

## **Report after**

**Jerico Kick off meeting  
Maison de la Recherche  
Salle du conseil  
24-25<sup>th</sup> May 2011, Paris**

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## **Executive Action Summary**

- 1 - The 8 proposals to vote are approved**
- 2 – The project will propose a definition of the “Vision” of the European coastal observatory network**
- 3 – The workshops for WP3 and 4 will be organised together:**
  - first WS on “ferrybox” late august in Geesthacht (HZG)**
  - first meeting on “fixed platform” to be defined by CNR and CEFAS**
  - first meeting on “gliders” to be defined by CSIC**
- 4 – The common questionnaire WP2, 3, 4 & 5 to be ready in September**
- 5 – The objectives and scheduling of a common event: first summer school and first forum FCT must be defined very soon (before October 2011)**
- 6 – The definition of the TOP activities and the access of these data sets need to be cleared.**
- 7 – A dedicated session on the TNA proposal will be added to the first summer school.**
- 8 – The consortium agreement needs to be validated and signed before the end of June.**

## Report after JERICO kick-off meeting

### 1. Preparation of the meeting

#### 1.1. Initial Agenda

##### **Tuesday, 24<sup>th</sup> of May Kick-Off meeting**

##### **• Morning – Official launching of the project; General Assembly 1st day**

###### *0900 – 0930: Welcome coffee and registration*

0930 - 0945: Welcome by the Coordinator. Presentation of the management structure.

0945 - 1030: Introduction to the Project and its objectives. Coordination activities and Committees, by the coordinator,

###### *1030 – 1050: Coffee Break*

1050 - 1200: WP11: management, administrative and financial activities, by the management team

1200 – 1230: European Commission expectations and recommendations, by **Agnes Robin**.

###### *1230 – 1400: Lunch*

##### **• Afternoon – General Assembly 1st day**

1400 – 1415: Presentation of the scientific coordination team, by **Patrick Farcy**.

1415 – 1445: WP1 activities **Pascal Morin, Ingrid Puillat, Dominique Durand**.

1445 – 1530: WP2 activities, by **Henning Wehde** (IMR).

1530 – 1615: WP3 activities, by **Wilhelm Petersen** (HZG).

###### *1615 – 1635: Coffee break*

1635 – 1720: WP4 activities, by **Georges Petihakis** (HCMR).

1720 – 1750: WP1 activities (con't tasks 1.5 & 1.6) and WP2, 3 and 4 coordinated actions, by **Pascal Morin, Ingrid Puillat, Dominique Durand**.

1750 – 1800: Welcome addressed by **Patrick Vincent**, Deputy General Director of Ifremer.

##### **Evening – Social event**

###### *1800 – 1930: Cocktail party*

## **Wednesday, 25<sup>th</sup> of May Kick-Off meeting**

### **• Morning – General Assembly 2nd day**

0900 – 0945: WP5 activities, by **Alessandro Crise** (OGS).

0945 – 1030: WP6 activities, by **David Mills** (CEFAS) & **Simon Keeble** (BlueLobster).

*1030 – 1050: Coffee break*

1050 – 1130: WP9 JRA activities, by **Srdjan Dobricic** (CMCC).

1130 – 1230: WP10 JRA activities, by **Glenn Nolan** (MI) & **Antoine Gremare** (CNRS/INSU).

*1230 – 1400: Lunch*

### **• Afternoon – General Assembly 2nd day**

1400 – 1445: WP7 SA/TNA activities, by **Patrick Farcy** (Ifremer).

1445 – 1530: WP8 TNA activities, by **Stefania Sparnocchia** (CNR).

1530 – 1600: Synthetic conclusions and recommendations: Actions and associated schedule,  
by **the coordinator and the steering committee of Jerico**.

1600: End of the kick off meeting.

## 1.2. List of participants

Partner Institute		Country	Participants		
European Commission - DG RTD	EC	Belgium	Agnès Robin Agnès.ROBIN@ec.europa.eu		
Institut Français de Recherche pour l'Exploitation de la Mer	Ifremer	France	Patrick Farcy Patrick.Farcy@ifremer.fr	Ingrid Puillat Ingrid.Puillat@ifremer.fr	Dominique Gueguen Dominique.Gueguen@ifremer.fr
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Independent consulting and research institute	DELTAES	Netherlands	Nicki Villars Nicki.Villars@deltares.nl		
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The Secretary of State for Environment, Food & Rural Affairs	<b>CEFAS</b>	UK	David Mills david.mills@cefas.co.uk	Jo Foden jo.foden@cefas.co.uk	
Swedish Meteorological and Hydrological Institute (EuroGOOS)	<b>SMHI</b>	Sweden	Bengt Karlson Bengt.Karlson@smhi.se	Jörgen Nilsson jorgen.nilsson@smhi.se	
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<b>Guest Institute</b>		<b>Country</b>	<b>Participant</b>		
Institut Pierre Simon Laplace	<b>LOCEAN</b>	France	Laurent Mortier mortier@locean-ipsl.upmc.fr		
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Marine Board - European Science Foundation	<b>ESF</b>	Belgium	Aurélien Carbonnière ACarbonniere@esf.org		
Eurogoos	<b>SMHI</b>	Sweden	Hans Dahlin Hans.Dahlin@smhi.se		

## **2. Main report: Day 1, Morning**

The Initial Agenda was slightly modified in order to present Introduction, the general coordination (WP11) and the scientific coordination (WP1) in one session. Then a discussion raised on the link with other EU projects, this is summarised in session 2. The contract management and words from European Commission are reported in sessions 3 and 4 respectively. The morning concluded by a session dedicated to votes in General Assembly.

### **2.1. SESSION 1. Presentation by P. Farcy**

The presented slides are available at

<https://sites.google.com/site/jericofp7/home/kick-off-meeting-24-25-may-2011>

➤ Welcome and introduction:

JERICO : Joint European Research Infrastructure for Coastal Observatories.

Preparation for future OCO: Operational Coastal Observatories.

