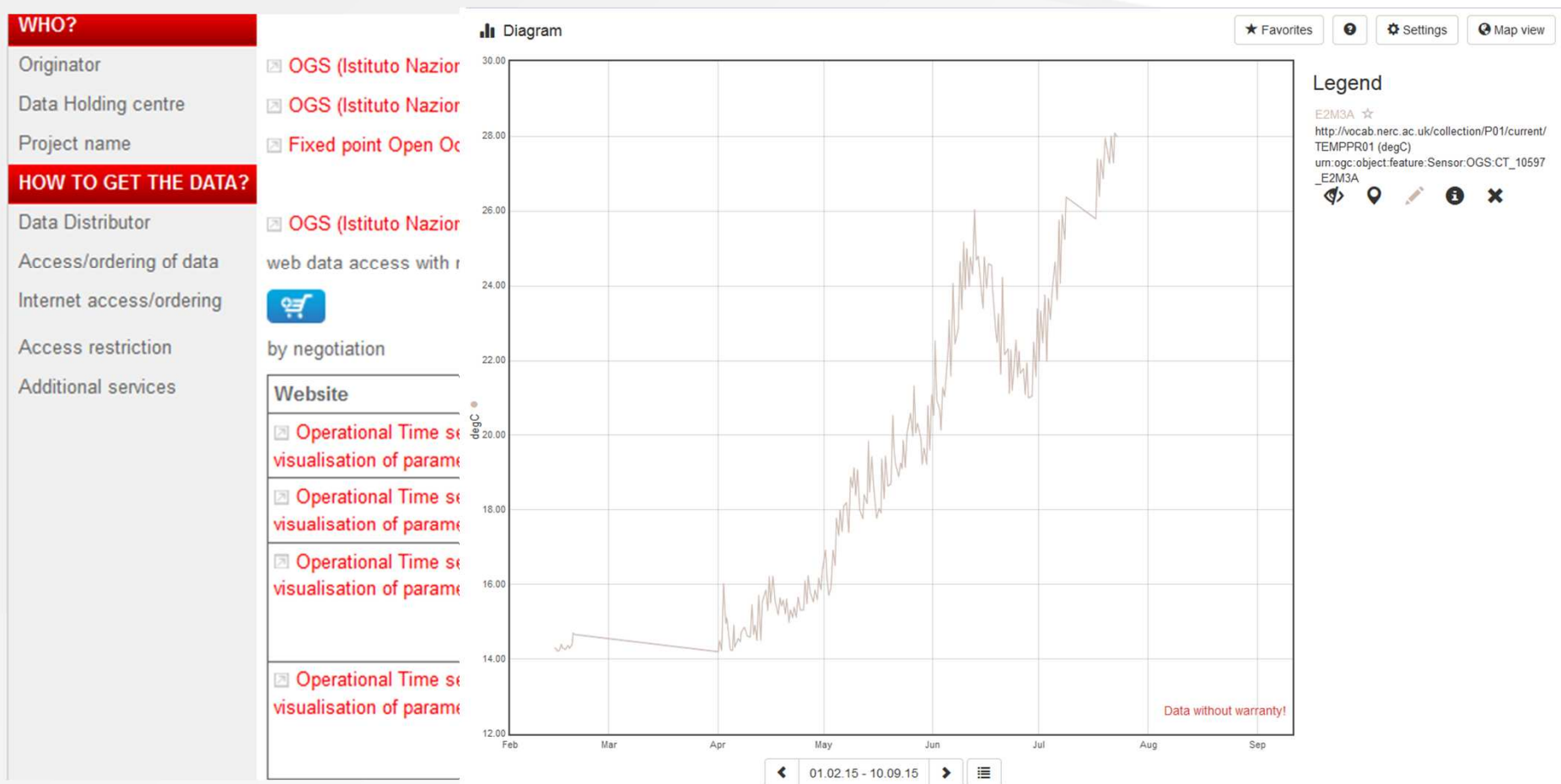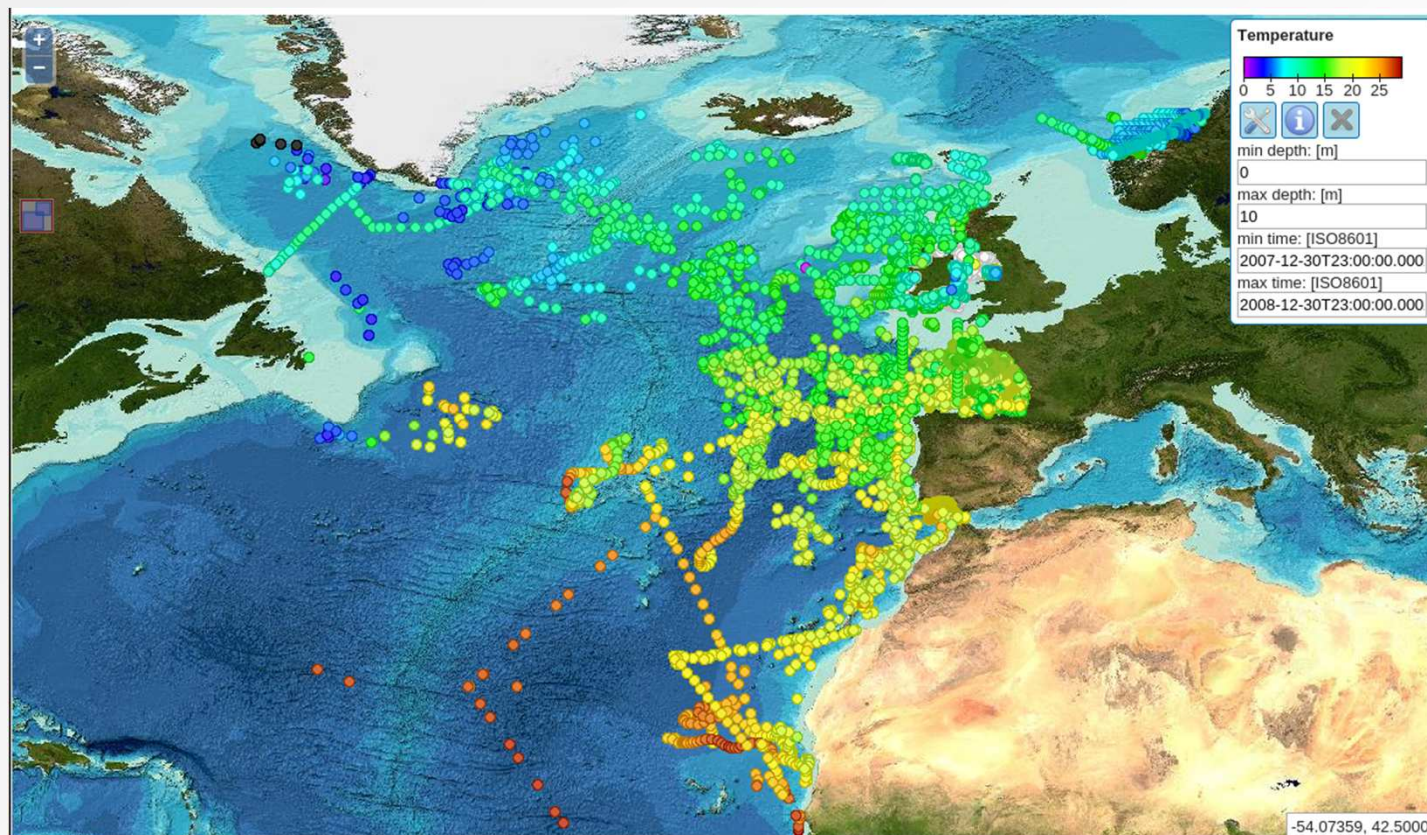
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Visualisation of Time series data

