

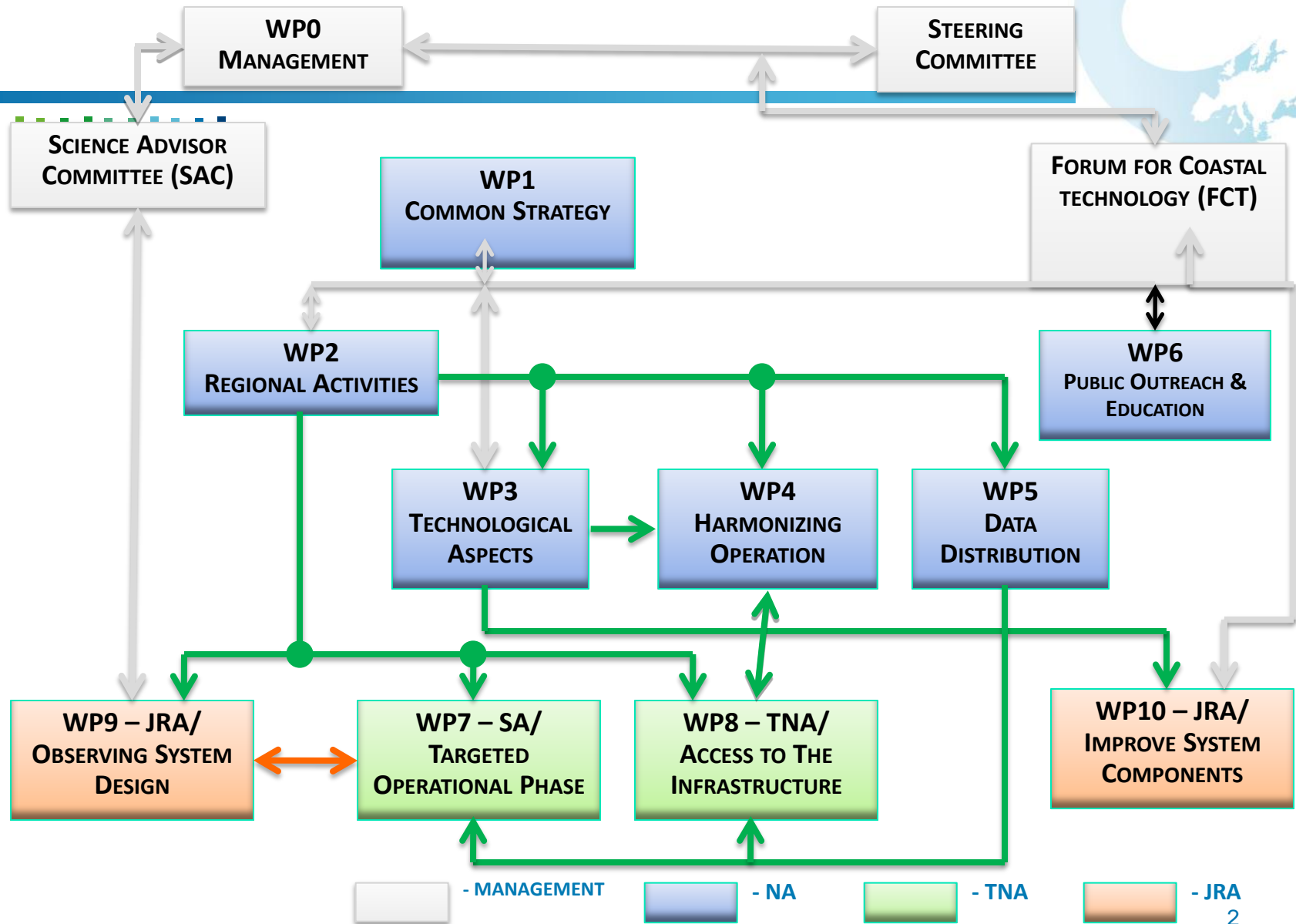


JOINT EUROPEAN RESEARCH INFRASTRUCTURE NETWORK FOR COASTAL OBSERVATORIES

# Workshop on gliders

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# JERICO WP SCHEME



# Harmonizing technological aspects



*To provide a common base for the operational use of FerryBox, **glider**, fixed platforms along European coasts*

*To review the current status of existing systems in operational use in European seas*

*To define the best technical practices for compatible, robust and cost-effective systems*

*To define procedures for harmonizing and merging quality assessed Platform data at regional (ROOS) level*

*To define procedures and technological solutions for integration and testing of new sensors on these systems.*

# WP3 (HZG)

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## *3.2 Gliders (CSIC – IMEDEA)*

*Review on current status of glider operations in Europe with EGO network → GROOM*

*Define the best practices for gliders operation, in coastal areas (close to GROOM 5.4)*

- . Mission preparation, energy supply*
- . Sensor housing and characteristics*
- . Quality control*

