

EurOCEAN 2010: Grand Challenges for Marine Research in the next Decade
Ostend, Belgium, 12th – 13th October 2010.

*From Galway to Aberdeen ... To Ostend
- Progress in Marine and Maritime Science Policy*



Dr Peter Heffernan
Chief Executive
Marine Institute
IRELAND



The Road to Ostend

EuroOCEAN
2010



Galway 2004

Aberdeen 2007

Bremen 2007

Ostend 2010

Brussels

Gijon 2010

Roma 2009

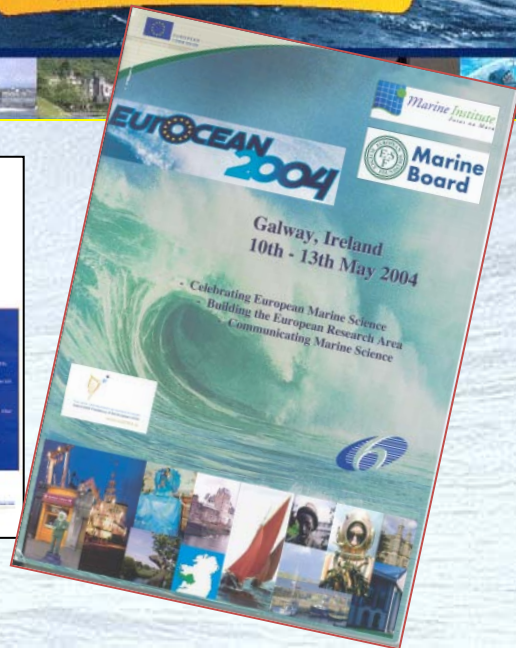
Lisboa 2007

EurOCEAN 2004 / Galway Declaration (2004)

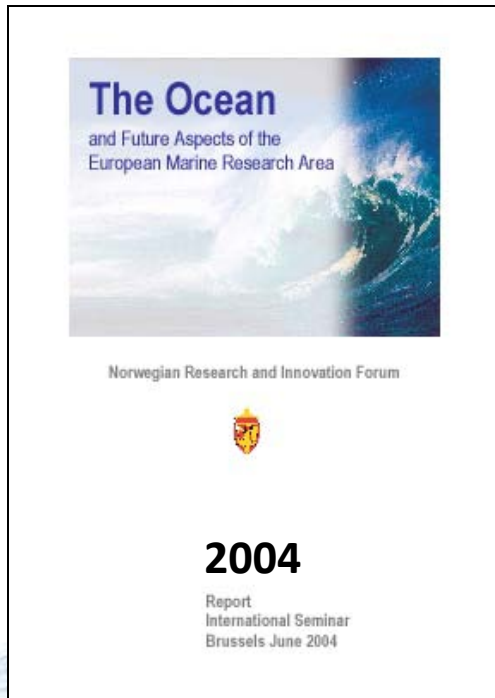


Recognition by Member States and the European Commission of:

- The **crucial role of the oceans** in climate, carbon cycle and Life on Earth;
- The major **contribution maritime industries** can make to the goals of the Lisbon Agenda 2000;
- The **essential role** of marine science and technology in **generating the knowledge** needed to **fuel economic development** in **harmony with the environment**;
- The **critical role of the European Research Area** and forthcoming **7th Framework Programme (2007-2013)** in **supporting excellence in marine science and technology**.



The Cascade Starts



The Oceans and future aspects of the European Marine Research Area (Norwegian led conference, Brussels June 2004)



European Marine Scientific Research: Perspectives 2007 - 2013: European Parliament. Brussels – 17th October 2005



Lars Horn (RCN)



