Joint European Research Infrastructure network for Coastal Observatories



Report after 2nd General Assembly – May 2014

Grant Agreement n° 262584

Project Acronym: JERICO

<u>Project Title</u>: Towards a Joint European Research Infrastructure network for Coastal Observatories

<u>Coordination</u>: P. Farcy, Ifremer jerico@ifremer.fr, www.jerico-fp7.eu:

<u>Authors</u>: P. Farcy, I.Puillat, N. Beaume, N. Rossignol <u>Involved Institutions</u>: Ifremer and JERICO partners <u>Version and Date</u>: Version 1 – 27 Nov. 2014



Testeries testeries

TABLE OF CONTENTS

1.	DOCUMENT DESCRIPTION	4
2.	ORGANISATION & OVERVIEW OF THE WEEK'S AGENDA	5
3.	GENERAL ASSEMBLY MEETING	6
3.1.	Agenda for JERICO General Assembly	6
3.2.	Minutes of the General Assembly meeting	10
3	2.1. WP11: Management by P. Farcy (Ifremer)	10
3	2.2. WP1: A common strategy by P. Morin (CNRS/INSU)	15
3	2.3. WP2: Strengthening regional activities by H. Wehde (IMR)	22
3	2.4. WP6: Outreach, by Jo Foden (CEFAS)	27
3	2.5. WP3: Harmonizing Technological aspects, by W. Petersen (HZG)	35
3	2.6. WP4: Harmonizing operation and maintenance methods, by M. Ntoumas (HCMR)	41
3	2.7. WP5: Data management and distribution; by R. Nair (OGS)	48
3	2.8. WP7: Service and data access, by P. Farcy (Ifremer)	53
3	2.9. WP8: TNA to coastal observatories, by S. Sparnoccia (CNR)	56
3	2.10. WP9: New methods to assess the impact of coastal observing systems, by N. Pinardi (INGV)	66
3	2.11. WP10: Improved existing and emerging technologies, by G. Nolan (MI)	72
3.3.	Statement of decisions after the GA, by P. Farcy (Ifremer)	90
4.	STEERING COMMITTEE	91
4.1.	Objectives of the steering committee	91
4.2.	Steering Committee Agenda	91
4.3.	List of participants	91
4.4.	Reminder of statement of decisions taken in SC meeting #3	92
4.5.	Session 1: Preparatory meeting	92
4.6.	Session 2: Conclusions of GA and actions	94
4.7.	Session 3: H2020 JERICO	95

1. Document description

REFERENCES

Annex 1 to the Contract: Description of Work (DoW) version of the 22 Feb. 2011

Document information	Document information		
Document Name	Report after 2 nd General assembly		
Document ID	MS3		
Revision	1		
Revision Date	27 Nov. 2014		
Author	P. Farcy, I. Puillat, N. Beaume		
Security			

History			
Revision	Date (2014)	Modification	Author
0.1	19 May	first draft	N. Beaume, I. Puillat
0.2	06 June	Add ons	N. Beaume
0.3-0.5	28 Oct.	Add on, corrections	I.Puillat, P. Farcy
1.0	10 Nov	Slides inserted	N. Rossignol

Diffusion list			
Consortium beneficiaries	Х		
Third parties	Х		
Associated Partners	Х		
other			

This document contains information, which is proprietary to the JERICO consortium. Neither this document nor the information contained herein shall be used, duplicated or communicated by any means to any third party, in whole or in parts, except with prior written consent of the JERICO Coordinator. The information in this document is provided as is and no guarantee or warranty is given that the information is fit for any particular purpose. The user thereof uses the information at its sole risk and liability.

2. Organisation & overview of the week's agenda

The second JERICO General Assembly was organized in Oslo from May 5th to May 8th 2014.

The coordination team took the opportunity of this important meeting, where most of the partners were present, to organise other specific workshops and to discuss the making of JERICO-NEXT.

The General Assembly started on Monday afternoon and finished on Tuesday evening. Two steering committee meetings were scheduled: one before the General Assembly and one to close the General Assembly. Discussions and decisions taken during these meetings will be described in the following sections.

Considering the need to anticipate the strategy for the future of coastal observatories and the launch of a new project, it was decided to organize a dedicated workshop on Wednesday.

Agenda of the week at glance:

Dates	Meetings types	Reported in this document (Y/N)
Monday, 5 th May, 13:30-14:30	Steering Committee Meeting	Y
Monday, 5 th May, 14:30-18:00	General Assembly meeting	Y
Tuesday, 6th May, 9:00-17:00	General Assembly meeting	Y
Tuesday, 6th May, 17:00-18:00	Steering Committee Meeting	Y
Wednesday, 7th May, 9:00-17:00	Workshop on future coastal prospective/strategy	Ν
Thursday, 8th May, 9:00-12:30	Steering Committee meeting: H2020 JERICO Next	Y

A synthesis of the week discussions and conclusions is presented hereafter.

3. General Assembly meeting

3.1. Agenda for JERICO General Assembly

Time slot	Торіс	Speaker	
	Monday, 5 th of May	L	
12:00-13:30	Lunch Steering Committee		
13:30-14:30	Steering Committee - Preparatory meeting		
14:30-15:00	General Assembly – Registration, coffee and a snack		
15:00-15:15	General Assembly – Welcome	K. Sorensen	
	General Assembly:		
	- WP 11 (15:15-16:00): Management	P. Farcv	
	- WP 1 (16:00-16:30): A common strategy	P. Morin	
15:15-18:00	- WP 2 (16:30-17:00): Regional and trans-regional activities	H. Wehde	
	- WP 6 (17:00-17:30): Outreach		
	- Questions & discussion (17:30-18:00)	Jo Foden	
End of first a	lay GA meeting		
	Tuesday, 6th of May		
08:30-09:00	Coffee and a snack		
	General Assembly:		
	- WP 3 (09:00 – 09:30): Harmonizing technological aspects		
09:00-12:30	- WP 4 (09:30 – 10:00): Operations and maintenance	W. Petersen	
	- Discussion on WP 3 & 4 (10:00-10:15)	M. Ntoumas	
10:15-10:45	Coffee break with a snack		
	General Assembly:		
10:45-12:30	- WP 5 & 7 (10:45 – 11:30): Data management / service access	P. Farcy	
	- WP 8 (11:30 – 12:30): Trans National Access	S. Sparnocchia	
12:30-14:00	Lunch		
	General Assembly:		
14:00-16:00	- WP 9 (14:00 – 14:30): News methods to assess the impacts	N. Pinardi G. Nolan	



In the second second second WP 10 (14:30 – 15:30): Improved existing and emerging H. Hummel TECH A. Giuliano Strategy with the monitoring of marine biodiversity (15:30-16:00) - OCEANBOARD status (16:00-16:15) - Conclusion (16:15-16:30) Steering 17:00-18:00 Steering committee – conclusions and actions Committee End of GA meeting 18:00-23:00 Dinner and drinks

Attendees:

Name	Organization
Carlos Hernández	AZTI
Julien Mader	AZTI
Simon Keeble	BL
David Mills	CEFAS
Jo Foden	CEFAS
Ali Aydogdu	CMCC
Stefania Sparnocchia	CNR ISMAR
Laurent Coppola	CNRS
Pascal Morin	CNRS
Joaquín Tintoré	CSIC
Zhenwen Wan	DMI
Lauri Laakso	FMI
Vlad Radulescu	GeoEcoMar
Leonidas Perivoliotis	HCMR
Manolis Ntoumas	HCMR
Wilhelm Petersen	HZG
Malgorzata Robakiewicz	IBW PAN
Rafael Gonzalez-Quiros	IEO
Ingrid Puillat	IFREMER
Nolwenn Beaume	IFREMER
Patrick Farcy	IFREMER
Sara Almeida	IH
Henning Wehde	IMR
Nadia Pinardi	INGV
Atanas Palazov	IO-BAS
Cate Boccadoro	IRIS
Glenn Nolan	MI
Paul Gaughan	MI
Frederic Francken	MUMM
Martin Arundell	NERC
Herman Hummel	NIOZ
Andrew King	NIVA
Dominique Durand	NIVA
Emanuelle Roberto Reggiani	NIVA
Kai Sørensen	NIVA
Richard Bellerby	NIVA
Rajesh Nair	OGS
Bengt Karlson	SMHI

Testeries tester

Patrick Gorringe	SMHI
Jukka Seppala	SYKE
Seppo Kaitala	SYKE
Timo Tamminen	SYKE
Robert Hall	UEA
Angele Giuliano	UoM
Joaquin del Rio	UPC

Testeries tester



3.2. Minutes of the General Assembly meeting

3.2.1. WP11: Management by P. Farcy (Ifremer)

This second General Assembly was introduced by the coordinator, Patrick Farcy with main achievements of WP11 (Management of the project) and the previous key events of JERICO.

The last Consortium meeting was in June 2013 for the Mid-Term Review, in Paris. This was the first time a representative of the EC came to discuss the progress of the project.

Patrick reminded that the technical and financial reporting for M18-M36 period had to be done in the next weeks to be in line with the EC requirements.

In order to do so, the Management Team will circulate to all administrative and financial contacts an excel document (form C) where all costs and personnel efforts will have to be listed. While filling in this excel sheet, each partner will have to update the Participant portal with their Form C and leave it in a draft mode until the Coordination Team revise it and validate it.

As we would like to avoid any delays, it is remind that each partner has to send their financial templates and documents on time:

- End of May: technical report from all WP leaders
- June 10th: form C in draft mode on the portal and excel sheet to coordination
- Amendments for the first reporting at the same time (template to be provided by the coordination)



Testeries tester





Issister in the second second



General Assembly 2 - JERICO - 17

13

Т



+3

E.	6
WP11 - MANAGEMENT	WP11 - MANAGEMENT
սորորո	Inhuhuhuh
Quality assurance plan V4 – available (ask me). Identity set : the description is on the website. To have the # items (ppt, logo, etc) please ask to Ingrid or me. Grant Agreement amendment 1 officially sent to the commission → waiting for the signature by UE	CNRS: Article 10 for 2 CNRS/University labs (Bordeaux & Perpignan) Unit cost for glider infrastructure NERC: SA/TNA infrastructures unavailable CNR: Some TNA Unit costs to modify HCMR: Some TNA Unit costs to modify IBWPAN: CRS infrastructure unavailable NIVA: One ferrybox unavailable Sub contracting of NIVA for WP1 (D. Durand) CSIC: Increase the Unit of Access (90 → 118)
General Assembly 2 - JERICO - 19	General Assembly 2 - JERICO - 20
G	G

	Deliverable name	Dow delivery date	Deliverable responsible	Delivery status
D11.4	First periodic report	18	lfremer	S=Submit
D3.2	Report on current status of gliders observatories within	15		
D6.3	Europe Summer school 1	15	DELTARES	s
D1.4	JERICO label definition	18	HCMR	Complet To subm