*Strategy for operation in shallow water ...*

# WP4 (HCMR)

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## *CALIBRATION PRACICES*

*PHYSICAL SENSORS*

*OPTICAL SENSORS*

*CHEMICAL SENSOR*

## *BIO FOULING PREVENTION*

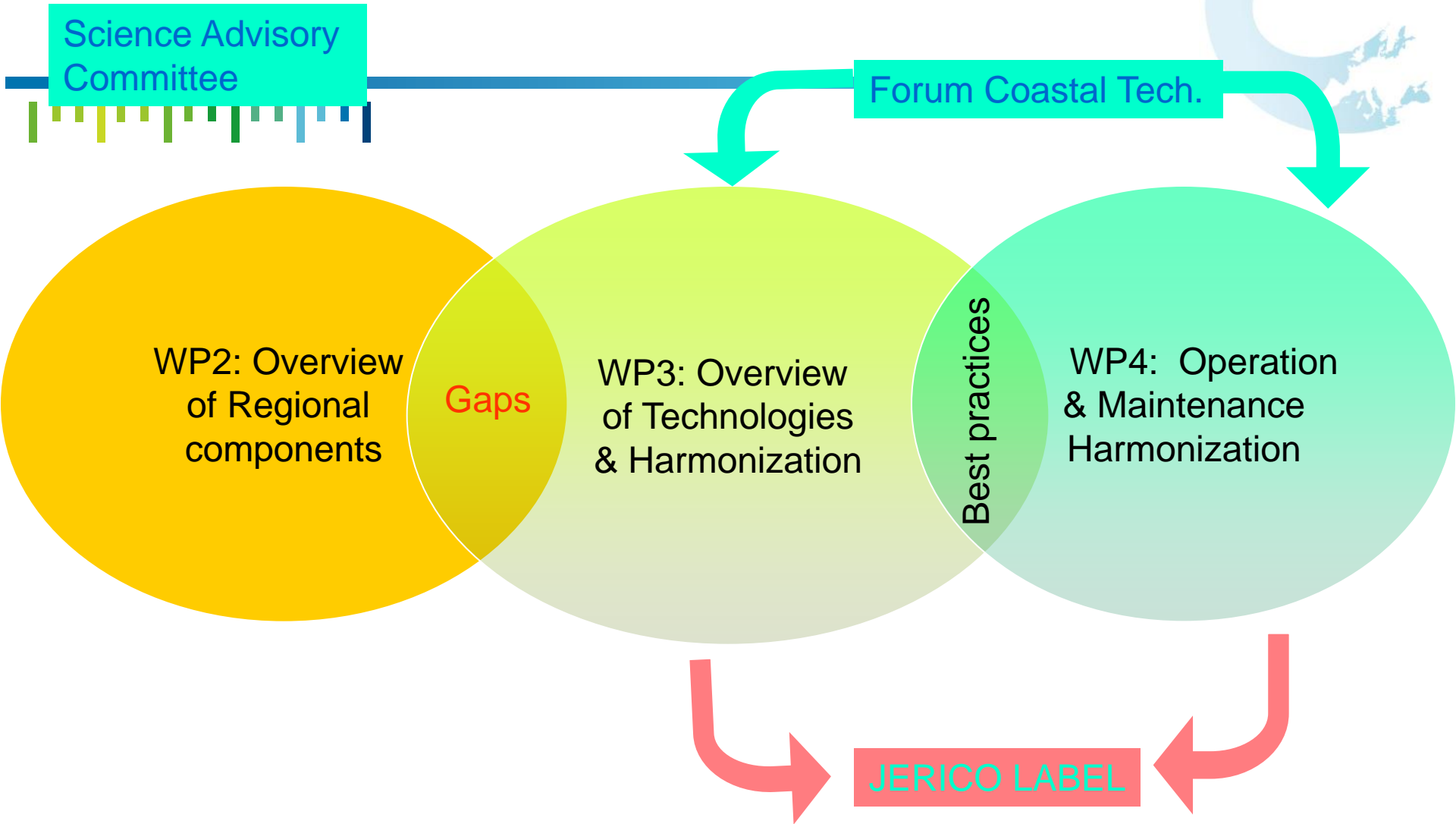
## *END TO END QUALITY ASSURANCE*

*TASK 4.3.3 GLIDERS (CSIC-IMEDEA)*

*TASK 4.3.4 Running costs (HCMR)*

*(→ GROOM WP5)*

# Coordination of NAs



# The Trans National Infrastructure Network



**Ferrybox**

**Fixed platforms**

**Gliders**



Ocean Data View

# Glider facilities

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*CSIC – IMEDEA*

*CNRS – DT-INSU*

*NOCS*

*HZG*

*2 TNA calls*

*Scientific proposals based on excellence*



# Main Jerico events in 2011



- *Kick off meeting in May : minutes available*
- *1st « ferrybox » workshop in August : minutes*
- *Meeting with JPI in October :*  
*action to coordinator to identify the Jerico outputs as inputs for the JPI “OCEAN”*
- *Kick off meeting GROOM in November*

# JERICO WORKSHOPS in 2012



- *Calibration facilities – SYKE – February*
- *Fixed stations – CNR – 29/02 to 01/03 ROME*
- *Gliders – CSIC – 21 to 23/05 PALMA*
- *SC and General Assembly – HCMR - 1st week of October – Crete*
- *2<sup>nd</sup> best practice workshop (all observatories) - HCMR - 1st week of October – Crete*

# JERICO Objectives



*The objectives of the workshop are to review current status of operations and to take forward developments of gliders operations supported by JERICO work packages WP3 and WP4.*

- 1. Overview of existing Gliders systems in Europe.*
- 2. Review of the current status of gliders operations within the evolving network of European marine sustained (operational) monitoring activity.*
- 3. Review development of appropriate new sensors.*
- 4. Plan development of recording of best practice procedures for glider operations (sensors, calibration, maintenance, operation, data recovery).*