27 partners, presentation of the Project objectives

➤ Statements regarding contracts:

- the contract agreement is signed by all partners and coordination, EC as well

- the consortium agreement: by end of June

➤ Presentation of the IFREMER coordination team:

Patrick Farcy : Coordinator, WP11

Ingrid Puillat : deputy coordinator

Dominique Gueguen: financial

➤ Scientific coordination:

Pascal Morin CNRS

Dominique Durant, NIVA (Norway)

Ingrid Puillat, IFREMER

➤ Presentation of SC members:

- W. PETERSEN – HZG
- S. KAITALA – SYKE
- D. HYDES – NERC (TBC by vote #1)
- D. MILLS – CEFAS
- D. DURAND – NIVA
- G. NOLAN - MI
- A. GREMARE – CNRS
- S. SPARNOCCHIA – CNR
- K. NITTIS – HCMR
- J. TINTORE – CSIC
- P. FARCY – IFREMER

In addition the SC is composed of invited advisers without right to vote in SC:

- EEA : Tim Haigh

- Marine Board : Aurelien Carbonnière

**this is to be approved by Vote #2**



- Presentation of General Assembly Meetings:
    - KICK-OFF MEETING: Paris, May 2011
      - Partners and EC representatives
    - GA# 2: Greece (HCMR), October 2012
      - Partners, associated partners
    - Mid term review: Brussels, April 2013
      - SC, WPL team, EC representatives
    - GA# 3: Norway, April 2014
      - Partners, associated partners
    - Final GA: France, April 2015, All
  
  - Presentation of WPs management.
    - One co-coordinator for each WP as deputy is requested.
    - Meetings are organised by team but not contractual. The coordinator asks for internal activity reports in M9 24 27 in addition to official activity report 1 & 2 (M18, & 36) for the EC and the final activity report in Month 48.
    - **To be approved by vote# 3.**
    - Reminder of WP leaders role and responsibility: see slide
  
  - Advisory committees
    - SAC and FCT roles: see slide
    - **Vote #4: members of the SAC to be approved as follow:**
      - 1) Dr. Janet Newton, biological oceanographer, P.I. at the University of Washington
      - 2) Dr George Zodiatis, Physical Oceanographer, University of Cyprus.
      - 3) Dr. Richard Dewey, Physical Oceanographer, University of Victoria, Canada.
      - 4) Dr Hans Dalhin, Director of EUROGOOS
      - 5) Dr Roger Proctor, Program Leader, IMOS, University of Tasmania, Australia
    - **Vote #5 members of the FCT board to be approved as follow:**
      1. Glenn Nolan
      2. Yannick Aoustin
      3. Franciscus Colijn (Univ Kiel - Ferrybox)
      4. Laurent Mortier (LOCEAN - glider)
      5. Alicia Lavin (IEO – fixed platforms)
      6. Secretary French “pôle Mer”, association of SME’s in marine R & D
    - Trans national access (TNA)
- TNA selection committee (Vote #6)**
1. The WP8 leader, Stefania Sparnocchia.
  2. The coordinator: P Farcy.
  3. The WP1 coordination team : P Morin, D Durand, I Puillat.
  4. The 5 SAC experts(Newton, Zodiatis, Dewey, Dalhin, Proctor)
  5. The 3 FCT board experts (Colijn, Mortier, Lavin)

The TNA time scale is presented in slides

- Other topics: see slides

List of associated partners

Jerico web site: still under construction, to be operational by end of June. A temporary web site is working: <https://sites.google.com/site/jericofp7/home>

Email: jerico@ifremer.fr.

## **2.2. SESSION 2: short words on other projects**

- Talk from Richard Lampitt (no slide):

End of Eurosites project

Next step: I3 built upon ESONET EUROSITE Carbocean

The call includes key word such as “Fixed platform”, “Open ocean”

R. Lampitt is here today as NOCS representative but also to ensure links with JERICO for next I3 proposal.

- Discussion

P. Farcy: where is the limit between coastal zone and open ocean?

This is collaborative point to discuss as well

L. Mortier: we can use glider to joint both area

Presentation of the GROOM project in a few words

Awarded in FP7, PO= A. Robin

Should start in beginning September or October according to negotiations.

R. Lampitt

Attention next I3 proposal: it is not Eurosites only, it is actually including ESONET etc...

## **2.3. SESSION 3: The contract Management overview by D. Gueguen (Ifremer)**

Hereafter are some important information extracted, slides are accessible at <https://sites.google.com/site/jericofp7/home/kick-off-meeting-24-25-may-2011>

- Contract

Contract period 1/05/2011 – 30/04/2015

3 reporting periods (2x18 M+ 1x12 M)

- Project funding

Budgeted costs: 8931707 €.

Grant 6.5M€.

Important: reference is the budget in the contract not in the negotiation document.

Information is in final GPF file.

Possibility to transfer budget in between activities only if the work foreseen in the DOW is achieved.

Pre-financing:

- First Pre financing = 55% of the total grant transferred to the coordinator = 3,575 M€
- = a pre financing of 3.9M€- 5% for guarantee

Ifremer will also deduct the cost of support activity (access costs of WP7 and WP8) for the beneficiaries contributing to these activities in a first step.

The part of the pre-financing corresponding to access costs, will be paid:

- after the return of the questionnaire to the coordinator for WP7,
- after the internal calls according to the infrastructures chosen by the selection committee, for WP8.

**This procedure is to be agreed by two votes (for WP7 and WP8) proposed at the end of this morning session.**

The pre funding can be paid as all partners provided signed form A, but the coordination still needs the bank account information, IBAN + signed dedicated form

- Further payments: see slide
- Project reporting see slide

Slide 22: template for details costs: the coordination will have to verify the concordance of numbers in between forms

Remarks from A Robin, Project officer:

- (1) distribution of Men Month per WP and per beneficiary in order to compare with the DOW, this is personal expectations of AR;
- (2) Then the financial officer needs financial statement in between costs categories and per group of activities (so need to know per WP).

- Costs:

Reminder of definition of eligible: actual and incurred during the duration of the project.

Cost: indirect cost calculated in accordance with the method chosen by each contractor.

### **Questions and Comments:**

Ingrid Puillat: Cost for audit certificates incurred after the end of the contract? Eligible?