DELIVERABLES 2nd PERIOD				
Del. n°	Deliverable name	Dow Delivery date	Deliverable responsible	Delivery status
D5.3	First data management report	M24	OGS	S
D5.4	Guidelines for uncertainty	M30	OGS	C To submit
D6.4	Development and implementation of suite of web- based interactive tools	M24	Cefas (+BLIT)	S
D6.5	Summer school 2	M27	DELTARES	M39
D6.6	Final version of Jerico OceanBoard	M30	Cefas (+UoM)	S
D9.4	Second scientific report	M24	CMCC	S
D9.5	Second report on OSE	M36	HCMR	Р
D9.6	Second report on OSSE	M36	DMI	Р
D10.1	Report on trials and deployments	M36	MI	Р
D11.5	Second periodic report	M36	IFREMER	M38

DELIVERABLES 2nd PERIOD

Del. n°	Deliverable name	Dow Delivery date	Deliverable responsible	Delivery status
D1.5	Second call for TNA proposals	M20	CNR	S
D1.6	First report of the FCT activity	M24	MI	S
D1.7	First report of the access activity	M24	CNR	S
D1.8	Second report of the FCT activity	M36	IFREMER	P=Postponed
D1.9	Proposed strategy for biodiversity	M36	NIOZ	C=complete To submit
D2.4	Demonstration of the feasibility of Joint trans-regional production	M24	SMHI	S
D3.3	Review of current marine fixed instrumentation	M21	HZG/CEFAS	S
D3.4	Report on new sensor developments	M36	HZG	On going End of May
D4.2	Report on calibration best practices	M36	HZG	On going End of May
D4.3	Report on biofouling prevention methods	M36	CNR	On going End of April

MILESTONES 2nd PERIOD PPP GA2 meeting MS3 36 Ifremer MS9 Steering committee outputs 27 INSU/CNRS Done MS10 Second Forum for coastal technology 30 INSU/CNRS Done Done after the GA MS11 Steering committee outputs 36 INSU/CNRS Constitution on a permanent JERICO WG for calibration activities MS15 30 HCMR Done MS20 Summer School 1 16 CEFAS Done MS21 Summer School 2 28 CEFAS Postponed 40/41 Software and manuals for image analysis techniques (Task 10.1) Recommendation report for autonomous carbon measurements from XBT and ferrybox Done Villefranche WS Done Villefranche WS MS23 24 INSU/CNRS MS24 26 MI MI MS25 26 Not done Villefranche WS Report on joint workshop on best practices for coastal observatories and moored and floating profilers (???) MS26 30 General Assembly 2 - JERG - 24

Testes testes testes t

3.2.2. WP1: A common strategy by P. Morin (CNRS/INSU)

Pascal Morin presented the work undergone by WP1 members since the beginning of the project and what has to be done until the end of the project.

Label

After very long discussions during the various meetings, it became obvious that the JERICO label was a difficult task to lead, since:

- Coastal observatories are complex and diverse
- Criteria and standards must be rather general
- A deadline at Month 18 was proved to be too soon as the Label needs long discussions and sole agreement between partners
- The best practice deliverables which are cornerstones of the Label are delivered towards the end of the project

However, the JERICO label (v2.0) will available very soon and was presented to partners during the General Assembly. It will be updated thanks to associated deliverables expected to be delivered in the upcoming months.

TNA Calls:

Regarding the progress of the work package and its results, the third call for TNA proposals was launched in autumn 2013 (September-November) where 6 proposals were received and 5 approved and financed.

FCT:

Moreover, the Second Forum for Coastal Technology was held in March 2014 in London and the deliverable D1.9 "Definition strategy and interfaces with the monitoring of marine biodiversity" was delivered in April 2014.

After discussions, it was underlined that the link with JPI Ocean should be strengthened because of the similar and common topics.



Internation to the second second









Instantssins in the





Testes testes testes



24,04

General Assembly 2 - JERICO - 23

WP1: A COMMON STRATEGY

Task 1.5: Roadmap for the future

The Roadmap for the future will encompass the following elements:

1) Present key-environmental parameters measured in European coastal waters (primary and secondary parameters)

2) Emerging key-environmental parameters to be measured in European coastal waters

3) Sampling requirements in space and time - to address efficiently the needs of both the implementation of the EC Directives and the operational need of in situ data from the GMES marine services - to describe and quantify the ecosystems for understanding the dynamics, assessing

the state and predicting natural and/or human induced changes.

4) Elements of costs and efficiency of observing systems

5) Standardization, Quality standards

6) Data dissemination (technology, channel, time constraints, ...)

7) Promoting the use of JERICO infrastructure

WP1: A COMMON STRATEGY Task 1.6: User access for the Trans National Activities TASK LEADER: CNR CONTRIBUTORS: ALL TNA-WP8 PARTNERS OBJ: Management of the Trans-National Access to installations of the JERICO network. SubTask 1.6.1 (M1 - M26): : Preparation of the call – peer review Setting the "Selection Panel" Drafting the guidelines for evaluation Drafting the guidelines for evaluation Meetings of the Panel

SubTask 1.6.2 (M11 – M47):

- Information and reporting activities

- Drafting the specifications of the web site (call section), managing its construction and implementation.
- Managing the calls (call opening, proposals reception and transmission to the targeted providers for pre-screening technical review).

- Access reporting and information.

General Assembly 2 - JERICO - 24

1.0

WP1: A COMMON STRATEGY WP1: A COMMON STRATEGY Task 1.6: User access for the Trans National Activities Task 1.6: User access for the Trans National Activities T1.6 : MAIN RESULTS T1.6 : MAIN RESULTS THREE CALLS FOR ACCESS TO COASTAL OBSERVATORIES LAUNCHED USER PROJECTS STATUS 12 January 14 January 19 September 27 March 9 5 5 3 April 25 November 6 April – Julv April – June December - February 3 3 ----March July June back to applicants 2 5 oiects implementation October onwards October onwards May onwards INFO: 25 13 6 6 bmitted proposals http://www.jerico-fp7.eu/tna http://www.jerico-fp7.eu/tna/calls-and-selection/first-call/approved-projects http://www.jerico-fp7.eu/tna/calls-and-selection/second-call/approved-projects-2nd-call 20 10 5 5 http://www.jerico-fp7.eu/tna/calls-and-selection/third-call/approved-projects-3rd-call 19 9 5 5 cheduled projects General Assembly 2 - JERICO - 25 www.jerico-fp7.eu General Assembly 2 - JERICO - 26 WP1: A COMMON STRATEGY WP1: A COMMON STRATEGY Task 1.6: User access for the Trans National Activities Main Achievements Internet of the second T1.6 : MAIN RESULTS - Rationale and definitions for a common strategy: launching a European strategic view on OCO, implementation by the WPs DELIVERABLES - First Call for TNA proposals jan-mar 2012 (13 proposals received, 11 approved, 2 rejected) M20 D1.5 Second Call for TNA proposals - Preparation of the call-peer review (drafting the call, guidelines for evaluation, Delivered in January 2013 (M21) setting the selection panel, diffusion on the website, ...) D1.7 First report of the access activity M24 - Terms of reference for the FCT: definition of the role and objectives of Delivered in May 2013 (M25) FCT (exchange of information between users and providers, ...)

M42 D1.10 Second report of the access activity

General Assembly 2 - JERICO - 27



approved, 1 rejected)

First FCT in Brest (october 2012), sensor intercomparison at Ifremer
Second Call for TNA proposals jan-mar 2013 (6 proposals received, 5



WP1: A COMMON STRATEGY Next Steps	Car	w	P1: A CO NEX	MMON STR	ATEG) LES	(6
սիսիսիսի	- 01, ⁴⁴	Internation	WP 1 - List	of Deliverables			
- 4th and 5th Steering Committee (MS11 and MS12)			Deliverable Number	Deliverable Title	Delivery date	Status	
- Roadmap for the Future (MS14 and D1.11)			D1.8	Second assessment of the FCT activity	36	To be delivered	
			D1.9	Proposed strategy of the access activity	36	5 Done	
			D1.10	Second report of the access activity	42	2	
			D1.11	Final Report	48	3	

3.2.3. WP2: Strengthening regional activities by H. Wehde (IMR)

Henning Wehde presented the work of WP2 and what has been done during the past few months, along with the next steps for the work package.

Regarding the next actions for this work package, Henning listed the following:

- Continue working on extending the Deliverable D-2.3 (Integrated Pan European Atlas/first report on Coastal Observing systems) with the non physical parameters towards delivery of the updated Atlas as Deliverable D-2.5
- Delivery of the D-2.3 as a web-based Atlas: this tool will be designed to improve our contribution; technical solutions will be made available to have the possibility to do what we are planning to do (work as a Geographical Information System).
- Collaborative work with WP 9
- Contribution to the main strategy for future Coastal observatories

The representation of all European coastal observatories has been discussed, while talking about the deliverable D2.3.

A partner pointed out that in D2.2, gaps were not really highlighted and that the Consortium should better contribute as it is a key document and this can lead to a problem in the external evaluation of the project. This was due to very poor feedbacks from people and that links will be made with other WPs to make it more complete.

It was stated that this deliverable has too much links with the current system (too similar to MyOcean) and should be revised.

We have to be sure that everyone are represented especially in the Mediterranean area and see what we want to include. It has been considered to develop it through a scale approach, such as large, intermediate, etc for the different platforms.



Testes testes testes



General Assembly 2 - JERICO - 5



Testes testes testes



PERIODS IMPORTANT OR PROCESSES	North Sea/Skappetiki	1	8		*	M	1	.1	4	1	đ.	ų	10
	Subjects			1.1		1.0							
	Production Serie Lagrantial					+			. 2	1			
	Extrophysical	8.					4	4	*				
	Compliansport on local grant	-		181		-	4	4	-				
	Digatization wated								. 8		8.		
	Mahagement pterr	1						1					
	Subjecti derivente		1	14			1		1				
	deal Factors (242)										4		
	Physical constraints the	-	-		-	-	-	-		H	-	-	+
	Transport		1	1		1	1	1		4	1	10	-
	Verdiatien	-	1			34	-	-	1			16	-
	Meet last/ subits	-	H.	1		1	14É	10	-00	1		1	-
	Director Parts	-	4										t
	Modell validation		а,		x	.1	4	1	. 8	4	1	. 8	1
	Protulation	-	-		-	-	-	-		H	-	-	┝
	Production Issue/ Michary Profession		8.			. 8.		1		1			
	2milycela		H.		1		1	*			14		
	Dimasi offacts			10			1					1	
	Eutrophysical and the second status	_	۰.					+				_	
	thermital alarmit Months	-					- 1	+		1	14		-
	Mile Takohi						4		. 4	4			
	Vetagoneni pien	_	1	3	×	1	1		0	1	1		
	Inclusion	-			-						-		-
	Production two/officing production			1.	1	. Ť.		Ť.	1.		14		
	Instruction			1	1	1	4	ï					
	Limpic official	_		1									1
	- firm: Spoore							10				36	
www.iorioo.foZ.ou	Management plan			1.8			. 8				-		1

