



**MARCOM+**

Integrating Marine & Maritime Science Communities



**ICES**

International Council for  
the Exploration of the Sea

**CIEM**

Conseil International pour  
l'Exploration de la Mer

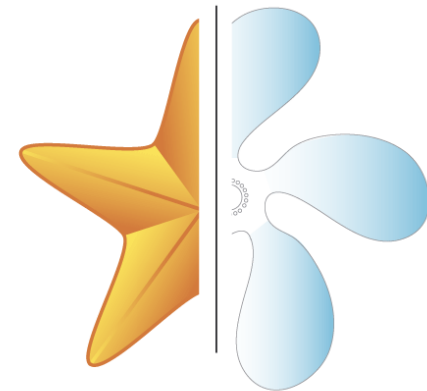
## 'Fish and Ships' – MARCOM+ / EMAR2RES concluding conference

# Marine and Maritime Science Partnership in Europe Achievements and Future Roadmap



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**EMAR<sup>2</sup>RES**



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# The European Marine / Maritime Science & Technology Forum

## The *VISION*

A marine and maritime science community which provides a forum for **dialogue between Europe's marine and maritime science communities**, and for enhanced research capability

The MARCOM Forum is based on the premise that no matter how effective and efficient individual science networks may be, their **value is enhanced through the synergy that comes with strategic concentration of work.**



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# The European Marine / Maritime Science & Technology Forum

The *VISION*





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## Marine / Maritime Forum – objectives

- Bring **added value** to EU funded research by fostering exchange & collaboration of marine and maritime science communities;
- Operate a **long-term and sustainable platform** (The Forum), based on shared interests and shared ownership and leadership, supporting the identification of **priorities** and facilitating the implementation of **cross-cutting, inter-disciplinary challenge based research**;
- Provide a forum for effective **interactions** with the broader **stakeholders groups** (Member States, regional authorities, industry and civil society).



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## The science policy framework

### The European Marine / Maritime Science & Technology Forum

- **planned in the European Strategy for Marine / Maritime Research**
- **a part of the EU Integrated Maritime Policy Blue Book and Action Plan**
- **to establish a long-term, self sustainable dialogue / consultative mechanism**



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## **Marine/Maritime Forum model**

- **A decentralized network of experts available through a central hub.**
- **When advice is requested, expert groups will provide a collective answer from the marine/maritime science community**
  - **The central hub is organized through a decentralized coordination, communication and organizing facility**



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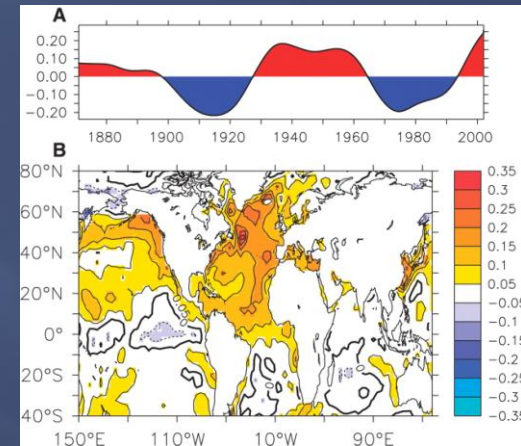
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## Marine / Maritime Forum – potential end users

• Apart from the EC the following potential end-users have been identified and should be taken into account:

- JPI Oceans
- JPI Agriculture
- National Research (Funding) Agencies
- Business owners
- ERA-nets
- European Institute of Technology
- ...