A. Robin: yes, during 2 months (to verify)

Where can we get the presentations?

The presentation will be available on the temporary website :

<https://sites.google.com/site/jericofp7/home/kick-off-meeting-24-25-may-2011>

## 2.4. SESSION 4: Presentation by A. Robin, EC project officer

A. Robin presented the EU perspectives with a target of Europe in 2020. One aim is to better involve the private sector.

An important remark is given on integrating activities and networking activities: it is recommended to start now to think about a sustainable structure for the future, not to wait for the call opening to update the existing infrastructure or to think new infrastructures. We must be already ready and in process.

Key messages:

- to be sure that the services offered are well serving the research community (for instance developed sensors),
- link with EMODNET to be ensured

Question of access cost and CFS: if the cumulated cost > 375k€ including estimated access cost, the certificated is requested but the amount certified will not include the estimated amounts.

Presented slides are at address:

<https://sites.google.com/site/jericofp7/home/kick-off-meeting-24-25-may-2011>

## 2.5. VOTES SESSION

Presentation of the 8 proposals to vote,

**VOTES**

- #1: David Hydes, NERC representative in the Steering committee
- #2: EEA and Marine board representatives are permanent invited members of the Steering Committee
- #3: The GA approve to do internal activity reports (including financial aspects) in Months 9, 24 & 27
- #4: The GA approves the SAC constitution.
- #5: The GA approves the FCT board constitution.

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**VOTES**

- #6: The GA approves the Selection panel for TNA call constitution.
- #7: The GA approves the proposal of the Coordinator to delay the payment of the advances for WP7 activities till the partners have defined the data provided (month 10).
- #8: The GA approves the proposal of the Coordinator to delay the payment of the advances for WP8 activities till the partners will be selected by the selection committee (month 12)

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Vote forms duly completed and signed are requested to be returned back before the afternoon session.

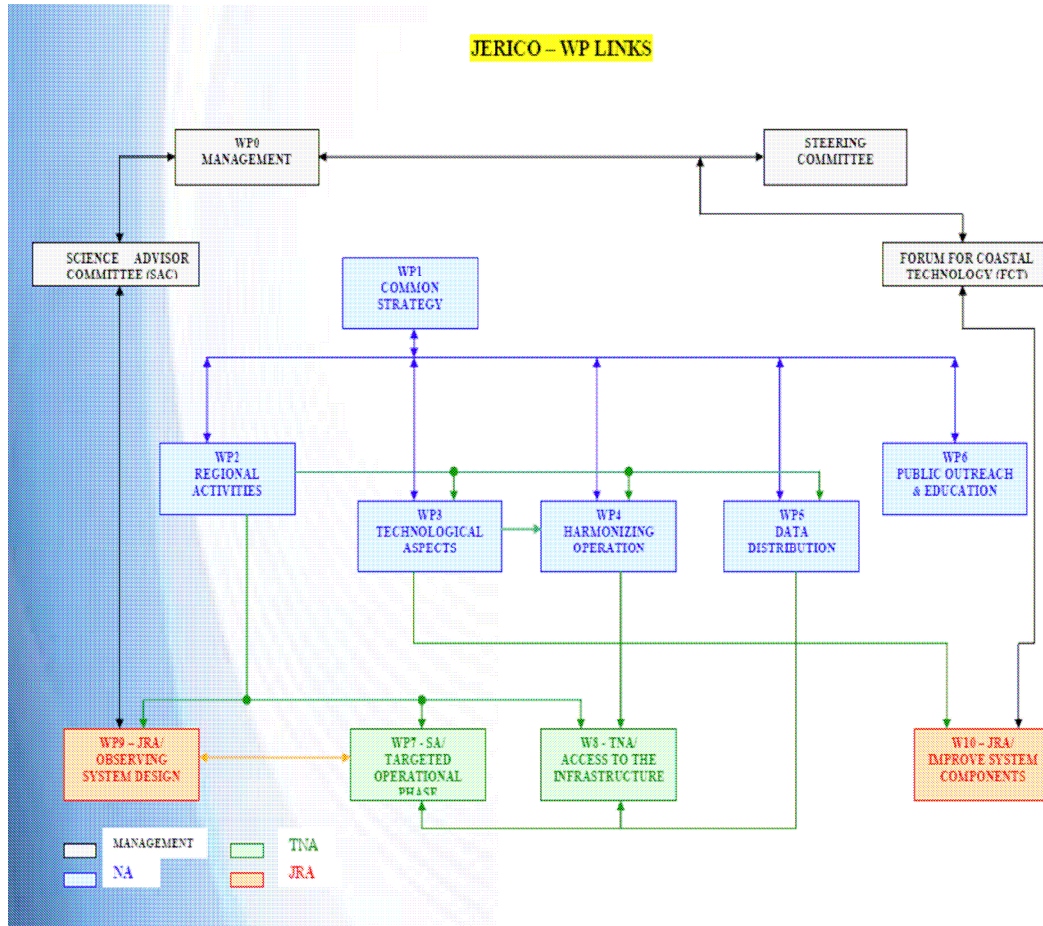
All the proposals are accepted. For proposal #3 (internal activity report), only two internal reports are approved: Months 9 and 24.

The coordinator propose to the partners to vote on following decisions :

			<b>Yes</b>	<b>No</b>
<b>Vote #1</b>	David Hydes, NERC representative in the Steering committee		24	0
<b>Vote #2</b>	EEA and Marine board representatives are permanent invited members of the Steering Committee		24	0
<b>Vote #3</b>	The GA approve to do internal activity reports (including financial aspects) in Months 9, 24 & 27	Approval for 9 and 24	24	0
<b>Vote #4</b>	The GA approves the SAC constitution.		24	0
<b>Vote #5</b>	The GA approves the FCT board constitution.		24	0
<b>Vote #6</b>	The GA approves the Selection panel for TNA call constitution.		24	0
<b>Vote #7</b>	The GA approves the proposal of the Coordinator to delay the payment of the advances for WP7 activities till the partners have defined the data provided (month 10).		24	0
<b>Vote #8</b>	The GA approves the proposal of the Coordinator to delay the payment of the advances for WP8 activities till the partners will be selected by the selection committee (month 12)		24	0