CENTRAL ISSUES

- Attention to functioning of present Arctic Ocean ecosystem and with respect to climate change and expected change in productivity, human activities (Arctic)
 - Attention to fresh water inflow and validation of forecasting models; sustainability of existing observational system and development towards to eco-system approach and MSFD-indicator needs and assessments (North Sea Region).
 - Attention for the monitoring the climate variability, improvement of LT stability for T&S and oxygen along the water column (Baltic Sea Region)
 - Attention to growth, and impact from extraction use of natural marine resources (Atlantic front of Europe IBIROOS-region)
 - Attention to lack of data from African Coast, NRT biochemical data and integration of gliders in the common vision of the Mediterranean observations (MONGOOS)
 - Attention to the overall lack of monitoring programs and system behavior studies. Building and maintaining a Basin scale in situ observing system based on best practices in other Regions has key priority (Black Sea GOOS region).

www.jerico-fp7

Ċ

Testes testes testes



The main aim for this deliverable is to provide an overview over and reference to the existing European observing systems. The aim is to include all the available observing systems in the seas around Europe.











habahahahat

- This report focussed on:
- Development and setup of an operational hydrological forecast tool for delivering high-resolution real-time and forecast fluxes of water and nutrients to European Seas.
- Demonstration of an possible approach to a pan-European transport product.
- The hydrological data is intended as an improvement to the discharge climatologies and constant nutrient concentrations traditionally used by oceanographers as input to physical and biogeochemical ocean models.
- The transport calculations are useful for customers interested in movement of water masses e.g. oceanographers, environmental organisations or fisheries.

www.jerico-fp7.eu

neral Assembly 2 - JERICO - 15



D2.5 Integrated Pan European Atlas/second report on Coastal Observing systems The main aim for this deliverable is to provide an updated overview over and reference to the existing European observing systems at the end of the project. The aim is to include all the available observing systems in the seas around Europe.

www.jerico-fp7.et



ISSUES, NEXT STEPS, AGENDA OF ACTIVITES Source for the updated Atlas as Deliverable D-2.3 with the non physical parameters towards delivery of the updated Atlas as Deliverable D-2.5. Delivery of the D-2.3 as a web based Atlas Collaborative work with WP 9 Contribution to the main strategy for future Coastal observatories Werent 2 - EREC - 19 Werent 2 - Werent 2

3.2.4. WP6: Outreach, by Jo Foden (CEFAS)

Jo Foden talked about WP6 and its role in communicating and promoting the project and its developments.

Regarding the JERICO User Display (JUD), there were no new developments for 12 months: some improvements are expected in the software and the process. The beta-test version of the JUD software will be made available on DropBox.

This presentation was an occasion to list possible ideas for the future of the WP and the communication within the project in general:

- It would be good to see how the software is used by partners and how outcoming results are shared. Feedback on its utilisation would help to set up a common tool and some methods to visualise their data,
- •
- Some interrogations: How to implement some degree of data quality control prior to the images being display to screen? How to make the system more robust to data or system anomalies? How to produce images that can be transmitted over a coaxial cable?

One partner pointed out that we have nice communication tools but we don't know how to use them and how to promote them to the community and the public audience. We have to work on it for the rest of the project lifetime.

This work has already started with the Oceanboard, by dividing the tool according the audience (public and professional). We need to use it better to reach the right community and involve the schools and university to promote our work widely.

Testes testes testes t







Instants to the local



Audience overview 1st Jan 2012 to 1st May 2014.
Main graph shows number of session over time.

Nearly 19,000 sessions by 11,000 users.

Average

•Sea temperature from FerryBoxes and satellite data (MyOcean) Month of January 2013 •Temperature records from three buoys; Coastal research station buoy, M3 and Pylos

•May to September 2013

Average daily temperature



Sub-task 6.1.3 complete. Development of the Jerico User Display was led by Mark Hartman at NOC.



Problem: the Pride of Bilbao ferry was discontinued at the start of the Jerico project, making it impossible for Mark to test ideas and prototypes.
Bent at HCMI carried out beta-testing of the Jerico User Display.

•Mark will make the beta-test version of the JUD software available on DropBox. Please send email to Mark.

The OceanBoard was launched and Deliverable 6.1 was completed

The OceanBoard was finalised in M30 (Oct 2013) and Deliverable 6.6 was submitted on time.

Indiana and a second



OceanBoard in Numbers

- 2 large sections Public and Professional
- 6 regions
- 44 articles in total

to the Votagener ormer of 14 and 14

is in another statement of an in-

Most have over 1000 hits with the highest having 27,500 hits



Main Targets of OceanBoard

- · Raising awareness on the benefits of coastal observations
- Disseminating experience, examples and best practices
- Target Groups:
 - Public including young generation, policy makers, stakeholders
- Professional academia, students, professionals
- We SHOULD use the OceanBoard more for Jerico results, deliverables, news, events
- It's an EXCEPTIONAL tool that we're FAILING to use properly



The OceanBoard needs your input!

- All Jerico partners and especially Regional Focal Points
 International CEFAS

 - Mediterranean Sea –University of Malta
 North Sea DELTARES
 - Baltic Sea SYKE
 - Iberian Area & Black Sea IFREMER
- Email Oceanboard@jerico-fp7.eu
 - Send us short 200 word articles + image + weblink for further info
- Our editorial team will do the rest!



OceanBoard

- 1 Year left to make a difference
- Actions from all:
 - · Look at your own research results
 - Choose at least 2 good stories and send them to us
 - Promote the OceanBoard with your colleagues

Actions from Regional Focal points

- . Look at OceanBoard and see what can be added
- Talk to Angele Giuliano during Tuesday or Wednesday
- Send your region's materials every month

Comments? Questions? Oceanboard@jerico-fp7.eu

Final version of the OceanBoard was delivered on time M30 (Oct 2013)



Glider Educational Tool: Home page with an adapted design for kids and

students





First summer school and associated Milestone report was delivered

on time.



TASK 6.3 SUMMER SCHOOLS: MALTA

International

www.jerico-fp7.eu

1st Summer school 8th–13th July, University of Malta Operational Oceanography in the 21st Century – The Coastal Seas

- 84 applicants,
- 28 countries: Europe, Middle East, South America, Asia,
- 35 participants selected.





TASK 6.3 SUMMER SCHOOLS: MALTA TASK 6.3 SUMMER SCHOOLS: MALTA Indealed and a first of the In the free built of the JERICO Malta summer school evaluation by participants Malta summer school report on the Jerico Accommodation or Social Programme Lectures 1+ Logistics community hub bers U General Assembly 2 - JERICO - 27

University of Malta M.Sc. In Applied Oceanography

- Scientific Baseline of Oceanography
- Practical Baseline of Oceanography
- · Essentials of Operational Oceanography
- Data Resources in Oceanography
- Boot Camp Field survey and hands-on marine data analysis
- Principles of Ocean Governance
- Applications and Services deriving from Operational Oceanography



Starts October 2014. International Expert Lecturers. 2 Available Scholarships – 16 applications already received!

Deltares summer school programme

Saturday Arrival, icebreaker and dinner

I evening v	isit to Sand Engine coastal observatory
Sunday	Data & information for monitoring [Cefas et al., Fix03]
	 MSFD, EMECO, monitoring strategy and networks
Monday	Data interpolation
	 DIVA/DINEOF[University de Liege, Prof. J-M Beckers]
Tuesday	Data dissemination
	 [EM ODnet/SDN/MyO cean/EuroGO OS, EurOBIS]
	 Co-organized with Delft Software Days (extra audience)
Wednesday	Data management and curation
	• DOI, DataCite, Versioning [3TU datacenter, OpenEarth]
Thursday	Data assimilation
	 [OpenDA]
Friday	Data processing (departure at lunch)
	 Web Processing Service [EMECO et al., 0 penEarth]





- Gender: F (6), M (5)
- Still accepting late applications

3.2.5. WP3: Harmonizing Technological aspects, by W. Petersen (HZG)

Wilhelm Petersen presented the work of WP3 and the follow-up of the work undergone so far.

Most tasks are conducted on time or are already completed (no delays to be highlighted). Best practice documents together with WP4 are on line with the requirements (Ferrybox and Glider to a large extend already available). As being very heterogeneous structures, fixed platforms need more efforts, especially in task 3.3.

All this information should be available online. The online tool provides numerous information on the different platforms, where one can choose the criteria and the structure of interest. There were some concerns about the data availability but most of the data is linked to public funding so no rights to be claimed.

The link with EMODNET has also been raised by one of the partner. We should interact with EMODNET physics to reach out more people. We have to figure out the proper way to do it.

Two deliverables have to be delivered:

- D 3.4 (Report on new sensor developments and their suitability for different platforms), which has been postponed to June 2014
- D3.5: Conclusion report task 3.1 [postponed to M42 = Oct 2014]: "Report summing up the main conclusions from the 2nd workshop on the best practice, common procedures and agreed standards of FB systems"

During this General Assembly, several WP3 side meetings will be organized (ferrybox and fixed platforms especially) and a ferrybox workshop will be organized by the ferrybox community in September 2014 in Talinn.

Testes testes testes



	WP3: HARMONIZING TECHNOLOGICAL ASPECTS
hulululul	General Objectives:
	 то provide a common base for the operational use of FerryBoxes, gliders, fixed platforms along European coasts
	 To review the current status of existing systems in operational use in European seas
JURY ELMOPEAN RESEARCH SHPRAETRIJCTURE HETWURK FÜR COASTAL DEDERWATURIES	 To define the best technical practices for compatible, robust and cost-effective systems
STATUS of WP 3	 To define procedures for harmonizing and merging quality assessed FerryBox and Fixed Platform data at regional (ROOS) level
Wilhelm Petersen, Helmholtz-Zentrum Geesthacht Email: wilhelm.petersen@hzg.de	 To define procedures and technological solutions for integration and testing of new sensors on these systems
www.jerico-Ip7.eu General Assembly, May 2014 Oslo	www.jerico-fp7.eu GA, Osio, May 2014, WP3 Status - 2
WP3: CONTRIBUTIONS OF PARTNERS	TASK LEADERS:
Interfection	Interfection
Overview WP3 contributions	Task 3.1 FerryBox: Syke (Seppo)
IFREMER SYNCE BUNPANI NUA JOSS NORR NECR HCAR NECR HCAR NECR IGUR CASC NOR IGUR CASC NOR IM AZTI INSU PUERTO NUMBER P-Mo. 1 2 3 5 8 9 11 12 14 15 16 17 18 19 22 22 26 17 PM 2 4 6 5 4 7 8 13 16 3 8 4 5.5 0 2 3.7 7 6.5 104.7	Task 3.2 Glider: CSIC (Joaquin)
WP.3.1 FerryBox o X ? X ? X X X X X X ? ? ? ? 9 WP.3.2 Glider X ?	Task 3.3. Fixed Platform: CEFAS (Rodney)
	Task 3.x.3 test & application of new sensors: HZG (Willi)
partners in total: 17 budget: ~550 T€ total personal month: 105	
GA, Oslo May 2014, WP3 Status - 3	GA, Oslo May 2014, WP3 Status - 4
WP 3.1 FERRYBOXES TASKS:	WP 3:

Internation

- **3.1.1:** Review current status of existing FB systems (flowthrough systems, sensors, quality control, data handling)
- **3.1.2:** Best practice of FB systems (flow-through system, sensors, operation procedures, antifouling, control mechanisms, data handling)
- **3.1.3:** Harmonization and merging quality assessed data from FB systems in ROOS regions
- **3.1.4:** Test and integration of new sensors and best practices (tightly linked to WP10).