- SWE demonstrator, RT systems are getting connected

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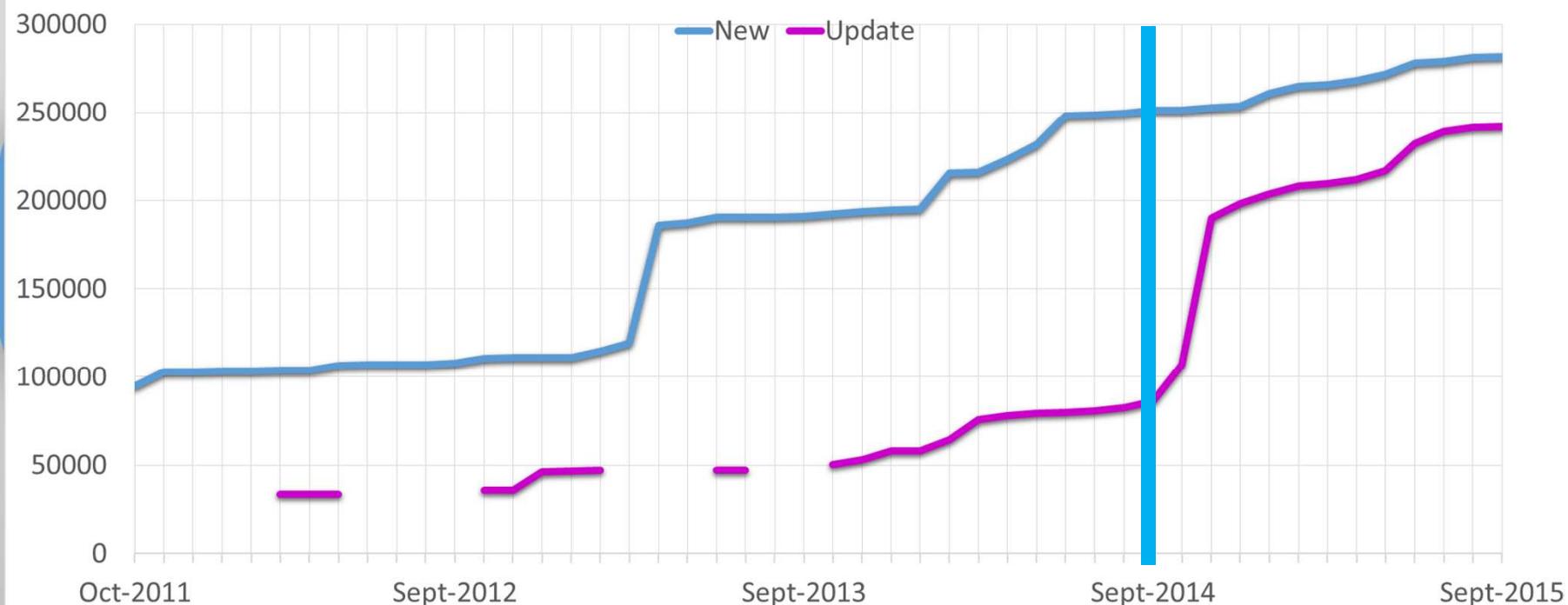
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OceanBrowser – Oceanotron

- Temperature 0-10m in 2008, North Atlantic ocean

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Biological data in SeaDataNet

