

*Mid-term review, 12 December 2013, Brussels*



**SeaDataNet**

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

***WP3: Capacity building and training***

## ***WP Objectives***

- Training of data managers and technicians of data centres in the operation of Seadatanet services
- Training in the uptake of upgraded standards and data management procedures and in the implementation of new infrastructures components
- Bringing all data centres onto an equal footing

## ***WP Milestones***

M10: 1<sup>st</sup> training workshop

M32: 2<sup>nd</sup> training workshop

*“ASAP”*: connection of new data centers

## ***WP Links to other WPs***

- Data center people need to learn how to implement, configure and work with
  - the upgraded common SeaDataNet formats and procedures, as developed in WP8,
  - the upgraded system tools and services, as developed in WP9, for upgrading the connectivity between data centre systems and the portal, for automatically exchanging of metadata, for converting data to standard formats, for generating data products, for providing viewing services and for monitoring the performance of their nodes in the SeaDataNet infrastructure
  - software tools, as developed in WP9, for preparing and updating metadata, processing and quality control of data, and presentation of data in viewing services, and for production of data products (WP10).



## First training course

The first SeaDataNet II training course took place at the IOC Project Office for IODE in Ostend, Belgium, from July 2 to 6, 2012.



The session welcomed 10 lecturers and 41 trainees from the SeaDataNet data centres.

## ***First training course: programme***

- The first two days were targeting the data managers: common vocabularies, the metadata catalogues (including EDIOS and CSR), Nemo and Mikado.
- The next two days were devoted to Ocean Data View and DIVA.
- The last day was devoted to the functioning of the SeaDataNet data discovery and “shopping” system: CDI’s, Download manager, Request Status Manager and the new system monitoring. To conclude, an introduction to the management of biological data gave the participants the flavour of the upcoming developments.

## First training course, for those who missed:

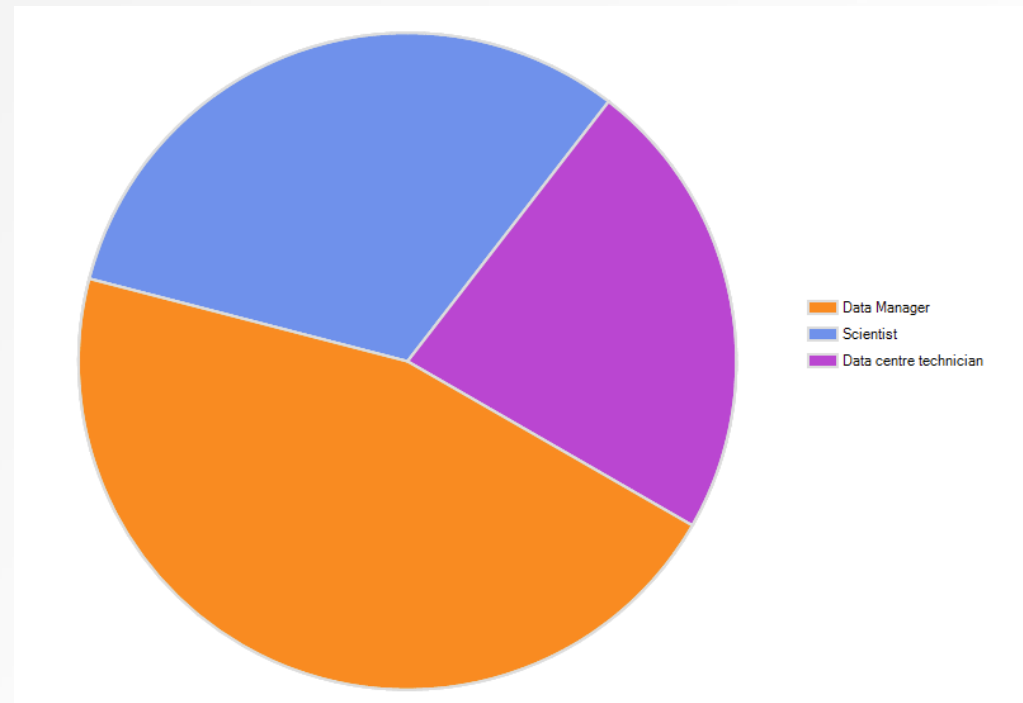
- The training course presentations are available on the [SeaDataNet website](#).
- The training material, including [video recordings of the lectures](#) are available [online](#) thanks to IOC/IODE/OceanTeacher support.