### 3. Main report: Day 1, Afternoon

Overview of WPs activity:



## JERICO Networking activities (NA)

- **WP1 : A common strategy, including definition and implementation aspects**
  - WP coordinator INSU + Ifremer & NIVA
- **WP2 : Strengthening regional aspects**
  - ROOS aspects and inter regional interfaces
- **WP3 : Harmonizing technological aspects**
  - Observing systems : fixed station, ferrybox, gliders
- **WP4 : Harmonization operation and maintenance methods**
  - Fouling, calibration, quality control, maintenance and costs
- **WP5 : Data distribution (Seadatanet and MyOcean)**
- **WP6 : Public outreach and education**

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## JERICO TNA & JRA

- **WP7 : Service Access (SA) to the data**
- **WP8 : Trans National Access**
- **WP9 : OBSERVING SYSTEM DESIGN**
  - How to optimize the network : OSE, OSSE
- **WP10 : IMPROVE THE SYSTEM COMPONENTS**
  - monitoring of key biological compartments and processes
  - Developments and implementation on new platforms of physico-chemical sensors
  - Emerging technology : profiler, ship of opportunity (Recopesca, CANOE)

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### 3.1. **WP1 presentation tasks 1.1 to 1.6 by D. Durand (NIVA) and C. Heip (NIOZ)**

Slides: <https://sites.google.com/site/jericofp7/home/kick-off-meeting-24-25-may-2011>

The WP will be managed by a science coordination team composed by :

- Pascal Morin, CNRS (WP1 leader)
  - UPMC & IUEM – Roscoff
  - Coordinator of the ferrybox activity
  - Coordinator of the French coastal fleet committee
- Dominique Durand, NIVA
  - Head of Dept. Oceanography and Remote Sensing
- Ingrid Puillat, Ifremer
  - PhD in Oceanography
  - Deputy then coordinative of ESONET/NOE

#### **WP1: A Common Strategy**

Prepare for the future European Network of operational coastal observatories (OCO)

- better pan-European coordination
  - increased harmonization
  - agreement on deployment strategy
- ⇒ to define a “JERICO label”  
⇒ to sustain networks with label  
⇒ to provide opportunities  
⇒

**Ultimate goal ... Roadmap for future implementation and deployment of OCOs in Europe.**

WP1 ... Integrating activities:

- define rule for better coordination
- defining gaps in existing OCOs
- Launch a European strategic view for OCO
- Creating the Jerico label
- Organizing a Forum for Coastal technology
- Provide cross-regional integration and demonstration
- Promote open access to JERICO network
- Suggest a roadmap for a deployment strategy
- Coordinating networking actions for optimal integration of knowledge and consensus

- Specific Focus ob Task 4: Definition of a strategy and interfaces with biodiversity observatories

Presented by Carlos Heip (NIOZ):

Why? What? Where? How? => One observation network for biology and physics!

Context:



Royal Netherlands Institute for Sea Research



## Biodiversity Observation

### Biodiversity Observation in JERICO

Carlo Heip

- Small feasibility Study for Coastal Biodiversity Observation
  - Why, what, where?
  - How?
  - One observation network for biology and physics!
- Context
  - GEO-BON WG 5 Marine Biodiversity
  - EBONE 2 (2012 call)
  - Life Watch (WALTER), EMBCR
  - EcoBOS proposal?
  - EMBOS (COST Action)
  - EMODNET Biology
  - EuroMarine
- WP10 in JERICO
  - Why decision to move to WP1?

- GEO-BON WG5 Marine Biodiversity
- EBONE 2 (2012 call)
- Life Watch (WALTER), EMBCR
- EcoBOS proposal?
- EMBOS (COST Action)
- EMODNET Biology
- EuroMarine

All these activities have links with coastal observatories. A an example, Life Watch mixes data from ferrybox and phytoplankton continuous recorder

#### ➤ Task 5: Roadmap for the future

Task leader: INSU, contributors: all

The main objectives of the Roadmap are to:

- Synthesize outcomes from all other WPs
- Translate outcomes from FCT into recommendations
- Establish a GIS map for the future European network of OCO
  - Based upon the gap analysis (WP1 &2), network optimization (WP9) and new observing potentials (WP10)
- Contribute with recommendations to the ERAnet SEAS-ERA
- Disseminate recommendations to targeted stakeholders through an open seminar

#### **Questions and Comments:**

Why the Biodiversity task is in WP1 and not in WP10?

Because it is a strategic task. One output product of this task is the answer to the question: Can we upgrade the current and future coastal observatories to monitor some new parameters for the biodiversity community?



### 3.2. **WP2 presentation by H. Wehde (IMR)**

Slides: <https://sites.google.com/site/jericofp7/home/kick-off-meeting-24-25-may-2011>

#### **WP2:Strengthening regional and Trans-regional activities**

More information is available on pages 12-14 in the Description of Work.

The main objectives are:

- to make an inventory of existing facilities;
- to identify data needed;
- to identify the gaps
- to demonstrate the feasibility of inter-regional processes;

#### ➤ Task 2.1

- The chairs of the GOOS Regional Ocean Observing Systems in Europe were noted. GOOS is the acronym for the Global Ocean Observing System (UNESCO-IOC). For BOOS Urmars Lips, Estonia, is the new chair. Irene Lake, SMHI will represent BOOS in JERICO
- One of the tasks is to establish an inventory of existing observing systems. Information is available in e.g. Seprise, EEA and Edios but should be updated. The Integrated Pan European Atlas will be of use for many other WPs in the project

A close collaboration will be held with EUROGOOS and MyOcean

#### ➤ Task 2.2

- Demonstration of a transport product. Two types of products could be combined:
  - Model product from NOOS on transport between different areas of the North Sea. See <http://www.noos.org>
  - Product based on observations of currents. In practice this means ADCP measurements of currents along a transect. Few of these exist.
- River runoff model results on a European scale using the model E-HYPE. Chantal Donnelly, SMHI, will lead this part of WP2.
  - Observation data on river runoff (water and nutrients) was requested by SMHI who had developed and operates E-HYPE.
  - It was pointed out that other models for estimation of river runoff exist. Observational data for river runoff used by OSPAR are available at the University of Hamburg

We have the opportunity to compare E-HYPE with the eutrophication data in order to get input to the MFSD good quality water status. It is strongly suggest to make E-Hype as operational system.

