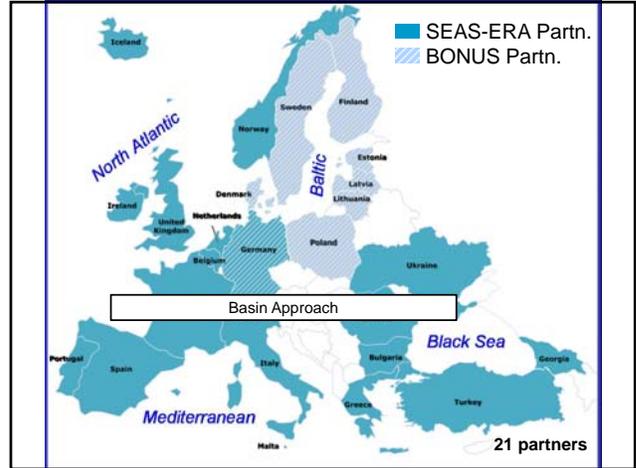




“Towards integrated European marine research strategy and programmes”

The overarching objective of **SEAS-ERA** is to facilitate the establishment of a stable and durable structure for strengthening **cooperation** on marine research across the European Sea Basins

Joan Albaiges & B.Morales-Nin




Main objectives - 1

- Mapping of existing national/regional research programmes and related strategic priorities, thus contributing to setting up a **European Marine and Maritime Research Agenda**.

Strategic planning



Strategic Research Agendas

High Level Objectives and Benefits

- Produce **new knowledge** and promote excellence in Marine Science
- Contribute to **sustainable development** by bridging gaps between science and society with emphasis on **Knowledge**
- Support **innovation** and **Policy support** with emphasis on the Marine Strategy Framework Directive (MSFD)
- Develop **convergence** approaches with emphasis on north-south leading citizen scientist involvement

Strategic Research Agendas

Bottom-up Stakeholder participation

Main objectives - 2

□ **Foster synergies at national and regional level**, mobilising competitive and non-competitive funds for research in a more coordinated way, **through common programs and joint calls**, so as to reach a critical mass to address major cross-thematic marine and maritime research challenges.

Joint research activities

Bottom-up Stakeholder participation

A step by

1. Specific and priorities for requirements
2. Identification of the next four years for the RPOs
3. Develop concrete approaches
4. Building with the cooperation, to increase the available opportunities to collaborate.

Call topic	Project acronym	Project title/Summary	Coordinator Institution	Participating Institutions
	SEAMAN	Spatially resolved ecosystem models and their application to marine management	University of Bergen (Norway)	Institute of Marine Research, Bergen (Norway); Nansen Environmental and Remote Sensing Center, NERSC (Norway); IFREMER (France); University of Iceland (Iceland); Hellenic Centre for Marine Research (Greece)
A	EMOSEM	Ecosystem models as support to eutrophication management in the North Atlantic Ocean	RBINS-MUMM (Belgium)	Free University of Brussels, ULB (Belgium); IFREMER (France); Pierre and Marie Curie University, UPMC (France); Institute of Marine Research, IMAR (Portugal)
B	INVASIVES	Invasive seaweeds in rising temperatures: impacts and risk assessments	University of Bergen (Norway)	Centre of Marine Sciences, CCMAR (Portugal); University of Western Brittany, UBO (France); AD2M-CNRS Roscoff (France); Ghent University (Belgium); Marine Research Institute (Iceland); Institute of Marine Research, IMR (Norway)
	MERMAID	Marine environmental targets linked to regional management schemes based on indicators developed for the Mediterranean	Hellenic Centre for Marine Research, HCMR (Greece)	IFREMER (France); Middle East Technical University (Turkey); University of the Aegean (Greece)
C	CIGESMED	Coralligenous based indicators to evaluate and monitor the "good ecological status" of the Mediterranean coastal waters	CNRS Délégation Provence et Corse (France)	Ege University (Turkey); LIGAMEN (France); IFREMER (France); Hellenic Centre for Marine Research, HCMR (Greece); National Marine Park of Zakynthos, NMPZ (Greece)

MSI 2012
Toulon, France
13-14-15 November

Presentation of the symposium
Workshop 1 aims and objectives
J. Binot & J-F. Masset

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3S,
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MSI 2012, Marine and Sub-marine Infrastructures symposium, Toulon, 13-14-15 nov. 2012

Seas-era
EIPFTEERA-NET

Main objectives - 4

- Reduce imbalances among regions through human capacity building.

To this end, the project will devote special attention to set-up a pan-European training and mobility strategy for human resources for the development of ocean-related activities.

Regional development

Problem: barriers to

CAPACITY BUILDING
Identifying needs, specifications and imbalances

WIP: 10000
Deadline: 2013

Author: M. J. A. - (2013) (B&B)

regulation
personnel
mobility

Lack of regulation 2%

—HCE activities as strategic for country development 13%



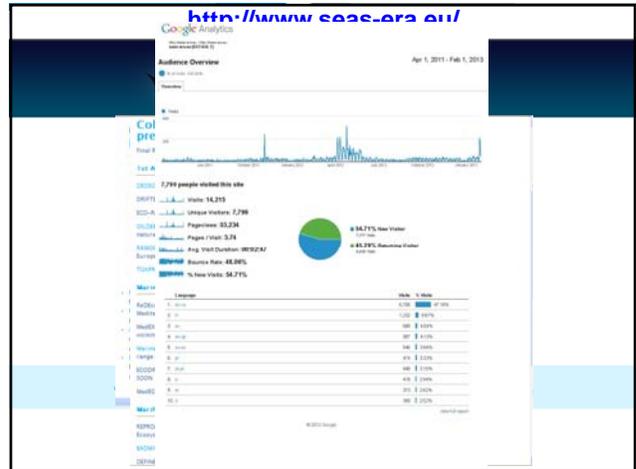
Main objectives - 5

- Enhance public awareness of marine and maritime scientific research in Europe.

SEAS-ERA will work with the RTD to translate the RTD into a series of products and cultural benefits.

Overall, this will be a key element of the dissemination strategy.

Web-page
Forums
Electronic newsletters
Presence in EU events




Lessons learned:

- SEAS-ERA and other marine ERA-NETs are developing **strategic research agendas**. This experience should be taken into account by the JPI leaders involved in the support for the Strategic Research and Innovation Agenda.
- SEAS-ERA is developing an ambitious road map on management and investments of **marine research infrastructures** that can be taken by the JPI for further enhancement.
- Human Capacity Building** is not a usual structural element of ERA-NETs, however SEAS-ERA partners saw a real need to address such topic that could be further explored by the JPI.



- The JPI **region**. Experience from the JPI (Atlantic, Mediterranean, etc.) can be built to support cooperation.
- The ERA-NET **networks and** building Oceans developing the Implementation.
- The JPI, on the **metry**, may facilitate the mechanisms of cooperation (e.g. Art. 185), adapted to specific needs.

Final aim	Expected outcomes
<p data-bbox="164 562 397 709">Establish a stable and durable structure for empowering and strengthening marine research all across Europe.</p>  <p data-bbox="207 814 354 825">European Research Area</p>	<ul style="list-style-type: none"><li data-bbox="397 464 768 495">- the pan-European forum<li data-bbox="397 506 768 537">- the drafted regional science plans<li data-bbox="397 548 768 600">- the evaluation of the results of the calls<li data-bbox="397 611 768 663">- the methodologies for the use and sharing of MRIs<li data-bbox="397 674 768 737">- the regional and pan-European plans for human capacity building<li data-bbox="397 747 768 831">- the involvement of the portal <i>EurOcean</i> in the whole dissemination research strategy