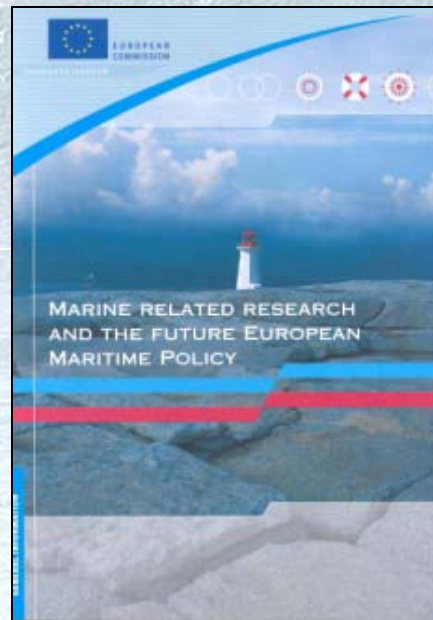
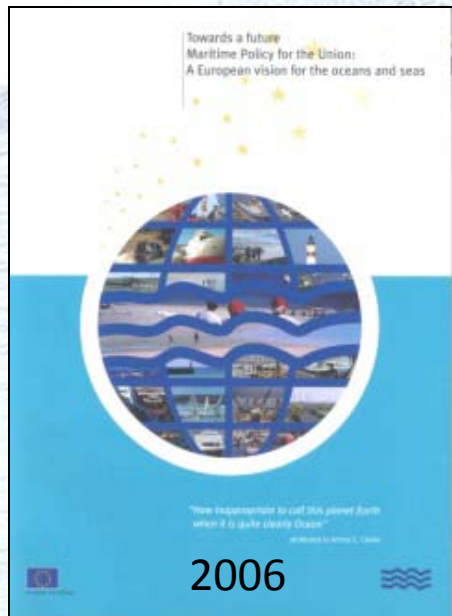
*“Ireland lit the torch in Galway
..... Norway carried it to Brussels”*

An Integrated Maritime Policy for the European Union



Commissioner Joe Borg

“An all embracing maritime policy aimed at developing a dynamic maritime economy in harmony with the marine environment, supported by sound marine scientific research and technology, which allows human beings to continue to reap the rich harvest from the ocean in a sustainable manner”



German and Portuguese EU Presidency Conferences 2007



German-EU Presidency Bremen Conference:

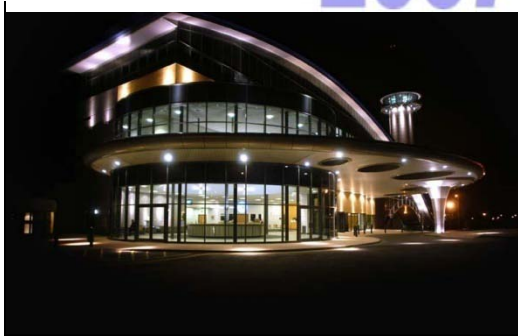
Towards a future Maritime Policy for the Union: A European Vision for the Oceans and Seas (Bremen: May 2007).



Portuguese-EU Presidency Marine Conferences:

- *Governance of an Integrated Holistic Maritime Policy for Europe. Lisbon: July 2007;*
- *The role of Marine Science in Ocean Sustainability and Global Change. Lisbon: October, 2007.*

EurOCEAN 2007 - The Aberdeen Declaration



Call for action by the **European Commission** and **Member States** to further develop and **enhance a partnership with appropriate stakeholders** to:

- Initiate in 2008 a comprehensive and integrated **European Marine and Maritime Science, Research, Technology and Innovation Strategy**;
- **Establish an adequately resourced and sustained process** to oversee the implementation and delivery of this Strategy within an holistic European Maritime Policy;
- **Initiate and support the necessary funding mechanisms**, specialised infrastructures, data collection and information management and capacity building essential to our on-going relationship with the oceans and seas.



Research – A Pillar of the Integrated Maritime Policy

Seminar on Marine Sciences and Technologies in FP7

Natural History Museum, Brussels: 16th January 2007

- Marine science and technology: a priority cross-cutting theme in FP7
- An annual review/audit of all FP7 marine-related projects