- Around 281,000 CDIs related to Biological oceanography

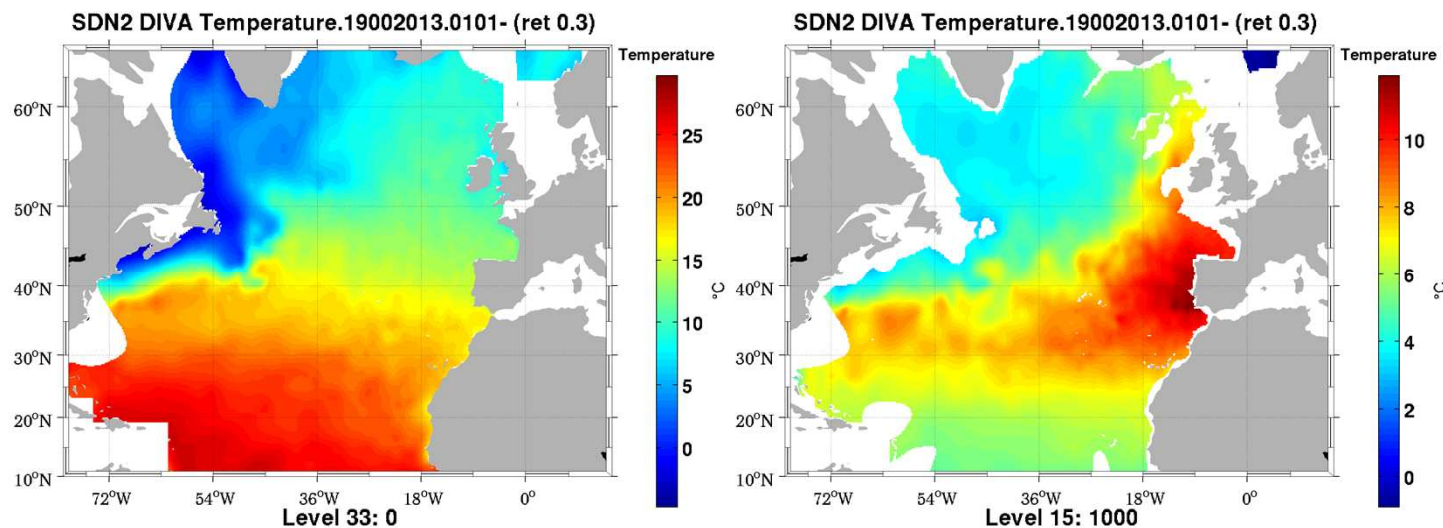New and updated biological data in CDI catalogue since the beginning of SDN2

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   - Input biological data in the CDI catalogue
   - Visualisation services via CDI Buffer – Oceanotron
   - Deliver final aggregated datasets of good quality and related climatologies
   - Describe all the products and make them available in the product catalogue, for discovery and downloading through browser (public data only)

Aggregated datasets and climatologies

- New version of the aggregated dataset (v2) available for all regions
- Climatologies calculated for the regions from the version 1.1 of the aggregated data sets
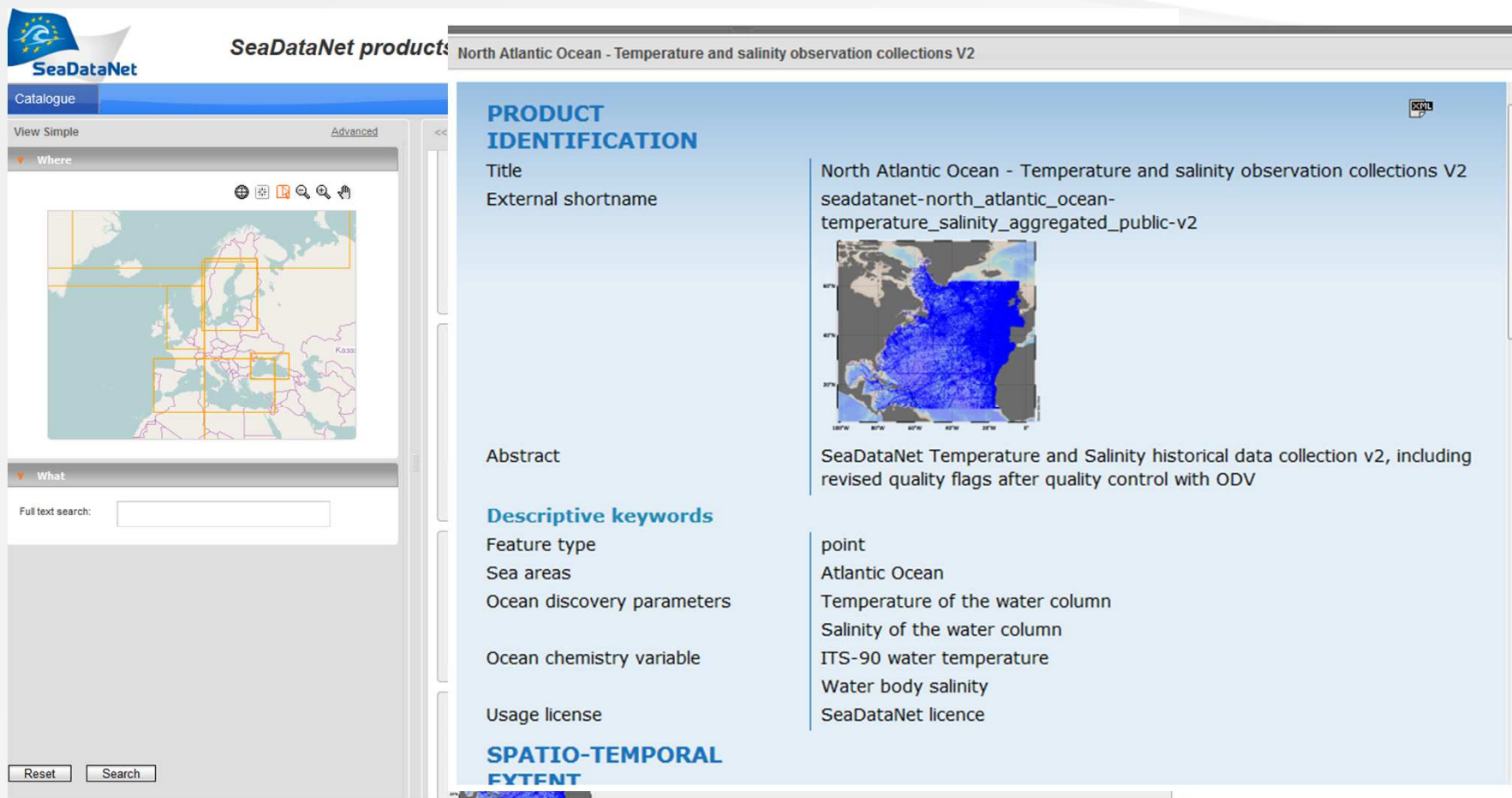
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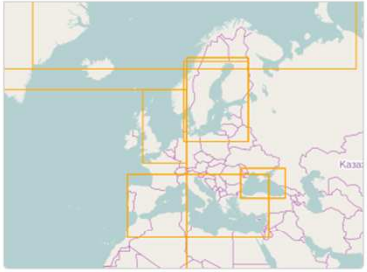FOR OCEAN & MARINE DATA
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Product catalogue