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## **MARCOM + Forum Consortium (1/2)**

- **Coastal and Marine Union**
- **Waterborne Technology Platform)**
- **European Council for Maritime Applied Research and Development Association**
- **European Aquaculture Technology and Innovation Platform**
- **European Fisheries and Aquaculture Organization**





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## MARCOM + Forum Consortium (2/2)

- **European Global Ocean Observing System**
- **International Council for the Exploration of the Sea**
- **Marine Board**
- **European Network of Marine Research Institutes**
- **Mediterranean Science Commission**
- **...**

Coordination 2012-14: ICES





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## A starting point: Areas of Common Interests

**Aquatic living resources (sustainability, mariculture, capture fisheries, transport and processing, future vessels etc.)**

**Ocean energy (synergies between ocean energy, fisheries and aquaculture, cost-effectiveness)**

**Ocean resources for blue biotechnology (pharmaceuticals, material research)**

**Impact of climate change on maritime activities**

**Human activities and impact on ecosystems (resilience, vulnerability, marine litter)**

**Coastal zone issues and maritime spatial planning**

**Human health and wellness (from the oceans)**

**Non living sea resources (incl. extraction technologies)**

**Maritime transports and bioinvasions**



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## Marine/Maritime Forum - Roadmap for 2012



A workshop to identify and prioritize research priorities in marine aquaculture during the ASC in Bergen, Norway, bringing together the marine and maritime research communities



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## Marine/Maritime Forum - Roadmap for 2012

A workshop to identify opportunities for cooperating with the merchant navy and using their ships as platform for ocean observation systems, during the Sea Tech Week in Brest, France



Semaine internationale des sciences et technologies de la mer

*International Marine Science and Technology Week*

Brest - Centre de congrès Le Quartz

8 > 12 OCTOBRE 2012



> [www.seatechweek-brest.org](http://www.seatechweek-brest.org)





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## Marine/Maritime Forum - Roadmap for 2012

A workshop to investigate synergies between offshore installations and aquaculture opportunities during the International Conference On Ocean Energy, Dublin, Ireland



**ICOE**  
**2012**  
INTERNATIONAL CONFERENCE  
ON OCEAN ENERGY

DUBLIN 4TH  
17-19 INTERNATIONAL  
OCT CONFERENCE  
2012 ON  
OCEAN  
ENERGY

**seai** SUSTAINABLE  
ENERGY AUTHORITY  
OF IRELAND



**OES** OCEAN  
ENERGY  
SYSTEMS



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# The Marine/Maritime S&T Forum – operational now

[www.MarineMaritimeScienceForum.eu](http://www.MarineMaritimeScienceForum.eu)

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Marcom Forenight (F) Interdisciplinary Dialogue Across Science (IDAS) Policy Interface (PI)  
Research Infrastructure Development (RID) Technology Transfer (TT)

Marcom

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**Welcome to the MARCOM+ web portal**  
Towards an Integrated Marine and Maritime Science Community - The MARCOM+ Initiative

The FP7 support action to integrate the marine and maritime research communities.

**The concepts:**

In its strategic objectives (2010-2020) the Commission recognized that there is a "need for an all-encompassing maritime policy aimed at developing a thriving and environmentally sustainable manner. Such a policy should be supported by excellence in marine scientific research, technology and innovation. Further action is needed to enhance safety of coastal settlements, ecosystems and livelihoods and promoting sustainable maritime activities. Science and technology play a key role in the promotion of sustainable economic growth in maritime activities with environmental conservation. Consequently, the large number of ongoing research activities and projects in the marine and maritime sectors need to be coordinated and integrated in order to address system complexity and interactions and to introduce new forms of governance in research through consensus and co-operation. This is the main objective of the FP7 support action to integrate the marine and maritime research communities.

The European research network dealing with the marine and maritime research sectors transport and maritime industries, tourism, coastal development, sea and aquaculture have decided to join forces and form a consortium in order to take further steps in integrating their science activities.

The Consortium proposed an initial five-year work programme comprising six work packages and five cross-cutting panels in order to develop a long-term plan and a Maritime Science and Technology Forum". During the project, the consortium will test and improve modules in order to achieve long-term sustainability, leadership. The forum will network to one activity of guiding the implementation of the European Strategy for Marine and Maritime Research beyond the usual feedback needs of dialogue between marine science and maritime policy.

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