GA, Oslo, May 2014, WP3 Status - 5



D 3.1. Report on current status of FerryBox (updated February 2014)

GA, Oslo May 2014, WP3 Status - 6


Testeries to the test of the test



Instants to the first





Deliverable 3.3. Current Status of Fixed Stations in Europe

Industria

- all data are included in a database which will be updated regularly (CEFAS)
- Over 900 different fixed platform measuring sites mapped by region (NOOS, BOOS, IBI-ROOS and MOON)
- 463 sea level measuring stations, 446 sea temperature stations and 237 wave measuring stations were recorded in this survey
- very wide variety of instruments and platform types are in use at these sites.
- observing systems are predominantly located in the shallow coastal zone where the seabed is less than 50 m deep.
- 80 identifiable marine observing systems (with on average 11 nodes or measuring stations)
- 33 of the 80 systems belong to organizations who are partners in the JERICO project (= 39%)

GA, Oslo May 2014, WP3 Status - 18

Internation and some







Tasks completed:

- Most tasks in schedule or already completed

Remaining tasks:

- Best practise for all three kinds of platforms together with WP 4 (→ D 4.4)
 - FB and GL to a large extend already .available
 - FP: very heterogeneous structures, some efforts necessary in task 3.3 (CEFAS), working group, lead: Carlos
- 3.1.3: Harmonization and merging quality assessed data from FB systems in ROOS regions (already common practice, data delivered to MyOcean)
- 3.3.3: Harmonization and merging quality assessed data from fixed platform systems in ROOS regions (NOOS, BOOS, MOON, IBI-ROOS): "This activity is cross-cutting through WP3 and will harmonize the outputs of fixed platforms with other systems such as FerryBox/ships of opportunity". Test sites: North Sea (Cefas, HZG, Ifremer) and Adriatic (CNR).
- 3.1.4 und 3.3.4: Test and integration of new sensors and best practices (tightly linked to WP10). → D 3.4.
 GA, Oslo May 2014, WP3 Status



Conclusion WP3 (cont)

Intra Intra I

Deliverables:

- completed:D 3.1 (FerryBox)
- D 3.2 (Glider)
- D 3.3 (Fixed Platforms)

remaining

- D 3.4 (Report on new sensor developments and their suitability for different platforms) postponed to end of May/June 2014
- D 3.5: Conclusion report task 3.1 [month 42 = Oct 2014!!] "Report summing up the main conclusions from the 2nd workshop on the best practice, common procedures and agreed standards of FB systems"

www.jerico-fp7.eu

GA, Oslo May 2014, WP3 Status - 24



Testeries and a second



	Person-Worthe per Par	topay.
Patopet runtier "	Petaget stot nores"	Person-trantile per participant
1	IFREMER	2.00
1	SYKE	4.00
3	IBMPAN	6.00
1	ND(A	5.00
	008	4.00
1	CNR	7.00
11	HOMR	8.00
12	NERC	12.00
14	HØG	16,00
15	MUM	3.00
76	CEFA8	8.00
17	SMHI	4.00
58	CBIC	5.50
20	M	2.00
22	TECNALIA-A2TI	3.70
23	INSU/CNRS	7.00
26	PUERTOS	6.50
		Total VE4.70

3.2.6. WP4: Harmonizing operation and maintenance methods, by M. Ntoumas (HCMR)

WP4 follow-up was introduced by Manolis Ntoumas who explained what has been done within this work package for the past few months.

Based on the experience of infrastructure operators and relevant regional activities, this WP aims to gather elements of best practice in conducting operations and maintaining coastal observatories, identify the successes in terms of systems autonomy and reliability and propose common procedures to be followed by all operators.

To do so, several deliverables have been designed:

- D4.2 "Report on calibration best practice": the document is in final state. Marine T and C sensors require regular, often frequent, calibrations because their performances tend to vary over time and can be affected by the specific conditions of usage.
- D4.3 "Report on biofouling prevention methods": a questionnaire was sent to the member of JERICO consortium. Answers were provided by 19 partners for 23 platforms and 54 sensors/sensors systems.
- Answers revealed that the biofouling phenomenon is not examined in depth, even though a better knowledge could help to choose a more effective antifouling approach. The Biofouling Monitoring Program carried out within JERICO can help to bring light on this point.
- D4.4 & D4.5 to be done in October 2014

One partner wondered what level of consensus is reached with this work package so far. The general questionnaire will help to do that.

Testestestestestest



WORKSHOPS (7)

Date	Title	Location
30-31 August 2011	1st JERICO WP3 & WP4 common workshop on FerryBox	HZG, Hamburg
9th February 2012	Calibration and biofouling prevention of optical sensors & sharing of calibration facilities	SYKE, Helsinki
29th February – 1st March 2012	2nd JERICO WP3 & WP4 common workshop on Fixed Platforms	CNR, Rome
22 – 23 May 2012	3rd JERICO WP3 & WP4 common workshop on Gliders	IMEDEA, Palma
4-5 October 2012	4th WP3 & WP4 common workshop on Best Practices	HCMR, Crete
23rd April 2013	WP3 & WP4 status workshop	SYKE, Helsinki
13 th March 2014	Dissolved Oxygen calibration / What are the best procedures? An interactive workshop to identify the best practices about dissolved oxygen calibration procedure.	FCT, Oceanology 2014, London

EXE	RCISES (4)		C.
Date	Title	Coordinator	Participants
9 th February 2012	1st Calibration and biofouling prevention of optical sensors & sharing of calibration facilities	SYKE, Helsinki	CNR, HCMR, AZTI, NIVA, NERC, OGS, IH, HZG, SMHI, POMaritime
10 th October 2012	2nd Calibration exercise (T,S,O2), sharing of calibration facilities	IFREMER, Brest	IFREMER, CNR, HCMR, AZTI, NIVA
June 2013 – up to now.	Biofouling Monitoring Program:	ISMAR-CNR	IFREMER, CEFAS, HCMR, AZTI, SMHI,SYKE
Sept-Oct 2013	Intercomparison of O2 sensors in situ and in lab	CNRS, Villefrance	IFREMER,MI, HCMR
www.jerico-fp7.eu	1	General Ass	embly 2 - JERICO - 4

DELIVERAB	LES (5)		E	the state
Deliverable	Responsible	Month	Date Due	Status	
D4.1 Report on Existing Calibration Facilities	HZG	18	October 2012	Done	
D4.2 Report on calibration best practices	HZG	36	April 2014		
D4.3 Report on biofouling prevention methods	CNR	36	April 2014		
D4.4 Report on best practice in conducting operations and maintaining	HCMR	42	October 2014	To be done	
D4.5 Report on running costs of observing systems	CEFAS	42	October 2014	To be done	
www.jerico-fp7.eu			General Asser	nbly 2 - JERICO	- 5

	LES			6
Deliverable	Responsible	Month	Date Due	Status
D4.1 Report on Existing Calibration Facilities	HZG	18	October 2012	Done
D4.2 Report on calibration best practices	HZG	36	April 2014	Final Draft
			April 2014	
D4.4 Report on best practice in conducting operations and maintaining	HCMR	42	October 2014	To be done
			October 2014	
vw.jerico-fp7.eu			General Ass	embly 2 - JERK

Testes for testes to





www.jerico-fp7.eu

5

partners)

BIOFOULING

(extra activity - not planned in the DOW, voluntary participation of

MONITORING PROGRAM

General Assembly 2 - JERICO - 15

Work in progress...

the end of 2014



General Assembly 2 - JERICO - 16

	LES			6
Deliverable	Responsible	Month	Date Due	Status
04.1 Report on Existing Calibration Facilities	HZG	18	October 2012	Done
04.2 Report on calibration best practices	HZG	36	April 2014	Final Draft
			April 2014	
D4.4 Report on best practice in conducting operations and maintaining	HCMR	42	October 2014	To be done
			October 2014	To be done
w.jerico-fp7.eu			General Asse	mbly 2 - JERIC









Questionnaire designed in Feb 2012 at Rome workshop and modified in discussions with GROOM participants
 Joint JERICO/GROOM – EGO Glider Workshop held 22-23 May 2012 in Mallorca
 Glider running costs reviewed within this workshop ('Report on current status of glider observatories within Europe', JERICO deliverable 3.2)

-

www.ierico-fp7.eu

 R/22
 24.40
 P1-30
 <thP

Questionnaire was sent to all JERICO task 4.3 participants Categories were grouped together to closely match those of the glider analysis Complexity of platforms varies between institutes (e.g. T & S, biogeochemcial sensors, CO_2) - therefore very different costs between institutes Level of detail provided in questionnaires depends on how institutes track costs





		auo	rms	and fer	ryb	XC	
la storp latobra pγloas,towers)	s (heitdh))	y mooring	js,	Ferrybox () ships vessels)	s of opport	u ty ard	researci
	Average initial investment	Average routin e cost	Average total cost including enseg anci es		Average initial investment	Aveage routine cost	Average total cost including energenci
investment per platification	92366			investment per platform	963/8		
Operationsper year - variable		52807	5562	Openni ma per yaar - yaalabio		17677	21978
Operationsper year - Fixed		10016	10387	Openni ma per y mr - fixed		22745	22745
Pesaneicas		25247	2084	Personnel costa		51689	5900
		0.40.70	0.100.0	THE R P.		0.0440	00.000

3.2.7. WP5: Data management and distribution; by R. Nair (OGS)

Rajesh Nair presented the work of WP5 and what has been done since the last Consortium meeting.

In order to create suitable partnerships with ongoing European data management initiatives to meet WP5 objectives, links and activities with SeaDataNet II and MyOcean have been created to support JERICO data flow and dissemination, since most partners are already contributing to both of them or are prepared to do so.

Moreover, to avoid duplication of efforts, a strong cooperation with SeaDataNet II and MyOcean has taken place in the development and improvement of data handling methodologies and data quality assurance procedures, prioritizing JERICO specific monitoring parameters and technologies.

Regarding WP5 deliverables, D5.4 "Guidelines for Uncertainty" is ready and has been submitted to the coordinator. It describes the essential principles and concepts central to the determination of measurement uncertainty.

Another important part of WP5 is the OGC/SWE for JERICO. Sensor Web Enablement is a suite of OGC standards enabling real time integration of heterogeneous sensors into the information infrastructure. Results of this process are available on a collaborative internet tool. The requirements should be implemented in SeaDataNet SensorML editor in December 2014.