- http://sextant.ifremer.fr/en/web/seadatanet/

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And ...

- WP2: Monitoring portal: Global availability indicator and double check mechanism (HCMR-OGS)

- WP2: User panel ➔ 2nd survey

- WP6: New posters and leaflet, national and international presentations, workshops on SeaDataNet

- WP8-9: Implementation of new formats (NetCDF, ODV for biological data), Marine ID, upgraded version of all software

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Report on WP1 and WP2 for the 4th year 2014 - 2015

Management and Coordination

4th year for W1 and WP2

- ## Day to day work
  - – Financial and deliverables follow-up
  - – Day-to-day Web site and Extranet maintenance
  - – Communication of SDN information to all consortium
  - – Answer SDN partners queries

- ## Main achievements
  - – 2nd reporting to the commission
  - – Organisation of 2 steering committees
    - Stcom 8 in Athens, April 2015,
    - Stcom 9 in Brest September 2015
  - – Organisation of this plenary assembly

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General information

- Subcontractor IGEWE (Albania) withdrawal from the project
  - No amendment needed ➜ subcontract budget is an estimation
  - Remaining budget of 10 800 € ➜ redistributed at the end of the project

- End of participation of Crimean partners (MHI and IBSS)
  - Commission decision which take effect from 20/09/2014
  - No amendment needed ➜ decision of the commission
  - Remaining budget of 6799.07 € ➜ redistributed between MARIS (2799.07€) and IFREMER (4000 €) for their management overspending

2nd *report to the commission*

- Due on 30/11/2014, sent on 12/12/2014

- Deliverables and activity report accepted before Christmas.

