

# Updates on Marine Board activities With regard to infrastructures

**ERVO 2009 meeting**

Copenhagen, 14-15/05/09

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## Content

- **General EU updates**
- **MB interactions with the infrastructure component - *Projects & Initiatives***

## General EU updates (1)

- **European Marine & Maritime Research Strategy**
  - Building new infrastructures, exploring new financing scheme
  
- **ESFRI**
  - Importance of RI for regional development (ESFRI WG)
  - 2<sup>nd</sup> version of the ESRI roadmap:
    - ✓ Svalbard Arctic earth observing facility
    - ✓ European Marine biological resource centre
    - ✓ European plate Observing System
  - Development of a European legal framework for RI (to provide legal status in all MS – facilitate joint establishment / operation of RI)
  
- **RV Aurora Borealis**
  - Development supported by FP7 ERICON project (4.5M€), coordinated by the ESF-European Polar Board (EPB)
  
- **ERA-Net on maritime technologies – MARTEC**
  - Call (deadline 29th May)

## General EU updates (2)

### FP7 calls for Integrating activities

- Suggestions for topics (call July/Sept09)
  - *RI for natural hazards (seismology)*
  - *RI for hydraulic research*
  - **Research network of sites/platforms for multidisciplinary research and data collection**
    - **RI for Polar research**
    - **RI for coastal research**
    - *RI for water resource observation*
  
- Suggestions for topics (call Jan09)
  - *SEADATANET II*
  - *Carbon cycle observation*
  - *Biodiversity research*
  
- Suggestions for topics (call Jan12)
  - **EUROFLEETS II**
  - *Research aircrafts*
  - *Mesocosm studies*
  - *Earth system modelling*
  - *Natural history collection*

## MB interactions with the infrastructure component (1)

- **Projects**

**EMAR<sup>2</sup>RES project** - *European MARine and MARitime REsearch and Science*

- Keywords: **Competitiveness & Climate Change**

Coordination: CESA (Waterborne TP);

5 partners incl. Marine Board: as the sole “marine” partner

- Objectives:

- exploiting **synergies** between marine and maritime research communities (e-navigation, ballast waters, etc);
- setting a **Policy Interface Panel (PIP)**

- Foreseen start in autumn 2009; 28 month; 500k€
- MB attends Waterborne meetings (& vice versa)

## MB interactions with the infrastructure component (2)

- **Projects**

### MarinERA (ERA-NET)

- MarinERA call: 4.8 m€ : 5 projects funded (North Sea, Med)
- Currently drafting a final report based on outputs from MarinERA infrastructure meetings/fora
- 3rd networking meeting on marine sensors technologies (FA, SMEs, researchers): key recommendations
- 3rd and last Infrastructure Workshop was “« *Towards a long-term and sustained European network of coastal observatories*”
  - ▶ Enabled to constitute a consortium to respond to the July/Sept09 call on Coastal Research – **JERICO**
    - ➔ Regional approach (from acquisition to dissemination of in situ data) in context of MFSD, WFD
    - ➔ Better use RV, fishing boats and Ships of opportunity (ferrybox systems) for systemic seawater monitoring
    - ➔ instrumentation task on re-activating EURO-ACT (EU market, fora SMES/academia/user)
    - ➔ common procedures for measurement protocols, sensors

## MB interactions with the infrastructure component (3)

- **Projects**

### **SEAS-AREA (FP7 ERA-NET proposal)**

#### **= overarching marine ERA-NET**

*Towards integrated European marine research strategy and programmes*

Proposal submitted in April 09: 2m€, 3 years

Coordination: MICINN (Spain); 23 partners incl. Marine Board

#### Objective:

- regional approach
- marine overarching platform for Research Funding Organisations,
- Develop and implement common research programmes (incl. infrastructures)

Status: evaluation ongoing

## MB interactions with the infrastructure component (4)

- **MB European Scientific Diving Panel (ESDP)**

- Endorsed as MB panel in Autumn 2008
  - ESDP Kick off meeting 5 December 2008:
  - Common statements on ESDP operational mode & definition
  - Exchange updates on national Diving Committees
  - Enquire about EU guidance in terms of training issues,
  - Develop a database & portal, dissemination materials
  - latest publication in the [American Academy of Underwater Sciences](#)
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- Strengthen links with ERVO (scientific diving from boats...) and other EU groups/initiatives;

## Updates on MB WGs

### Latest MB position papers

- *The Effects of Anthropogenic Sound on Marine Mammals Marine Board-ESF Position Paper 13*
- *EMODNET – The European Marine and Observation Data Network*
- *Future Looks – Strategic Analyses for New Activities*

### Current WGs (publication foreseen Autumn 09):

- **Chemical pollution**
- **Ecosystem approach to management**

### In preparation:

- **MPAs**
- **BioTechnology**

**Thank you  
for your attention**

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