On "Delayed Mode data management", a second version of the Delayed Mode Data Management Handbook will be made available by the end of the year. This report will include latest developments of SeaDAtaNet together with Eurofleets and ODIP (EU, USA and Australia). The implementation will be done when data will be available in delayed mode (at the end of the project).

Testes testes testes





WP5: DATA MANAGEMENT AND DISTRIBUTION Review and Status

Rajesh Nair¹, Loic Petit De La Villeon², Gilbert Maudire², Caterina Fanara (cfanara@ogs.trieste.it)¹, and Alessandro Crise¹ ¹OGS (Istituto Nazionale di Oceanografia e di Geofisica Sperimentale), Italy ² IFREMER, France

www.ierico-fp7.eu

May 5 to 7 2014 / Oslo / Norwa

WP5: THE OPERATING STRATEGY

Create suitable partnerships with ongoing European data management initiatives to meet objectives ? formalize links and actively engage with SeaDataNet-II (SDN-II) & MyOcean (MyO) to support JERICO data flow and dissemination.

Use what exists ? SDN-II for Delayed-mode (DM) data & MyO for (near) Real-time (nRT) data.

Avoid duplication of efforts ? cooperate with SDN-II & MyO in the development/improvement of data handling methodologies and data quality assurance procedures, prioritizing JERICO-specific monitoring parameters/technologies.

General Assembly 2 - JERICO - 2

WP5: WHY THIS OPERATING STRATEGY?

hababababat

Create suitable partnerships with ongoing European data management initiatives to meet objectives ? supports the "open & free" data policy paradigm; will aid in ensuring compatibility, interoperability, and the implementation of communal data handling practices.

Use what exists ? Many JERICO partners are already contributing to (or are prepared to contribute to) SDN-II/MyO.

Avoid duplication of efforts ? cooperating with SDN-II/MyO will allow JERICO to participate in establishing Europe's database and management infrastructure for coastal marine data.

v.jerico-fp7.eu

General Assembly 2 - JERICO - 3





WP5: OVERVIEW OF TASKS







WP5: HARMONIZATION WP5: HARMONIZATION Introduction Results (available on an alfresco collaborative basis) Demonstration description in XML. **Delayed Mode data management** Report on description from MARUM. IFREMER feedback. Activity partners: IFREMER / MARIS **Perspectives** Loïc Petit De la Villeon (Loic.Petit.De.La.Villeon@ifremer.fr) Dick Schaap (dick@maris.nl) MARUM is considering feedback (to be sent). Implementation of requirements in SeaDataNet SensorML editor (12/2014). General Assembly 2 - JERICO - 13 www.ierico-fp7.eu General Assembly 2 - JERICO - 14 www.ierico-fp7.eu **WP5: HARMONIZATION** WP5: LINK TO WP7 (SERVICE & DATA ACCESS)

Februari 1997

Results (available as deliverable D5.1)

- End of last year: release of the second version of the "Delayed Mode Data Management Handbook"; •
- Includes latest developments of SeaDataNet together with Eurofleets and ODIP (EU USA Australia);
- IFREMER feedback transmitted.

Perspectives

Implementation when data will be available in Delayed Mode (at the end of the JERICO project).

General Assembly 2 - JERICO - 15





General Assembly 2 - JERICO - 18



3.2.8. WP7: Service and data access, by P. Farcy (Ifremer)

Loic Petit de la Villéon couldn't attend the General Assembly, so Patrick Farcy presented WP7 work and advancement instead.

JERICO WP7 provides service and data access from 12 of its partners. The data collected is been promoted through an online portal and is flagged "JERICO" to increase the project implication and outreach.

These data are accessible through the JERICO website but not only. They are also integrated in the MyOcean and Coriolis platform, with the JERICO tag. They are also uploaded in the SeaDataNet portal, through the work of WP5.

19 infrastructures are taking part in this work package. Below is their status:

- 13 have their data set circulating in NRT since the beginning of 2013
- 5 have their data set circulating since the middle of 2013, with feedback up to January
- 1 will have its data integrated in a NRT data stream soon

Regarding TOP 1 "JERICO data tools based on EMECO DATA TOOLS", this will provide assessment maps and especially the "OSPAR greater North Sea".

The tools will be accessible to the partners to withdraw monthly multi-parameters maps.

Testes testes testes

111





hala hala hala da barrente d

ral Assembly 2 - JERICO

TOPS LAST ALL THE 2014 YEAR

Top 1 : JERICO data tools based on EMECO DATA TOOLS Will provide assessment maps, basically the "OSPAR greater North

Sea" like for other basins : Baltic sea, IBI; Med sea, on a monthly basis.

The tools will be accessible to the partners to withdraw monthly multiparameters maps.

General Assembly 2 - JERICO - 6

Testestestestestest





Top 2 : Data and demonstrative products, on a monthly basis, collected from fishing boats

Irish Sea (Ifremer and MI) and Adriatic (CNR). Data sets will be available through the Jerico Website (and stored at Ifremer).

Top 3 : Data from ferrybox and collocated buoys South Agean Sea (HCMR) and Kattegat (NIVA & SMHI). Data sets will be available through the Jerico Website (and stored at Ifremer).

TOP period is one year

TOPS

General Assembly 2 - JERICO - 7

3.2.9. WP8: TNA to coastal observatories, by S. Sparnoccia (CNR)

TNA access and WP8 work have been presented by Stefania Sparnocchia.

The overall objective of this work package is to open the JERICO network of coastal observatories to transnational users by providing free-of-charge access to facilities for R&D experiments and in situ testing.

Since the Mid-Term Review, a synthesis of TNA calls has been made:

- 9 approved projects for the 1st call, 9 approved projects including 6 projects concluded
- 5 approved projects for the 2nd call, 5 approved projects including 4 which have already started and should end at the end of 2014
- 12 facilities were listed for the 3rd call, 5 submitted proposals which were all approved and scheduled
- For these three calls, fixed platforms have been the most asked for (7 times out of 19)

Regarding the budget, 2445 days have been delivered instead of the 1513 primary established in the DoW. An extra budget will be allocated to comply with the requirements.

As asked by some partners involved in TNA, real unit costs should be calculated and certified by beneficiaries at the final financial statement and real access cost should be also claimed (real unit cost x number of units of access delivered).

Please remember that if the PI is a JERICO partner, travel costs and subsistence have to be put in the form C, not to be paid by TNA.

One partner proposed to make a special issue on TNA access and the projects funded. This special issue could also have general papers on the different work packages and the developments made.

We have reports about the TNA projects but we should think of a way to involve them in the communication and outreach of the project by asking them to publish at least one paper about their TNA experience.





CALL F	PROGRAM	SELECTION PRO		
	1st Call	2nd Call	extra 3rd Call	 Validation by facility operators Evaluation by the Selection Panel (SP)
Opening	12 January	14 January	19 September	Evaluation criteria, Threshold score > 60 1.Fundamental, scientific and technical value - m
Deadline	3 April	27 March	25 November	2.Quality of the work program - m 3.Evaluation of risks and payoff - m 4.Potential of seeding links with industry - m
Evaluation	April – July	April – June	December – February	5.Quality of users groups - m 6.European relevance - m
Feedback to applicants	July	June	March	 Final assessments by the SP Signature of agreements between End us facility operators and project coordinator
Projects implementation	October onwards	October onwards	May onwards	5. Implementation of projects
www.jerico-fp7.eu		G	eneral Assembly 2 - JERICO - 3	Modified after the fir

CALLS	CALLS RESULTS								
Introduction	1st Call	2nd Call	3rd Call	TOTAL					
Submitted proposals	13	6	5	24					
Approved proposals	10	5	5	20					
Scheduled projects	9	5	5	19					
Concluded	6			6					
Ongoing	3	4		7					
	18 facilities in the list	12 facilities in the list	12 facilities in the list						
www.jerico-fp7.eu			General	Assembly 2 - JEF	RICO - 5				

build an European facility for Science dedicated to innovation (new sensors, new automated platforms) - collaboration with

CEDURE

ax 30 ax 25 ax 15 ax 10 ax 10 ax 10

ers.

Selection Panel 1.Janet Newton, SAC 2.George Zodiatis, SAC 3.Richard Dewey, SAC 4.Hans Dahlin, SAC 5.Roger Proctor, SAC 6.Franciscus Colijn, FCT 7.Laurent Mortier, FCT 8.Alicia Lavin, FCT,

TNA management team 1. Stefania Sparnocchia 2. Patrick Farcy 3. Ingrid Puillat 4. Pascal Morin 5. Dominique Durand

st Call

General Assembly 2 - JERICO - 4





Instants started as

NUMB OFFEF	ER RED	OF PE	ITE R P	MS AR	
hala hala da	I				4 4
Partner	FB	FP	GL	CAL	
CNR (IT)		4		2	10 10 10 10 10 10
CSIC (ES)			1		FerryBox Fixed Plat.
HCMR (GR)		1		1	= dider = cal, cab.
HZG (DE)	3	1	1		
IBWPAN (PL)		1			
INSU/CNRS (FR)			1		
NERC (UK)			1		
NIVA (NO)	1				
OGS (IT)				1	
					General Assembly 2 - JERICO - 7





OFFERED AND DELIVERED QUANTITY OF ACCESS TIM
--

Partner	Туре	Access offered (days)	Access delivered/scheduled	
CNR (IT)	FP	590	1632	~
CNR (IT)	CAL	20	0	
CSIC (ES)	GL	90	152	
HCMR (GR)	FP	180	240	
HCMR (GR)	CAL	15	25	
HZG (DE)	FB	40	90	
HZG (DE)	FP	60	101	
HZG (DE)	GL	80	0	
IBWPAN (PL)	FP	108	0	
INSU/CNRS (FR)	GL	120	109	
NERC (UK)	GL	30	42	
NERC (UK)	FB + FP	70	0	
NIVA (NO)	FB	60	49	
OGS (IT)	CAL	50	5	
Extra budget required	78339€	513 days/ 471820	€ 2445 days / 550098 €	E

Calculated using estimated unit cost. Estimated aggiustment for CNRS/INSU only

GRANTS ASSIGNED TO TNA PROJECTS halm halm half 1st Call 2nd Call 3rd Call CIEBIO ABACUS ECCECs 2880 5750 4200 GABS GESEBB 3500 FITO 3200 FRIPP 4200 MicroLFA MAPOM 4500 6100 METRO 6300 1500 MUSICS GLISS 5240 MEDACID MOSC 6100 4000 TOFU 4200 o-DGTSPOCME 7200 6812 RAD TOT 23940 OXY-COR RTC тот 26062 3600 3200 SESAM 3500 TOT Total 85982 € 35980 www.jerico-fp7.eu General Assembly 2 · JERICO - 12