- Minor changes in the financial report ➔ asked on 22/12/2014

- Final official acceptance of the report ➔ 27/01/2015

- No payment for the 2nd period ➔ 90% of the EC contribution has already been paid

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Deliverables – Month 50 (1)

Due on M48-50, not yet delivered	9	9%
Delivered on time	35	33%
Delivered with a delay < 6 M	34	32%
Delivered with a delay > 6 M	25	24%
Postponed from previous period	2	2%
Total	105	

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Deliverables – Month 50 (2)

Total of 105 deliverables

| On time |
| Delay <6 Months |
| Delay > 6 Months |
| Postponed |
| Not yet delivered |
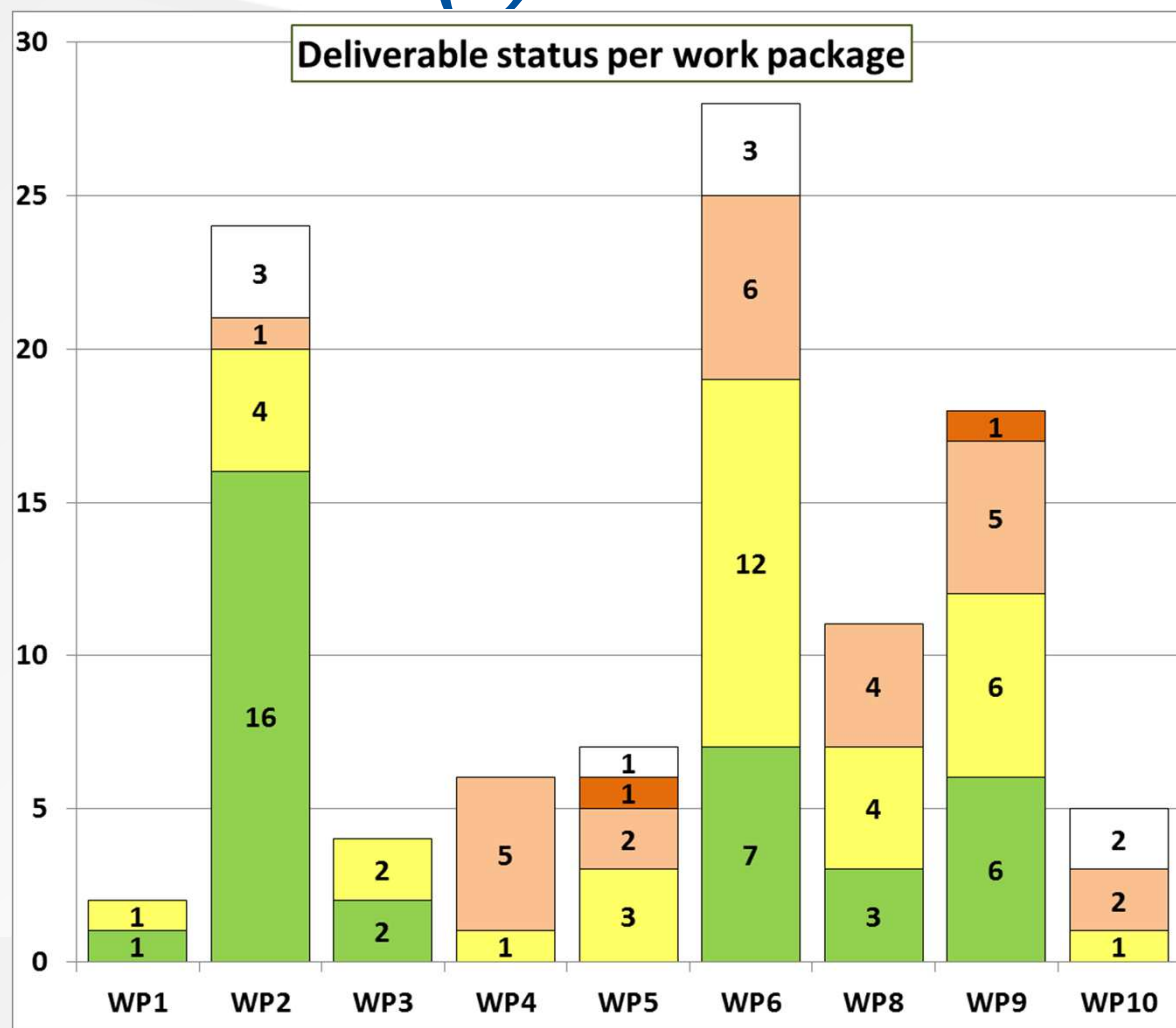
Deliverable status per work package