The main deliverables are the report on existing facilities and the cross regional integration.

We need to have a better interface between WP2 and WP5 for data integration.

An annual meeting will be organised; the next one will be in Sopot, in October, during the EUROGOOS conference.

### **Questions and Comments:**

P. Farcy: we do not have to reinvent the wheel: state of arte needed and gap identification as well. Need to identify interactions in between OOS.

Cooperation with WP5 (data management) was encouraged.

It was mentioned that there were many actors missing in the list of partners involved in WP2.

The approach for the WP was to take advantage of the EuroGOOS ROOS structure by addressing the chairs of the specific ROOS/regional alliance to coordinate the activities in the regions. These were naming institutes responsible for the work, or taken responsibility self.

Connection to MyOcean InSitu Tac was discussed. S Pouliquen: task 2.2.1 collaboration with My ocean suggested to be well taken in account.

A more detailed DoW of the task WP 2.2 was requested: objectives of Task 2.2.2 are to be clarified. To have good model results we need good parameters boundary condition, and now we do not have good enough values of fluxes (Nutrient) for instance. The model is done for watershed because of the WFD directive, we need to tools to integrate and interpolate to work on coastal area and oceanography.

Coordination of activities between WP2, 3 & 4 was accounted to be necessary but that is already ongoing, by the onset of developing a common questionnaire for the WPs 2, 3 and 4.

### **3.3. WP3 presentation by Wilhelm Petersen**

Slides: <https://sites.google.com/site/jericofp7/home/kick-off-meeting-24-25-may-2011>

#### **WP3: Harmonizing Technological aspects**

- First JERICO- FB workshop:  
30-31. Aug 2011 (two full days) at HZG in connection with the 4<sup>th</sup> International FB-Meeting (1-2. Sept). Organizer David Hydes and Wilhem Petersen.
- First workshop on fixed platforms has been scheduled for March 2012, if possible in connection with a MOON meeting in the Mediterranean area. To be organized by Stefania Sparnocchia and Dave Mills.
- Changes of task leaders:
  - T 3.1. (Ferrybox) **David Hydes** instead of Boris
  - T 3.2 (Glider) **Simon Ruiz** (no changes)
  - T 3.3. (Fixed Platform) **Naomi Greenwood** (CEFAS) instead of Stefania (CNR)  
Stefania will take over the responsibility for subtask 3.3.2 (workshops on fixed platform)
- Brainstorming for a joint questionnaire for WP 2-4 during the meeting (Henning Wehde, Dave Mills, Kathryn Keeble, Stefania Sparnocchia, David Hydes). First draft will be circulated by Willi within the next days

- Discussion group concerning JERICO FB-workshop (Seppo, Jukka, David H., Kai S.,)  
Notices will be circulated by Wilhelm and further complemented by the participants.

**THERE IS A NECESSARY STRONG COORDINATION BETWEEN WP3 AND WP4,  
AND THE NEED OF COOPERATION WITH WP2 AND WP5**

**Questions and Comments:**

L Mortier: coastal ships are not included in the project.

P. Farcy : Links in between WPs, that why some common workshops are organised:  
-Best Practices workshop for all platforms together

CEFAS: pressing need to harmonize quality assurance in between different marine science fields not only between different OS & platform

**3.4. WP4 presentation by Georges Petihakis (HCMR)**

Slides: <https://sites.google.com/site/jericofp7/home/kick-off-meeting-24-25-may-2011>

**WP4 : Harmonizing operation and maintenance methods**

It gathers elements of best practice in conducting operation and maintaining coastal observatories. It is composed of 3 tasks.

- Task 4.1 Calibration

Standardize and harmonize various facilities across European networks  
Share existing calibration facilities within the network to reduce cost  
Exchange and transfer know-how within the network (through workshops, seminars, staff exchange)

Subtask 4.1.1 Physical sensors T, S, DO, Currents, Sea-bed pressure

Harmonization of calibration practices => documentation, joint calibrations exercise,  
Sharing of calibration facilities  
Dissemination of know-how

Subtask 4.1.2 Optical sensors Chl-a, Turbidity, PAR

Same objectives as 4.1.1

Subtask 4.1.3 Chemical sensors – Nutrients

Standardisation of Standard Operation Procedures (SOPs) for calibration  
Practices on analytical methods  
Sharing of facilities and inter-calibration

➤ Task 4.2 Biofouling prevention

Describe all different methods used in the network with reference to the cost adaptability

Sharing best practices and methodologies

New methods used by the community outside JERICO

➤ Task 4.3 End to end quality assurance

To describe best practices in all phases of the system (pre-deployment test, maintenance, calibration,..)

Adopt common methodologies and protocols

Move towards improved overall system quality

- Workshops ... by platform (fixed station, glider, ferrybox) together with WP3.
- Constitution of a permanent working group on calibration activities.
- Biofouling tasks need to be integrated in the common questionnaire (WP2, 3 and 4)

**Questions and Comments:** Why we need this coastal observing network? The project answers to which? but not why? Do we have a common vision ?

**THE JERICO PROJECT WILL PROPOSE A DEFINITION OF THE VISION OF THE FUTURE OBSERVING NETWORK, TO SHARE WITH ALL THE PARTNERS**

**CNR Stefania Sparnocchia**

**Comment:** In the questionnaire biofouling needs to be addressed more precisely and recommendations should be done by the experts.

**Response:** The questionnaire will be circulated to key partners for comments/improvements.

**SMHI Bengt Karlson**

**Comment:** How workshops will be coordinated?

**Response:** Workshops as proposed by the coordinator will follow a platform specific idea starting with Ferry Box followed by fixed platforms and Gliders. On top of that a common workshop will take place during the General Assembly in Heraklion on October 2012

**CEFAS David Mills**

**Comment:** CEFAS has a significant experience on nutrient sensors and should have been included in the corresponding Tasks 4.1 & 4.2.