REAL UNIT COST AND REAL ACCESS COSTS

Internet

Real unit cost should be calculated and certified by beneficiaries (CNR, CSIC, HCMR, HZG, INSU/CNRS, NERC, NIVA, OGS) at the final financial report, and real access costs claimed (real access costs = real unit cost x number of units of access delivered)

Refer to «**Reporting transnational access** and service activity costs, May 2011»

ftp://ftp.cordis.europa.eu/pub/fp7/capacities/docs/reporting-v7_en.pdf

General Assembly 2 JERICO - 11

v.jerico-fp7.eu



TNA: Projects approved in the 2nd and 3rd CALLS http://www.jerico-fp7.eu/tna/calls-and-selection/first-call/approved-projects http://www.jerico-fp7.eu/tna/calls-and-selection/third-call/approved-projects-3rd-call 2nd Call 3rd Call ECCECs - Emerging Chemical Contaminants in European Coasts. J. Klanova, Masaryk University @ Masaryk University ABACUS - Algerian BAsin Circulation Unmanned Survey. G. Budillon, Univ. Parthenope & N. Ait-Ameur, ENSSMAL @ CSIC glider FRIPP - FRontal dynamics Influencing Phytoplankton Production and distribution during DCM period. A. Olita, CNR – IAMC @ CSIC glider FITO MicroLFA - Field Test Of MicroLFA nutrients monitoring device for Ferrybox systems. L. Sanfilippo, SYSTEA S.p.A @ COSYNA (HZG)

METRO - MEditerranean sediment TRap Observatory. Sanchez Vidal, Universitat de Barcelona @ Sicily Channel mooring (CNR)

MOSC - Monitoring oxygen in the Sicily Channel. D. Lefevre, MIO & S. Ben Ismail, INSTM @ Sicily Channel mooring (CNR)

RAD - Radiometry Assessment of optical Data for ocean color applications. K. Soerensen, NIVA @ Acqua Alta tower (CNR)

MAPOM -Marine Aerosols Properties Over the Mediterranean. J. Piazzola, MIO @ Acqua Alta tower (CNR)

MUSICS - Multi Sensor Investigation in the

Channel of Sardinia. D. ludicone, SZN & S. Gana, SAROST @ French CETSM glider

TOFU - New Tools for Oxygen, Fluorescence and tUrbidity sensors testing and intercomparison. R. Bozzano, CNR - ISSIA @ POSEIDON CAL LAB (HCMR).

STATUS OF PROJECTS

Internation

FIRST CALL, 9 approved projects:

• 6 have been concluded (info http://www.jerico-fp7.eu/tna/callsand-selection/first-call/project-reports-and-publications);

• 1 is planned to end in May 2014;

· 2 requested for extension and will finish in October and November 2014.

SECOND CALL, 5 approved projects:

- 4 started and will end in October/November 2014;
- 1 will start in few days and will end before Autumn.

THIRD CALL, 5 approved projects: To be implemented asap and concluded in Autumn 2014.

General Assembly 2 · JERICO - 14



TNA RELATED DELIVERABLES & MILESTONES (OVERVIEW) M8 D1.1 First Call for TNA proposals Delivered in January 2012 (M9), updated with an Addendum in May 2013 (application form, description of facilities) M11 MS6 Infrastructure available for users D1.5 Second Call for TNA proposals M20 Delivered in January 2013 (M21) M24 D1.7 First report of the access activity Delivered in May 2013 (M25) M42 D1.10 Second report of the access activity (due in October 2014) D8.1 Trans National Access Provision (due in April 2015) M48 (Summary of Access provided under JERICO) General WP8 TNA - JERICO - 16

INTRODUCTION 1ST CALL



A wreferencew static site in the violatity of the sampling area would have been good for comparison with the glider data.

Challenges.

- Research vessels can be a significant source of contominants when working with trace tevets
- Possible effects of photodegradation of passive sampler-absorbed photo-sensitive compounds when the glideries mades
- Oliden based passive sempling can allow sampling of sites inaccessible. by other modes of sampling
- Such passive sampling can be undertaken for organic and corganic compounds

Projectile point : Inttp://www.jerico-tp7.enu/attackimeints/article/230/Call_1_13_Project_repoint.pdf

Comparison of sampling rates with other modes of deployment

.................



TARGETED FACILITIES & APPROVED ACCESS PROJECTS

- Sampling rates of the devices (equivalent amount of water

JERICO

JERICO

GLISS

HIGH GLISS





Test set set set set set





CIEBIO: CALIBRATION AND INTER-CALIBRATION EXERCISE OF **BIO-GEOCHEMICAL SENSORS**

ROBERTO BOZZANO, SARA PENSIERI - CNR GEORGE PETHIAKIS, TATIANA TSAGARAKI, MANOLIS NTOUMAS, DIMITRIS PODARAS - HCMR JERICO END User Agreement № 12/1210185

Start: November 26 2012

extended to November 2014

End: November 30 2012

Host Research Infrastructure: POSEIDON Calibration Laboratory (POSEIDON CAL) http://jerico-fp7.eu/images/tna/calibration/calibration laboratories poseidon cal hcmr.pdf

OBJECTIVE

Perform a calibration and inter-calibration exercise of bio-geochemical sensors to be operationally and routinely deployed on off-shore marine observatories making part on a continuous basis of the marine monitoring network of the Mediterranean Sea

www.jerico-fp7.eu

General Assembly 2 - JERICO - 17



Scientific issues:



- Enhance the accuracy on a longterm perspective of in-situm easurements of dissolved oxygen, chbrophyll-a and turbidity in the Ligurian basin.
- Insurove the knowledge about the biogeochemical processes in the upper therm ocline.
- Support the developing of his-geochemical forecast models with real-time quality controlled observations for both the of assimilation and calibration tralidation phases.



62

Teeleeleeleeleeleeleel











Testeries tester



3.2.10. WP9: New methods to assess the impact of coastal observing systems, by N. Pinardi (INGV)

Nadia Pinardi presented the work of WP9 and their progress towards objectives.

WP9 is working to apply sophisticated data assimilative models and statistical methods to demonstrate the impact of coastal observations in analysis and forecasts.

Any sustainable coastal monitoring system should show its impact on the quality of model analyses for forecasting and reconstructions.

OSSE offers the only objective way to assess the impact of new technologies on model analyses. OSSE regions of work are divided as follows: Adriatic (CMCC), Bay of Biscay (CNRS, IFREMER), North Sea (HZG, RBINS), Baltic (DMI).

OSE will help to define the minimum observing system requirements and the possible gaps of selected technologies. Integration of observations and models gives the state-of-the-art of data sets for MSFD assessments. OSE regions of work are divided as follows: Adriatic (CMCC), Aegean (HCMR), North Sea (DELTARES, HZG, RBINS), Baltic (DMI).

There were some deviations from the project work programme and the coordination agreed on extending WP9 duration to the end of the project. The preparation of deliverables D9.5 and D9.6 has been delayed and is postponed to November 2014.

A side meeting will be organized in late October 2014 during the EuroGOOS conference in Lisbon.

Testes testes testes





OSSE OFFERS THE ONLY OBJECTIVE WAY TO ASSESS THE IMPACT OF NEW TECHNOLOGIES ON MODEL ANALYSES

OSE WILL HELP TO DEFINE THE MINIMUM OBSERVING SYSTEM REQUIREMENTS AND THE POSSIBLE GAPS OF SELECTED TECHNOLOGIES

INTEGRATION OF OBSERVATIONS AND MODELS GIVES THE STATE-OF-THE-ART DATA SETS FOR MSFD ASSESSMENTS

www.jerico-fp7.eu

General Assembly 2 - JERICO - 5

	ADRIATIC	AEGEAN	BAY OF BISCAY	NORTH SEA	BALTIC
OSE	CMCC	HCMR		DELTARE S HZG RBINS- OD	DMI
OSSE	CMCC		CNRS- IFREMER	HZG RBINS- OD	DMI
www.jerico-	fp7.eu			Genera	al Assembly 2 - JERICO



Testes testes testes

WP9	FOCUS	S OBSERVATIONS					
	ADRIATIC	AEGEAN	BAY OF BISCAY	NORTH SEA	BALTIC		
OSE	FISHERY OBSERVING SYSTEM TEMP.	HF RADAR & FERRYBO X SST		TIDE GAUGES & HF RADAR & BUOY STATIONS	SATELLITE SST		
OSSE	FISHERY OBSERVING SYSTEM TEMP. & SAL.		FIXED STATION & GLIDERS & FERRY BOX	HF RADAR & BUOY STATIONS	XBT PROFILES AND MOORED STATIONS		











Instants to to the



In the test of the test of the



Instants to the last





DEVIATIONS FROM PROJECT WORK PROGRAMME AND ACTIONS TAKEN

Internet

DEVIATION from PROGRAM	ACTION REQUESTED
D9.5 LATE	DELAY TO NOV. 2014
D9.6 LATE	DELAY TO NOV. 2014
Recommended meeting with other WPs not done	EXTEND WP9 duration to end of project (6 mnts extension) and organize the meeting in November 2014
Recommended meeting with other WPs not done	Start a special issue with Jerico OSE & OSSE results
	General Assembly 2 -

	•						
Delive- table Number	0	eliverable Titlo	Lead benefi- clary number	Estimated indicative person- months	Nature **	Dissemi- nation level ¹⁰	Delivery date
D9.1	п	ist scientific report	- 27	10.00	R	PU	3
D9.2	FI	ist report on OSE	11	10.00	R	PU	1
D9.3	FI	est report on OSSE		10.00	R	PU	1
D8.4	5	econd scientific report	27	7,50	R	PU.	2
D9.5	S	econd report OSE	11	10.00	R	PU	3
D9.6	Second report on OSSE		4	10.00	EI.	PU	3
Milestone number ³⁶		Miestone name		Lead benefi- clary number	Delivery date from Annex I ⁴⁶	Comments	
MS20		Final Report OSE		11	42	For final report WP1	
MS30 Final Report OSE			4	42	For final	report WP1	

71

Testeries tester

C.

3.2.11. WP10: Improved existing and emerging technologies, by G. Nolan (MI)

The work done by WP10 for the past few months has been presented by Glenn Nolan.

Since the Mid-Term Review, a workshop was organized in Villefranche /mer (France) from October 16th to 18th 2013 to outline progress on emerging technologies within the JERICO project.

A particular focus of the workshop was to invite researchers outside the project consortium to learn of technology developments within the project and present results of their own experiments.

The JERICO consortium needs to make some recommendations on terms of the state of the art of key future technologies, mainly focused on biological compartments. To that end, JERICO needs to compile a list of the technologies presented at the workshop and to consider the suitability and operational readiness of the technology to particular applications.

Regarding the Biological Compartments (Task 10.1) and the promotion of the techniques developed, a follow up on demonstration survey should be organized. The future of the software depends on the interaction between users and developers. There is also a need to standardize data formats.

On the profiling systems topic, solid progress is reported for the EOL buoy experiment in the Ligurian Sea. The MAMBO/ARVOR-C inter-comparison in the Adriatic Sea is now underway with results expected in late 2014. Early results suggest this is very challenging.