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Contractual milestones – Month 48

Milestone	N°	Contract Del. month	Actual or planned Del. month	Leader
Kick-off meeting	1	2	1	IFREMER
New SeaDataNet data centres connected to operational CDI services	2	6	22	MARIS
1st training workshop	3	10	10	MUMM
End of 1st innovation cycle – 1st major upgrade of SDN infrastructure ready	4	18	27	MARIS
Metadata interoperability with INSPIRE portal and global portals (GEOSS, IODE/ODP)	5	18	17	RIHMI-WDC
IMDIS 2013 conference	6	22	24	ENEA, OGS, IFREMER
1st release of the aggregated data sets products	7	24	38	INGV
Machine to machine interface ready	8	24	36	MARIS
2nd training Workshop	9	10	10	RBINS-BMDC
Possible legal model for sustainability of SDN	10	36	48	RBINS-BMDC

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Contractual milestones – Month 48

Milestone	N°	Contract Del. month	Actual or planned Del. month	Leader
Metadata and data interoperability with global portals (GEOSS, IODE/ODP)	11	2	40	RIHMI
End of 2nd innovation cycle – 2nd upgrade of SeaDataNet infrastructure ready	12	42	48	MARIS
Final version of products	13	46	48	INGV
Final meeting	14	48	48	IFREMER
Final reporting	15	50	50	IFREMER

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3rd *financial and scientific report to EU*

- For all work and costs between
  01/10/2014 and 30/09/2015 ➔ 12 months

- Scientific report prepared by the WP
  leaders and the project coordinator

- Financial report, by all partners
  - Sub-contractors are not concerned by the financial reporting

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Financial reporting - Dead lines

	Step 1		Step 2		Step 3	Step 4	Step 5
30/09/2015	01/10/2015	.....	**13/11/2015**	14/11/2015	**22/11/2015**	**30/11/2015**

Partner

Detailed Costs file | Corrections of Detailed Costs file | Form C in Eu - PP | Corrections of Form C | Sign electronic Form C by Fsign

Project office

Reminder + Empty excel costs file

Corrections of Detailed Costs file

Corrections of Form C

Validation of all Forms C

Final submission on EU-PP

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Important

- Check that your personnel costs reported by WP are coherent with the DoW

- Adjustments for period 1 and/or period 2 ➔ may be necessary in some specific cases (changes in staff hour rates or overheads…)

- Travel costs:
  - Travel for plenary meeting and steering committee ➔ WP2
  - Travel for TTG ➔ WP8 or WP9