The screenshot shows a Vimeo album page for the 'First SeaDataNet Training Session, 2-6 July 2012'. The page includes a search bar, navigation links (Join, Log In, Create, Watch, Upload), and a list of videos. Two video thumbnails are visible: 'Introduction' and 'Sissy Iona - session 1'. The 'Introduction' video has a duration of 3:19:00. The 'Sissy Iona - session 1' video has a duration of 3:19:00. The page also features an 'ALBUMS' section with a description and a 'Vimeo Widgets' link.

## 1<sup>st</sup> training course: users feedback

- The majority of the trainees were data managers (45.7%), the rest being either scientists (31.4%), or data centre technicians (22.9%).





# 1<sup>st</sup> training course: users feedback

10. How do you rate the training overall?						<a href="#">Create Chart</a>	<a href="#">Download</a>
	Excellent	Good	Average	Poor	Very poor	Response Count	
How do you rate the training overall?	28.6% (8)	<b>64.3% (18)</b>	7.1% (2)	0.0% (0)	0.0% (0)	28	
					<a href="#">Comments</a> <a href="#">Show Responses</a>	10	
					answered question	28	
					skipped question	9	

## ***1<sup>st</sup> training course: users feedback***

“Keep the programme more compact (3-4 days)”

“Better target the audience”

“Put more emphasis on practice”

“Make some kind of thematic workshops focused on use cases”

“Better organise training material (on network server)”

## ***1<sup>st</sup> training course: further lessons learned***

- Improve contact between teachers and IODE Training coordinator (to avoid technical problems during the sessions or for recording them)
  - Organize room in a more flexible way (groups, ...)
- We are better prepared for the next training course, 20-22 May 2014.

## *Capacity building*

- Subcontracts were established between experienced SeaDataNet partners and new data centres. This has resulted in those new data centres to be connected and giving data access:

IEO (SP) ➤	INRH	(Morocco)
	INSTM	(Tunisia)
OGS (IT) ➤	IMBK	(Montenegro)
	IGEWE	(Albania)

## ***Capacity building*** (Cont'd)

- EU-Consult has successfully undertaken actions to keep the Black Sea community informed about progress and engaged for uptake of updates of SeaDataNet standards and tools as well as for maintenance of their entries in the SeaDataNet directories
- This is done as a follow-up to the previous *Upgrade Black Sea Scene* project which was coordinated by MARIS with support of EU-Consult



## Other training activities: *DIVA* workshops

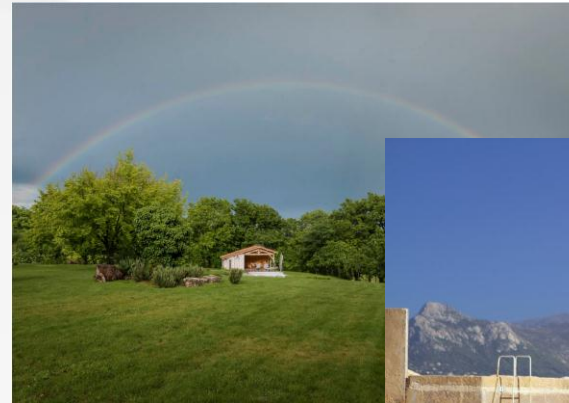
6<sup>th</sup> workshop: October 8-12, 2012  
(Roumaillac, France)

7<sup>th</sup> workshop: November 4-8, 2013  
(Calvi, France)

3-4 teachers (“coaches”) and ~15  
trainees.

Always in very quiet places, where  
there is nothing else to do than  
learning, working and exchanging.

Hence(?), tremendously productive  
workshops.



## ***WP3 highlighted:***

(a) Flexible set up of the courses, that makes

- the requirements of the project (transferring knowledge and new technologies and tools) match
- the needs and expectations of the users (being able to implement, tune and use the SDN tools).

(b) Reactive set up of the courses, that learns from previous activities to make the next ones more relevant.