



# **Workshop 2**

## **Research and Innovation**

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# General Messages & Philosophy

- (1) join forces in the consultation process
- (2) speak with one (loud) voice
- (3) overcome sectoral boundaries and limits
- (4) think integrated and conceptual
- (5) develop visions and strategies

(1) EU maritime policy should be supported by excellence in marine scientific research, technology and innovation

### Science Priority Areas

- Climate Change and Carbon Sequestration
- Ecosystems and Biodiversity
- Living and Non-living Marine Resources
- Natural Hazards and Coastal Zone Protection

### Technology and Innovation

- Ocean Monitoring Systems
- Gas hydrate Technology
- Blue Biotechnology

(2) Cooperation and coordination in marine scientific research need to be significantly improved

Establishment of a European Maritime Agency

to coordinate and link marine scientific research activities  
to make better use of research vessels and infrastructure  
to collect and archive scientific data  
to maintain data bank services and science networks

(3) Marine science is seen as a priority scientific area which cuts across themes

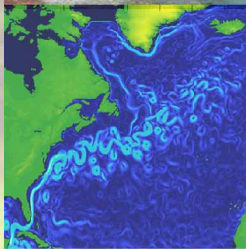
an annual European Maritime Conference is needed as a high-level event to be supported by the Commission to exchange views and visions

a special Science meets Industry forum has to be established as an interface between scientific disciplines & technology developers for the benefit of technology transfer

(4) A strategy is needed for European marine research to derive greater benefits from European research funding

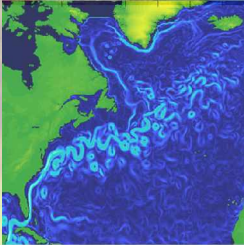
much closer cooperation between major European marine science institutes: European Marine Research Consortium

closer link of scientific, societal, legal and economic aspects of the sea and the oceans and their future developments



# Action Needed for the European Seas and Oceans Take-home Messages (1)

- establish Ocean Observatory Networks for long-term monitoring and risk assessment: improve the safety of the European seas, oceans, and coastal areas
- improve European research cooperation and pool research vessels & large-scale equipment: European Marine Research Consortium



## Action Needed for the European Seas and Oceans Take-home messages (2)

- create a European Maritime Agency to better coordinate marine research in and for Europe and to set up and manage a European Maritime Data Center
- establish a European Maritime Conference to support developments at the interface between **basic science** and **industry**