- No costs for **WP3 - Training** for last period

- **WP7 - Support**: cost must be real costs

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Plans for the future

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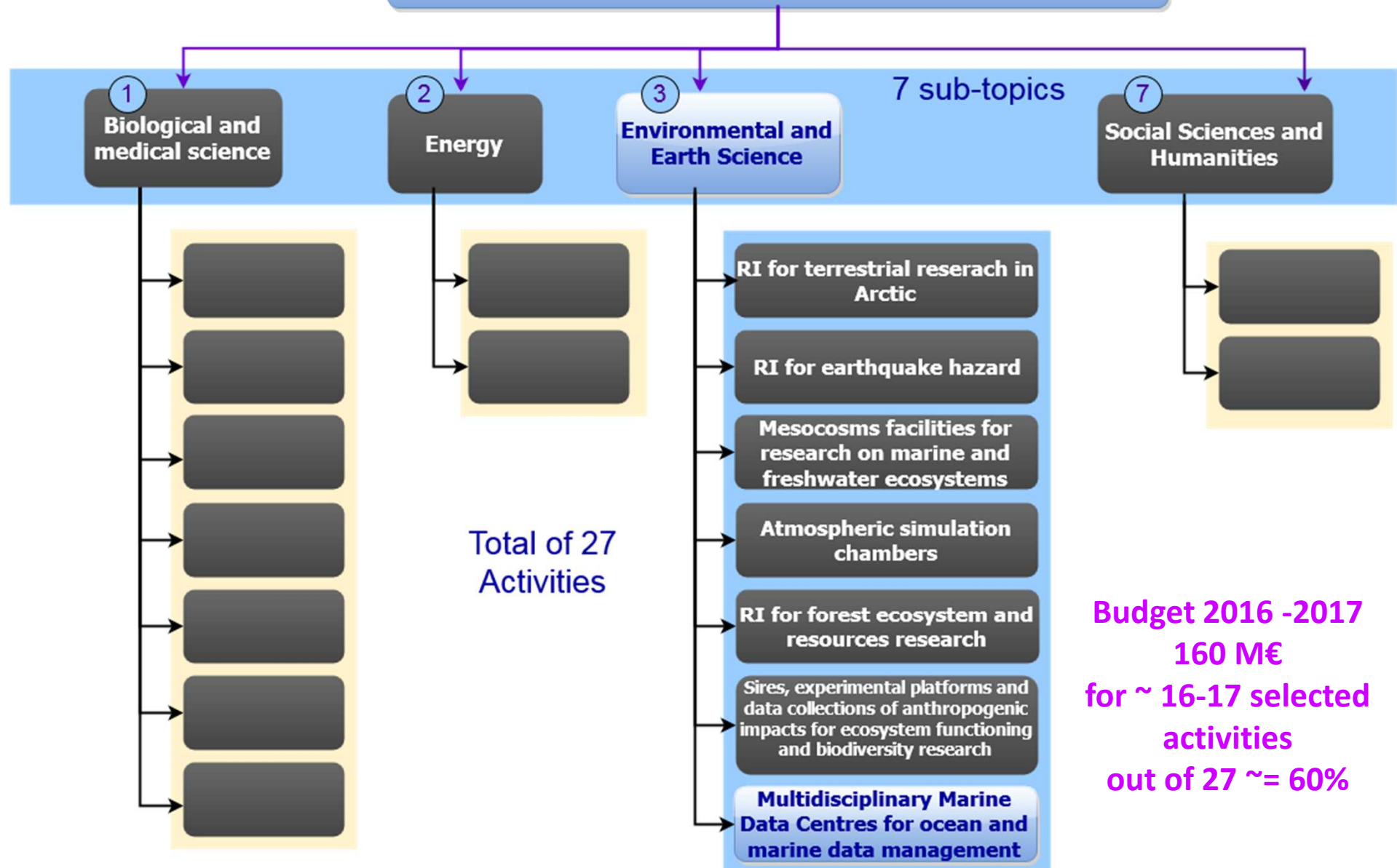
Future of SeaDataNet

- Lobbying successful last April : ➔ Activity related to SeaDataNet added in H2020 Work programme 2016-2017

- Call for Research Infrastructure (RI)
  - Open mid-October 2015
  - Dead line March 2016

- Brainstorming on the future 15/09/2015
  - Results will be presented and discussed at the end of this meeting

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CALL: Integrating and opening research infrastructures of European interest

TOPIC: Integrating activities for advanced communities

7 sub-topics

1 Biological and medical science

2 Energy

3 Environmental and Earth Science

7 Social Sciences and Humanities

Total of 27 Activities

RI for terrestrial reserach in Arctic

RI for earthquake hazard

Mesocosms facilities for research on marine and freshwater ecosystems

Atmospheric simulation chambers

RI for forest ecosystem and resources research

Sires, experimental platforms and data collections of anthropogenic impacts for ecosystem functioning and biodiversity research

Multidisciplinary Marine Data Centres for ocean and marine data management

Budget 2016 -2017 160 M€ for ~ 16-17 selected activities out of 27 ~= 60%

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IMDIS conference?

- Up to now, 4 organisations agreed to sponsor for a total budget of 17 000 €
  - MARIS, IFREMER, CSIC, BODC

- 3 Organisations OK for hosting
  - IOPAN and IMGW in Gdansk
  - CSIC in Barcelona

- More funds needed
  - Find other sponsors
  - Include 2 IMDIS conferences in the SeaDataNet 3 proposal ➔ risk if project is not selected

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Thanks for your attention!

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