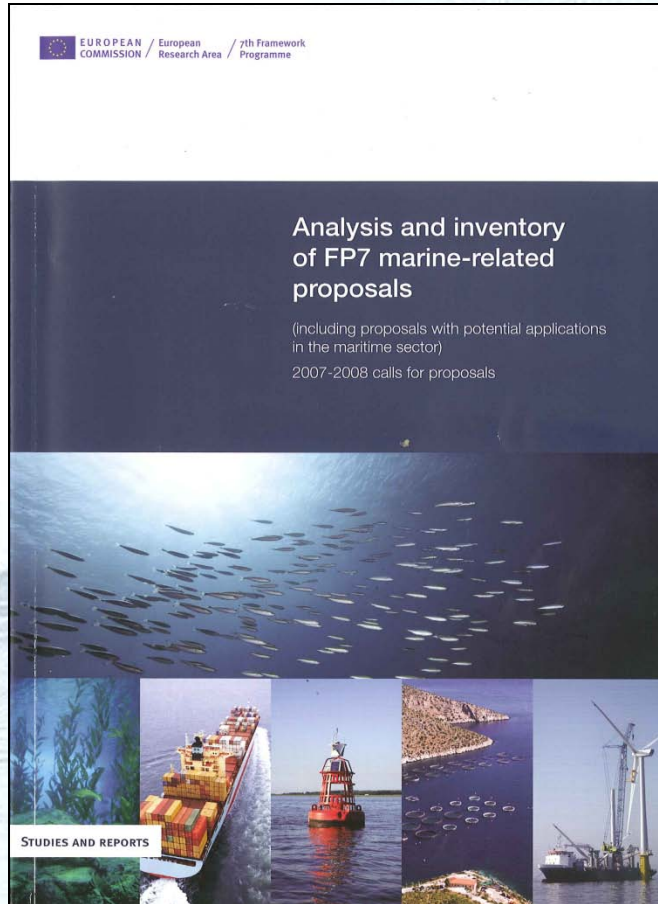
The Marine Science Community sets the Research Agenda



Launch of *Navigating the Future III*

Seminar "Marine Science and Technology in the 7th Research Framework Programme" on 16 January 2006 in Brussels

Success in influencing the EU Marine Research Agenda



Brussels 2010



Brussels 2007

- **€733 million** dedicated to **345 marine-related proposals**.
- **6.5%** of the financial contribution awarded by the European Union to all proposals 2007-2008 .
- **5.6%** in terms of the number of proposals.

Some Achievements

Activity

EurOCEAN 2004 / Galway Declaration (May 2004)

Oceans Conference (Brussels June 2004)

Presentation to EU Parliament (October 2005)

Inputs to on-line consultation on Maritime Green Paper (2006-2007)

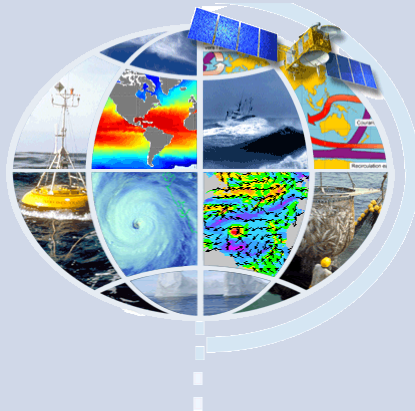
Inputs to IMP Marine Research Pillar

- Bremen – May 2007
- Aberdeen – June 2007
- Lisbon – July 2007
- Lisbon - October 2007

EurOCEAN 2007 / Aberdeen Declaration (June 2007)

European Maritime Days

- Brussels (2008) – Roma (2009) –Gijon (2010)



Achievements

“Marine science and technology a priority cross-cutting theme in FP7” (2006)

Navigating the Future III (Marine Board-ESF)

Re-enforce need for IMP-EU with strong economic, environmental, social and research pillars.

An Integrated Maritime Policy for the European Union (2007).

A European Strategy for Marine and Maritime Research (2008).

European Marine Observation and Data Network (EMODN)

- European Atlas of the Seas
- Marine Knowledge 2020 (2010)

DG MARE High Level Group on Marine Research Infrastructures

Co-ordinating Activities

- MARCOM: Marine Research Representative Bodies
- EMAR2RES: Industry + Research
- SEAS-ERA: MS Marine Research Funders
- Maritime Stakeholders Forum

Sea Basin Strategies

- Baltic Sea, Arctic, Mediterranean, Atlantic (in prep).

Maritime Spatial Planning

FP7 Oceans of Tomorrow 2010, 2011

The Road Ahead



Some Lessons

- Link Research Priorities to current Community Policy
- Identify / Quantify economic and societal benefits
- Better Communicate outputs and make them useful and usable

A Vision

- Clear Priorities

- A Single Voice

Patience and Perseverance.





It is no longer a question
of Ocean Science
but of Ocean Innovation.

Marine Institute Chief Executive Dr Peter
Heffernan and EU Commissioner Máire
Geoghegan Quinn
SMARTOCEANS Conference, Ireland 2010.