An open ocean profiler experiment is in the DoW but it seems like no resources is allocated to conduct the experiment (Atlantic/Celtic Seas).

Considerable progress was reported for the Italian Fisheries Operational Oceanographic System (FOOS) where equipping fishing vessels with sensors (eg. temperature, salinity, catch weight and net drum rotations) is becoming a mature and well understood technology. The focus is shifting towards making useful products for fishermen from the data collected from sensors on board fishing vessels.


Testestestestestest









TITLE - JERICO - 6





TITLE - JERICO - 7



Testes testes testes









Pooling the knowledge on the wavelength settings of various instruments (circles in the image) and spectral fluorescence responses of various target pigments (coloured countour plot) allow us to make first hand estimate how well different instruments are suited to detect certain phytoplankton groups.

Testes testes testes



Fluorometers from various manufacturers, including several models from some, were tested in 2013. Test included fluorometers for Chlorophyll a (3 models), phycocyanin (4) and phycoeryhtrin (3) and seven differently pigmented algae cultures were used. Results will highlight that using non-optimal wavelengths (as is the case with some instruments), will affect especially the success of the detection of cyanobacteria.



Instruments having several excitation channels are available from 2 manufacturers. By measuring spectral fluorescence, information on taxonomic structure of phytoplankton community may be derived. We tested Multiexciter from JFE Advantech (Japan) with different algae cultures, acclimated in various light conditions. Although on average the spectral groups separated nicely (left, spectra show fluorescence per 1 μ g Chla), inside each group large variability was noted (right, green algae response; fluorescence per 1 μ g Chla). Such results indicate that data analysis should be carried out using spectra of local species, preferably cultivated in close-to-natural conditions.



Phycocyanin is used in detection of filamentous cyanobacteria in the Baltic Sea. The method is operational, and recent evidence (paper by Kahru and Elmgren, using SYKE phycocyanin data) illustrate match-up with high phycocyanin fluorescence and surface accumulation of cyanobacteria (as derived from satellite images). Phycoerythrin as indicator of picocyanobacteria has been tested. Partly results will be affected by other species containing phycoerythrin.



Multiexciter from JFE Advantech (Japan) was deployd in 2013 (in a lake ...!). Data from different wavebands is shown on the top. Bottom (right) figure shows variations in spectra during the whole season. Preliminary look at the data indicate that the device was able to detect cyanobacteria blooms, at least, as shown by good match between phycobilin/chlorophyll fluorescence ratio and proportion of cyanobacteria from total phytoplankton biomass.

More sophisticated analysis will be caried out using both spectral library created for the instrument and using statistical approach.



 TASK 10.3: PROFILING SYSTEMS

 Solid progress is reported for the EOL buoy experiment in the Ligurian Sea.

 The MAMBO/PAGODE inter-comparison in the Adriatic Sea is now underway with results expected in 2014. Early results suggest this is very challenging.

 An open ocean profiler experiment is in the DoW but there don't appear to be resources to conduct the experiment. (Atlantic/Celtic Seas).

TITLE - JERICO - 17

Two new multiwavelength instruments measuring photosynthetic efficiency have been tested. Both are able to measure rapid light curves, a method that is required for unattended estimation of in situ photosynthetic rates. The absolute calibration of instruments, as recently published in L&O Methods, might be more difficult than expected e.g. due to spectral shifts of LEDs. Operationality of PSI fluorometer is currently tested in a ferry between Finland and

Germany. Hardware and data collection seem to work fine. Coupling the instrument directly with refridgerated sampler is still work in progress, thus samples for reference measurements have not yet been obtained.





Instants to the last



WP10: NEXT STEPS

Information

- Major focus on deliverables over the next 6 months (May to October 2014)
- Paul Gaughan (MI) to help in these tasks.
- Adriatic profiler experiment (continues)

• 10.5 and 10.6:

Ongoing









 Project Management: This WP concerns the overall management of the project and the organisation, administration and progressing of all tasks associated with the running of the project.
 Reanalysis and Training: Initial assignment of key areas and species for study, collate marine core service data and satellite data , develop model to run hindcast simulation, validate and fine tune model runs.

3. Nowcast / Forecast: Design of Regional VØ Model System running for specific species and location, Develop transport pathways and acquire remote and in-situ measured data which will

all feed into HAB-DDSS **4. Alert System:** Design and develop HAB-DDSS system, User acceptance testing, design of web portal to HAB-DDSS, Expert interpretation of the regional information assembled within HAB-DDSS

5. User Acceptance and Sustained Production: User requirement

workshop, economic assessment to assess improved ability to mitigate risk and increase productivity, develop business model for project sustainability. Successful integration of system into current user practices and their working environment



Indian Indian Indian

















Publications based on JERICO
Pieter Vandromme, Lars Stemmann, Carmen Garcia-Comas, Léo Berline, Xiaoxia Sun, Gaby Gorsky (2012) Assessing biases in computing size provine of automatically classified zooplankton from imaging systems: A case study with the ZooScan integrated system. Methods in Oceanography, doi:10.1016/j.mio.2012.06.001
•Lars Stemmann, Marc Picheral, Lionel Guidi, Fabien Lombard, Franck Preiger, Hervé Claustre, Gabriel Gorsky (2012) Assessing the spatial and temporal distributions of zooplankton and marine particles using the Underwater Vision Profiler. CNRS Edition, ed. Françoise Gaill, <u>Yvan</u> Lagadeuc et Jean-François Le Galliard
Lars Stemmann & Hervé Claustre & Fabrizio D'Ortenzio (2012) Integrated observation system for pelagic ecosystems and biogeochemical cycles in the oceans CNRS Edition, ed. Françoise Gaill, Yvan Lagadeuc et Jean-François Le Galliard
t
TITLE - JERICO - 32







 Project Management: This WP concerns the overall management of the project and the organisation, administration and progressing of all tasks associated with the running of the project.
 Reanalysis and Training: Initial assignment of key areas and species for study, collate marine core service data and satellite data , develop model to run hindcast simulation, validate and fine tune model runs.

3. Nowcast / Forecast: Design of Regional VØ Model System running for specific species and location, Develop transport pathways and acquire remote and in-situ measured data which will all feed into HAB-DDSS

4. Alert System: Design and develop HAB-DDSS system, User acceptance testing, design of web portal to HAB-DDSS, Expert interpretation of the regional information assembled within HAB-DDSS

5. User Acceptance and Sustained Production: User requirement

workshop, economic assessment to assess improved ability to mitigate risk and increase productivity, develop business model for project sustainability. Successful integration of system into current user practices and their working environment

















Testeries tester























- Improved interfaces,
- system control RS232 and USB

interfaces Development of conformal

coasting for improved water resistance







For ferry box applications, and particularly when running on vessels with low infrastructure we need to make the system more robust. One element of this is the electronics - a PC is not a good long term solution. Therefore we have designed and manufactured bespoke electronics that can run the systems directly. The electronics (V1) are working well and V2 are in development. We are still working on trying to integrate these with the ferry box version of the pH sensor, and to demo this.

Teelse feelse feel



Kai Sørensen, NIVA kai.sorensen@niva.no FUTURE WORK Combine pH and pCO2 into one system Deployment for long term tests on three ship routes (seasons, years) Kattegat/Skagerrak (low saline water, high ChI-a) Coastal areas (Fjords, Rivers mouth) Barents Sea (cold waters/Arctic) Long term technical experience Long term calibrations experience (NOAA-gas) Establish the overall precision and accuracy Comparison and implementation in the monitoring program Hopefully implementation into the monitoring programs?

Comparisons with other systems (Jerico-activity?) GO-System, other membrane systems and other detectors



The Syringe pumps (Harvard, USA) that we have previously used use are not very reliable – most of the problems are in control, they are really designed to be operated manually in the lab. We have therefore investigated a number of alternative pumps including solenoid diaphragm pumps (lee co and biochem) and syringe pumps (lee co). We have also developed our own bespoke syringe pump. This is an adaptation of a submersible system (and is hence robust). However at time of writing we have a problem with wear in the seals which we are still working on. The maximum life we have achieved is 10000 measurements. Periodically we get worse life, and wear results in particles entering the system which degrades performance. Hence we are working to eliminate this wear problem through design.

 Project Management: This WP concerns the overall management of the project and the organisation, administration and progressing of all tasks associated with the running of the project.
 Reanalysis and Training: Initial assignment of key areas and species for study, collate marine core service data and satellite data , develop model to run hindcast simulation, validate and fine tune model runs.

3. Nowcast / Forecast: Design of Regional VØ Model System running for specific species and location, Develop transport pathways and acquire remote and in-situ measured data which will all feed into HAB-DDSS

4. Alert System: Design and develop HAB-DDSS system, User acceptance testing, design of web portal to HAB-DDSS, Expert interpretation of the regional information assembled within HAB-DDSS

5. User Acceptance and Sustained Production: User requirement

workshop, economic assessment to assess improved ability to mitigate risk and increase productivity, develop business model for project sustainability. Successful integration of system into current user practices and their working environment

sion 3 has been deployed in March 29th 2013 in the Villefra The new version is larger and bigger than the previous one: 4 tons & 8m height & 3.6 diameter The CTD profile a set of the state of the set of the se



INSERT TEXT

Internation

LED



Induludud

TITLE - JERICO - 55

2009-2011

.

.

June 2011

(14m3)









Ississing to be a set of the set









 Project Management: This WP concerns the overall management of the project and the organisation, administration and progressing of all tasks associated with the running of the project.
 Reanalysis and Training: Initial assignment of key areas and species for study, collate marine core service data and satellite data , develop model to run hindcast simulation, validate and fine tune

model runs. **3. Nowcast / Forecast:** Design of Regional VØ Model System running for specific species and location, Develop transport pathways and acquire remote and in-situ measured data which will all feed into HAB-DDSS

4. Alert System: Design and develop HAB-DDSS system, User acceptance testing, design of web portal to HAB-DDSS, Expert interpretation of the regional information assembled within HAB-DDSS

5. User Acceptance and Sustained Production: User requirement

workshop, economic assessment to assess improved ability to mitigate risk and increase productivity, develop business model for project sustainability. Successful integration of system into current user practices and their working environment











TITLE - JERICO - 65





Testes testes testes





1. Project Management: This WP concerns the overall management of the project and the organisation, administration and progressing of all tasks associated with the running of the project.

2. Reanalysis and Training: Initial assignment of key areas and species for study, collate marine core service data and satellite data , develop model to run hindcast simulation, validate and fine tune model runs.

3. Nowcast / Forecast: Design of Regional VØ Model System running for specific species and location, Develop transport pathways and acquire remote and in-situ measured data which will all feed into HAB-DDSS

4. Alert System: Design and develop HAB-DDSS system, User acceptance testing, design of web portal to HAB-DDSS, Expert interpretation of the regional information assembled within HAB-DDSS

5. User Acceptance and Sustained Production: User requirement workshop, economic assessment to assess improved ability to mitigate risk and increase productivity, develop business model for project sustainability. Successful integration of system into current user practices and their working environment







Tester tester tester





1. Project Management: This WP concerns the overall management of the project and the organisation, administration and progressing of all tasks associated with the running of the project.