**Response:** The activities of the WP will be open to all partners. Additionally as already mentioned a significant part of the work will be done through the workshops in which all partners will participate and contribute. Moreover after the KMO I will produce an email list with the people involved in WP4 which can be enriched with names from all partners interested on the activities.

**NERC David Hydes**

**Comment:** In the DOW the NERC is mentioned as two different centers POL and NOCS which is not correct.

**Response:** This will be corrected

**3.5. Welcome addressed by P. Vincent, General Director  
Deputy of Ifremer**

## 4. Day 2: Morning session

### 4.1. WP5 presentation by Alessandro Crise (OGS)

Slides: <https://sites.google.com/site/jericofp7/home/kick-off-meeting-24-25-may-2011>

#### **WP5: Data management and distribution**

The main objective is to design the JERICO data flow and Management infrastructure. The implementation will be consistent and complementary with the major European Initiatives. Real-time and delayed mode will be reliable, accessible and easy to distribute.

- Task 5.1: Quality assurance: create value for measured data  
=> adding value to observations by associating them with characteristics uncertainties  
Based on T,S, fluorescence/Chl ... first.
- Task 5.2: Harmonization of delayed mode data management procedures with SEADATANET  
Uniform file format (based on OceanSites NetCDF, compatibility with CF convention)  
+ distribution in ASCII flat file format (Ocean Data View).  
Full metadata generated by MIKADO for long-term use and compatible with EDIOS metadatabase.
- Task 5.3: Harmonization of Real Time data management procedures with MyOcean and EuroGOOS & the institution of data access services for JERICO TOP activities.

We'll have necessary links with: SeaDataNet, MyOcean, Emodnet Physical Parameters, EuroGOOS.

MyOcean In situ TAC has limited number of parameters: T, S, current, Sea Level, ChlA, Nutrient, Oxygen.

EMODNET: European Marine Observation and Data Network

EuroGOOS and SEPRISE Network

JERICO Coastal Observatory Network (Observing network + Web portal)

Observing network to MyOcean in-situ TAC ↔ (exchange) with Seadatanet ... and from Seadatanet to web portal

WP5 acts as mediator in JERICO Data Flow Model. The data access will be available by the EMECO-like database developed in the WP6.

#### **Actions:**

- to propose a formal agreement with SeaDataNet and EuroGOOS/MyOcean for JERICO data provision
- to find agreement with DG MARE/EMODNET for the availability to JERICO of the developments achieved.

### **Very important actions to do:**

- definition of real time and delay mode data
- what level of compatibility with MyOcean TAC, for the parameters not included in
- 

### **Questions and Comments:**

- **The Jerico project does not propose a new data management system.**
- **The Jerico portal will give access to data but through Seadatanet portal for Delay Mode and Myocean/Eurogoos for Real time data.**
- **The Jerico portal will propose specific products and access to the TOP action data.**

## **4.2. WP6 presentation by David Mills (CEFAS) and Simon Keeble (BlueLobster)**

Slides: <https://sites.google.com/site/jericofp7/home/kick-off-meeting-24-25-may-2011>

### **WP 6: Outreach**

#### ➤ 3 objectives:

- To develop a community hub and JERICO Datatool.
- To provide material for educational and information resources.
- To propose an agreed vocabulary.
- To organise 2 summer schools.

#### ➤ 6.1 Development of end-user products and services

“Jerico Community Hub” (JCH)

To enhance current web based EMECO data fusion and visualisation tools => new user interface for the general public and educational sectors

#### ➤ JERICO OceanBoard

JERICO-PROF (6.2.1) – for professionals

JERICO-PUB (6.2.2) – for general public

#### ➤ JERICO Summer Schools

6.3.1 Course 1: new technology and methodology (Netherlands, lead by Deltares)

6.3.2 Course 2: targeted toward the use of data information (Malta, lead by UOM)

### **Questions and Comments:**

How summer school and TNA could be linked? May be,, we can have session to introduce the TNA facilities and how to use them. This will be done in the first summer school in order to prepare the second TNA call. We need a link to promote the TNA call launches in the portal. Same question with the FCT. We propose that the first forum will be held together with the first summer school.

**WE NEED TO FINALISE THE ORGANISATION AND THE SCHEDULING OF SUCH EVENT (SUMMER SCHOOL+ FORUM FCT) IN SUMMER 2012;**

### **4.3. WP9 presentation by Srdjan Dobricic(CMCC)**

Slides: <https://sites.google.com/site/jericofp7/home/kick-off-meeting-24-25-may-2011>

#### **WP9 New Methods to Assess the Impact of Coastal Observing Systems**

➤ WP9 Motivation:

To provide the information on how to optimize investments and extract the most of data from European coastal Observing systems WP9 applies mathematically sophisticated methods based on statistical methods.

➤ WP9 Methodology:

3 main groups of methods (from meteorology):

- observation exclusion (traditional)
- backward adjoint integration (very efficient in operational systems)
- ensemble estimate (efficient if EnKF is used for assimilation)

8 Participants : CMCC, IFREMER, DMI, DELTARES, HCMR, HZG, MUMM, INSU/CNRS

➤ 3 tasks:

- 9.1: Scientific coordination;
- 9.2: Impact of existing observational platforms (OSE),
- 9.3: Impact of future observational platforms (OSSE)

To monitor the system (under sampled system compared to met and to forecast the system)

#### 9.1: Scientific coordination

- organise first technical meeting (M3)
- coordinate writing scientific reports (M12)
- write intermediate (M18), second scientific report ...

9.2 Impact of existing observational platforms on estimates of coastal processes by the use of high resolution coastal models: OSE experiments (Observation System Experiments)

Different seas with different techniques

9.3 Impact of future coastal observing platforms on the estimates of coastal processes by the use of high resolution coastal models: OSSE experiments (future observation systems)

#### **Questions and Comments:**

Allessandro Crise mentioned that this WP has a very important role because this kind of studies will help to share local developments. It represents an added value for coastal services. Important questions will be addressed using this methods (following Srdjan Dobricic). For example: What are connections between coastal systems? We hopefully get few answers.

It has been asked if, in this WP, the work will be addressed with other parameters than Temperature and Salinity.

Indeed, current from HF radar and gliders measurements will also be considered. However the biology is not included at this stage. The main reason is that there are not very successful

assimilation systems using biological data. In future, it will be possible. For example, a work in progress with OGS in the Med Sea has been mentioned.

Dominique Durand highlights the fact that HF radar will only be addressed in this WP. It induces a specific responsibility of this working group in the common strategy.

Terminology: the use of the acronym SST for ferrybox is not exact due to the Sea Surface Temperature (SST) is referring to skin temperature or near surface temperature from satellite data. The terminology can be debated and it should be clarified.

#### **4.4. WP10 presentation by Glen Nolan (MI) and Antoine Gremare (CNRS/INSU)**

Slides: <https://sites.google.com/site/jericofp7/home/kick-off-meeting-24-25-may-2011>

**Task10.1** development of new tools for the monitoring of key biological compartments and processes by A. Grémare (INSU)

3 applications are presented; see slides, and the related challenge in JERICO.

**Task 10.4** : Ifremer organise a half day workshop on new sensors for opportunity vessels in Brest, end of june.

#### **Questions and Comments:**

More info on last proposal, to include SPM satellite task ?

PF: this is a new task, of course it does not mean that we cannot work on it. But we cannot fund it. There was a budget reduction during the negotiation.

Answer from Glenn: MUMM and CEFAS are interested in this task. It is an open collaboration.

Pascal Morin: about new sensors ( to A Gremare) it is planned to deployed these instruments on ferryboxes or anything else?

A. Gremare: within WP10 we are not planning to get images but it still open if someone wants to do it.

Comment from HZG: what's about the flow cytometry?

It will be propose to house the cytometer in a ferrybox and on buoy. In WP10, we may make a comparison between the flow cytometer and the flowcam.

Comment from L. Mortier : do you plan to use the wave gliders (which are surface gliders)?

The answer is no for the moment because it is a very new observing system. But it may be studied in the WP10 (TBD).



## **5. Day 2 afternoon session**

### **5.1. WP7 presentation by P. Farcy**

Slides: <https://sites.google.com/site/jericofp7/home/kick-off-meeting-24-25-may-2011>

SA= service Access

Indicators and statistics

Agenda

Questionnaire to all providers in M6

#### **Questions and Comments:**

OGS: complementary in WP7 and WP8, description of the infrastructure will be available on the web site.

S. Pouliquen: the definition of the data sets for the TOP activities is not clear enough. These data will not be available through MyOcean or Seadatanet portals. You need to define exactly how these data sets will be structured and where it will be accessible and how.

**IT IS AN ACTION TO DO IN THIS WP. THE DATA SETS WILL BE AVAILABLE THROUGH THE JERICO PORTAL.**

### **5.2. WP8 presentation by Stefania Spanocchia (CNR)**

Slides: <https://sites.google.com/site/jericofp7/home/kick-off-meeting-24-25-may-2011>

#### **1. Opening**

P. Farcy, the Project Coordinator invites S. Spanocchia to the lectern to give the presentation on WP8 (“TNA Activities”) of JERICO (KOM agenda item 25).

#### **2. As regards the presentation**

⇒ Infrastructure network: fixed platform + ferrybox + fishing vessels + gliders

#### **ACCESS to infrastructure ...**

ACCESS modalities:

- remote: user’s presence not required
- Partially remote: user’s presence required at some stage (e.g. installation)
- “in person/hands on” user’s presence is required/recommended during the whole operation period.

ACCESS provision

Access is granted to user-projects, selected through international calls by an independent panel of referees  
Access opportunities and calls widely publicised  
Access provision will be documented

Action 1: Setting up selection panel

JERICO TNA – Selection schedule

⇒ CALL opening 1<sup>st</sup> call Dec 2011 – 2<sup>nd</sup> call Dec 2012

Action 2: Drafting the call  
Action 3: Drafting the guideline for evaluation  
Action 4: TNA WebPages implementation

Budget ...

Cost of infrastructure => Unit of access (1 buoy for 1 month, or 24h day for other infrastructure as ferrybox) => Unit cost

### 3. Question time

W. Petersen asks if it would be possible for one JERICO Partner to apply for access to the TNA infrastructure offered by another JERICO Partner, particularly if the partner runs a similar infrastructure. S. Sparnocchia, recalling slide #6 of the presentation, replies that there should be no problem - provided that the two partners did not belong to the same State - although priority would be allotted to requests by parties who have not previously used the infrastructure, and are working in countries where such an infrastructure doesn't exist.

L. Mortier inquires as to the effectiveness of advertising the opening of the JERICO TNA calls solely on the project Web Page. S. Sparnocchia replies that the idea was to publicize the opening of the calls widely by any means possible including dissemination via the institutional websites of the Partners and by means of mailing lists

R. Lampitt says that, if he understood it right, then the only type of access that could be accorded by a Partner putting up infrastructure for TNA within JERICO to another Partner from the same State would have to be of the "remote" kind – essentially, access to data. He also points out his confusion if this was the case because of his understanding from the earlier presentation of WP7 ("Services and Data Access") that JERICO data was "open and free". S. Sparnocchia tries to explain that TNA refers to access by Users to JERICO infrastructure elements, i.e. to physical components, and not to data. This picture of TNA is then described by P. Farcy at great length.

Towards the end of his discourse to R. Lampitt, P. Farcy remarks that, under TNA, there could be no access to a sensor that did not belong to the User (e.g. a sensor and/or data which are the exclusive property of a third party). On hearing this, H. Dalhin makes a statement that limiting access to sensors is not a positive signal to the scientific community at large. This is followed by an extensive discussion where S. Sparnocchia and P. Farcy try to clarify the meaning of TNA. P. Farcy highlights the difference between data and installations, and explains that the rules for the TNA are emanated directly by the EU. S. Sparnocchia uses the example of the ELETTRA Synchrotron Laboratory in Trieste, Italy, and the CERN Large Hadron Collider in Geneva (Switzerland) to try to explain the concepts of non-disclosure and exclusivity of access. L. Mortier makes a further attempt at clarification regarding the matter. Referring instead to Lampitt's question, S. Sparnocchia points out the possibility of using remote access to an infrastructure in different ways, e.g. one user could ask to install its own sensors on an infrastructure and then access them remotely to obtain the produced data.