2. Reanalysis and Training: Initial assignment of key areas and species for study, collate marine core service data and satellite data , develop model to run hindcast simulation, validate and fine tune model runs.

3. Nowcast / Forecast: Design of Regional VØ Model System running for specific species and location, Develop transport pathways and acquire remote and in-situ measured data which will all feed into HAB-DDSS

4. Alert System: Design and develop HAB-DDSS system, User acceptance testing, design of web portal to HAB-DDSS, Expert interpretation of the regional information assembled within HAB-DDSS

5. User Acceptance and Sustained Production: User requirement workshop, economic assessment to assess improved ability to mitigate risk and increase productivity, develop business model for project sustainability. Successful integration of system into current user practices and their working environment











Testeries for the



3.3. Statement of decisions after the GA, by P. Farcy (Ifremer)

Teeleeleeleeleeleel

WP#	Decisions / Recommendations
WP1	The JERICO label deliverable has been postponed and will be delivered very soon. It was more difficult to establish as initially planned, especially since inputs from best practice were needed.
WP2	Deadlines for deliverables have been extended.
	A meeting will be organized in Autumn to solve the gaps with the observing systems.
WP3	A final workshop (probably on fixed platforms) will be organized.
WP4	A workshop will be organized to define the structure of the deliverables which are ongoing and will define best practice.
WP5/WP7	Problems from WP7 with data transfer to deliver it to SeaDataNet has to be solved.
	Access to data from MyOcean has also to be fixed.
WP6	Promotion for the DELTARES summer school has to be improved, especially from partner' side.
	Inputs for OceanBoard are requested from partners.
WP8	The time that users have to conclude their experiment and produce scientific results is very short and is incompatible with the JERICO timeline (something that we should consider for JERICO 2).
	For the next calls, it might be interesting to ask the users for at least one publication.
WP9	Due to WP9 internal changes, the deliverables that were expected have been postponed in order to deliver them in good quality.



4. Steering Committee

4.1. Objectives of the steering committee

This Steering Committee was the first one after the mid-term review of last year. This meeting was crucial for the end of the project and its next phase.

The main focus of the talks was the JERICO 2 proposal and the potential involvement of each partners and new comers.

4.2. Steering Committee Agenda

Monday, 5 th of May				
12:00-13:30	Lunch Steering Committee			
13:30-14:30 Steering Committee - Preparatory meeting				
Tuesday, 6th of May				
17:00-18:00	Steering committee - conclusions and actions			

4.3. List of participants

Name	Organization	
David Mills	CEFAS	
Stefania Sparnocchia	CNR ISMAR	
Pascal Morin	CNRS	
Joaquín Tintoré	CSIC	
Manolis Ntoumas	HCMR	
Wilhelm Petersen	HZG	
Ingrid Puillat	IFREMER	
Nolwenn Beaume	IFREMER	
Patrick Farcy	IFREMER	
Henning Wehde	IMR	
Nadia Pinardi	INGV	
Glenn Nolan	MI	
Dominique Durand	NIVA	
Kai Sørensen	NIVA	
Rajesh Nair	OGS	
Patrick Gorringe	SMHI	

Testeries tester

4.4.	Reminder o	of statement of	of decisions	taken in	SC meeting #3
------	------------	-----------------	--------------	----------	---------------

Decision Content		Action done/failed		
SC3#				
1	Initiate the content of the MOU with	We decide to not go further on		
	MyOcean, SEADATANET & EUROGOOS	year of the end of the project		
2	Dedicated meeting of WP2 during next EUROGOOS annual meeting.	WP2,Done. Henning Wehde, November 2013		
3	Preparation of the WP10 scientific meeting in October	Done		
4		Coordinator and Steering committee,Done		
5		Georges Petihakis. Label task force completed mid 2014. Done		
6	Invitation to a preparatory meeting on the future strategy in Paris in June the 18 th	Coordinator, before end of May. Done		
7	The task 10.3 meeting is postponed in October in Nice	WP10, Glenn Nolan -Done		
8	Completion of the waited Deliverables before end of May	Partially done in May. Last deliverables in 2014		
9	A new call for TNA to be launched in September or October 2013	WP8, Stefania Sparnocchia – Done		
10	WP9 meeting (common with WP2 one) during next EUROGOOS annual meeting	WP9, Srdjan Dobricic. To organise in 2014		
11	1 st period activity report addendum for to be sent to the coordinator	<i>Before May the 24th,</i> WP1, 2, 3, 9, 10 leaders - Done		
12	NERC to provide new WP7 and WP8 unit of access cost calculation and WP10 new objectives and men months	Richard Lampitt – Done but not satisfying		
13	4 news associate partners are accepted except for the WP8 activities.	Coordinator, Agreements to be provided, end of September. Done for 3 –but the fourth one doesn't go further		
14	Next Steering committee to plan : when and where	Coordinator, mid-September. Done		

4.5. Session 1: Preparatory meeting

To start these steering committee meetings, a roundtable occurred to see the progress of each work package and the problems/remarks that work package leaders had to highlight.

The table below summarizes the discussion of this preparatory meeting:



WP	Contact Person	Comments	
1	Pascal Morin (CNRS)	Everything is going as planned, except for the label.	
		The deliverable has been postponed because it was more difficult to establish than initially planned.	
		A dedicated talk is scheduled during the workshop to discuss the label (and its definition) and to get some feedback and inputs, especially from best practice.	
2	Henning Wehde (IMR)	The deadlines of some deliverables have been extended.	
		Ongoing tasks and tests are occurring but gaps have been highlighted from the observing systems.	
		A meeting with WP9 will be organized, probably in Autumn.	
3	Wilhelm Petersen	Most of the deliverables have been submitted.	
	(HZG)	The task 4.4 is ongoing, best practice with WP4 to be concluded.	
		A final workshop has to be scheduled which might be dealing with fixed platforms.	
4	Manolis Ntoumas (HCMR)	2 deliverables are due for the end of this month, a final draft will soon be sent for comments and inputs.	
		A workshop will be organized to define the structure of the deliverable and to discuss the best practice.	
		Some comments have been raised regarding the questionnaire. In order to improve the process, users should add notes to help interpreting the answers.	
5	Rajesh Nair (OGS)	All current deliverables have been submitted, the next ones will be in Month 42 and 48.	
		Some problems with WP7 have occurred, especially with the transfer of data and its delivery to SeaDataNet.	
		There are also problems with MyOcean, regarding the access to data and its integration, due to format incompatibility and an issue with the conversion.	
6	Jo Foden (CEFAS)	WP6 is on target with its deliverables: the first summer school was launched in Malta last year and the online tool is working.	
		WP6 members ask all partners to be more involved in the OCeanBoard tool and to make some contributions.	
		The next summer school will be held in Deltares premises (Netherlands): 11 applications received so far but we need to promote this summer school in order to get more applications.	
7	Patrick Farcy (IFREMER)	The JERICO data tool (TOP) will be presented to partners during the General Assembly.	
		Regarding the JERICO website, the webpage describing WP7 work has to be developed.	
8	Stefania Sparnocchia (CNR)	work undergone is in line with its timetable: 4 deliverables eliver but 3 of them are in WP1.	



1.1						
		3 calls for TNA have been launched which represents 25 request of access, 19 projects funded, 6 concluded and 9 that are ongoing.				
		One small problem has been raised: The time that users had to conclude their experiment and produce scientific results is too short and incompatible with the JERICO lifetime.				
9	Nadia Pinardi (INGV)	The WP leader is now Simona Masina. A meeting through WebEx will be organized with WP9 members to check the work that needs to be done.				
		It was asked to delay 2 deliverables in order to deliver them in good quality.				
		WP9 should end in October but WP9 members asked to extend it until the end of the project in order to enlarge the work done and to manage two major changes.				
11	Patrick Farcy	Everything is going as planned.				
	(IFREMER)	M36 reporting (technical and financial) are in process.				

4.6. Session 2: Conclusions of GA and actions

After the General Assembly and the steering committee meetings, the following decisions and actions have been taken:

WPs	Action	Who	Deadline
	Deliver the second FCT final report	G Nolan	End of June
1	Complete the Label document and the roadmap	WP1 members + G Petihakis	End of June
	Organize a stakeholders' meeting	P Farcy	Before the end of the project
	Update the gap analyses report	WP2 members + WP9	TBD
2	Promote Task 2.2	WP2 members + BL	TBD
	Organize a joint meeting between WP1, 2, 3 & 9	N Pinardi, H Wehde, P Gorringe	Agenda for mid june (October 28 th)
	Organize a workshop on fixed platforms in common with WP4	W Petersen + P Gorringe	October 27 th
3	Update the fixed platforms data base and make it available on the website (+EMODNET)	WP3 member + BL+ P Gorringe	TBD
	Organize a workshop on fixed platforms in common with WP3	WP4 members + WP3	October 27 th
4	Send a small questionnaire to the partners to see if they can apply the label recommendations	HCMR	TBD



Tester tester tester

	Solve the issues with MyOcean	WP5 members	End of June
5	Check that the JERICO data in EMODNET is labelled	L Petit de la Vileon + P Gorringe	End of June
6	Promote the Summer School	WP6 members	End of May
7	Work on the portal (data coming from JERICO partners + link with MyOcean and SeaDataNet)	WP7 members	End of 2014
	Initiate the TOP: application of JERICO data tools and 2 other TOPS	WP7 members + BL	Before the end of the project
8	Prepare a final workshop focusing on TNA projects	WP8 members	Before the next GA
9	Organize a meeting with WP1, 2, 3 & 4	N Pinardi	End of October
10	Finalize the Villefranche workshop report	G Nolan	End of June
	Follow up on Task 10.5 and 10.6	G Nolan	End of June
	Deliver the technical and financial reporting to the EC	IFREMER + partners	End of June
11	Propose an editorial group for a special issue (to be released before the end of the project)	I Puillat + WP8, 9, 10 and 11	Mid-June
	All partners should give their real costs concerning TA and SA	JERICO partners	End of May

4.7. Session 3: H2020 JERICO

The last session of this meeting was focusing on the making of the JERICO 2 proposal and its first discussion. A workshop on future strategy was scheduled that day to start thinking of what would be integrated into the proposal and into the work packages of the JERICO 2 project.

A Steering Committee meeting was organized on Thursday to discuss on how we will prepare the answer to the call, due September 2nd 2014.

Through a Google document presented to the participants, each partner appointed themselves in the different work packages and shaped discussion groups to start writing a first draft and a first work package structure.

For each work package, a discussion group was appointed with a leading contact person and even a WP/task leader in some cases.

A dedicated preparation meeting will be organised in Delft in June: the same week of the Summer School organised by DELTARES.