P. Testor asks for another example of TNA. S. Sparnocchia explains that TNA deals not only with data production but also with the possibility of using testing facilities: e.g. a probe producer may take advantage of the Jerico infrastructure using a calibration laboratory involved in the TNA calls.

R. Lampitt interrupts, reiterating his continuing confusion, and commenting that TNA activity, if structured the way it is, is destined to be a disruptive force in any kind of I3 project because it would tend to create tension and misunderstanding amongst Partners.

B. Karlson asks if two JERICO Partners from different States offering ferryboxes for TNA could apply for access to each other's ferrybox reciprocally, and whether it would be possible

to make a request for access to a Partner's infrastructure without going through the process of the TNA call, i.e. outside the framework of the Project. S. Sparnocchia answers yes to both questions, recalling her previous remark on priorities (slide # 6)..

I. Puillat says that understanding how to deal with TNA is important in order to be able to explain it to the administrative staff of the Partners who will be working on the Project so that there would be closer collaboration while resolving problems. S. Sparnocchia says that this is something that should be promoted at the management level of the Project and not by the WP8 Leader. G. Petihakis says that most administrations probably already have the necessary experience seeing that JERICO would not be the first I3 project that they have been called upon to handle.

D. Guégen explains how to deal with the costs in TNA as he had already done during his presentation on "The Contract Management Overview".

G. Nolan asks whether it would be possible to have a synopsis of the rules and regulations governing TNA activities in FP7 projects. S. Sparnocchia replies that it would be wiser for each partner to go through the official FP7 guidelines pertinent to the subject individually because of the impossibility of realizing some sort of "standard" template.

#### 4. Closing remarks

P. Farcy asks that a working synopsis of TNA rules be prepared, and that the e-mail addresses of the managers of the infrastructure being offered for TNA activity in JERICO be circulated. To enable Trans-National ... free of charge access

Documentation:

[http://cordis.europa.eu/fp7/capacities/research-infrastructure-doc\\_en.html](http://cordis.europa.eu/fp7/capacities/research-infrastructure-doc_en.html)

[ftp://ftp.cordis.europa.eu/pub/fp7/capacities/docs/ta\\_reporting\\_instructions\\_final\\_en.doc](ftp://ftp.cordis.europa.eu/pub/fp7/capacities/docs/ta_reporting_instructions_final_en.doc)

<ftp://ftp.cordis.europa.eu/pub/fp7/capacities/docs/reporting-ta-service-activities.pdf>

Example web page:

[http://www.jerico-fp7.eu/Transnational\\_Access](http://www.jerico-fp7.eu/Transnational_Access)

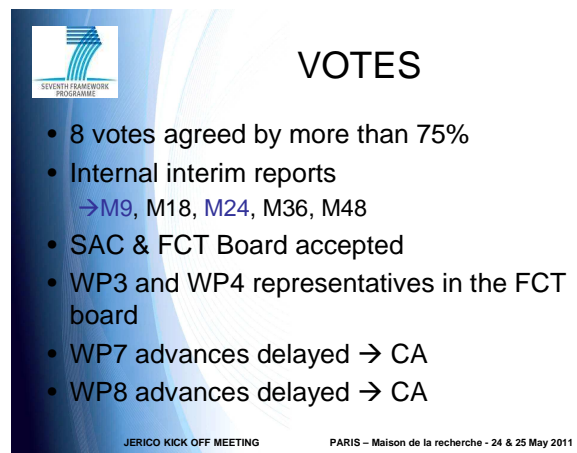
### 5.3. Actions & Conclusions



**Consortium agreement**

- New version → end of this week
- Last comments from partners  
→ 6 June
- Last CA version to partners  
→ 15 June
- Signed CA back to Ifremer  
→ 30 June


JERICO KICK OFF MEETING PARIS – Maison de la recherche - 24 & 25 May 2011



**VOTES**

- 8 votes agreed by more than 75%
- Internal interim reports  
→ M9, M18, M24, M36, M48
- SAC & FCT Board accepted
- WP3 and WP4 representatives in the FCT board
- WP7 advances delayed → CA
- WP8 advances delayed → CA


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## VISION

- Good question from Dave
- We need to have a common one ...
- ... and a common vocabulary !
  
- Can we propose something ?
- Dave, Dominique ...


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## STRONG LINKS

- between WP5, 6 and 7  
Need to be coordinated with the coordination team
- between WP 2, 3 and 4  
With coordination team to have a coordinated approach  
Questionnaire to be address before end of june to have first feedback during the Brest Symposium  
Georges and Willi task force to organise the common workshops
- between WP1, 9 and 10 with the coordination team


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## Jerico website and Summer schools

- To be ready at the end of June
- Partners information, contacts, objectives
- TNA infrastructures SA/data presentations
  
- Summer schools :
  - Define exactly the objectives and the programme to finalise the dates
  - Take into account the TNA

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## WP “Dow” and Calendar

- Need to have Dow per task with actions,
  - Who do what and when
  - Associates the coordination team
  - Calendar of meetings, ... main key points

WP2 – WP3  
WP5/WP7 : Possible modification of the activity due to the new ERA in data management


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## WORKSHOPS

- Objectives and agenda of the first ferrybox meeting in august :
  - Forecast ½ day of WP3/WP4 meeting to discuss on WP3 and 4 Dow
- A common organisation between Georges and Willi
- Linked with the community events
- Planning and objectives to be discussed with the coordination team

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## KOM

- A LOT OF WORK YET DONE
- WE ARE IN THE DEFINITION PHASE AND SOMETHINGS NEED TO BE TUNED
- WE START FOR 4 YEARS
- WE NEED A COMMON VISION AND FOCUS ON THAT VISION
- MANY THANKS TO ALL AND HOPE WE'LL DONE A VERYGOOD WORK

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**END OF THE KICK OFF MEETING**