European Commission

Uachtaránacht na hÉireann ar Chomhairle an Aontais Eorpaigh
Irish Presidency of the Council of the European Union
eu2013.ie

Marine Institute
Feras na Mara

THE ATLANTIC
A SHARED RESOURCE

PROGRAMME
23 - 24 May 2013

MARINE INSTITUTE
RINVILLE, ORANMORE, GALWAY, IRELAND

Introduction to the Workshop

Peter Heffernan, PhD, MRIA
Chief Executive
Marine Institute
Ireland
www.marine.ie

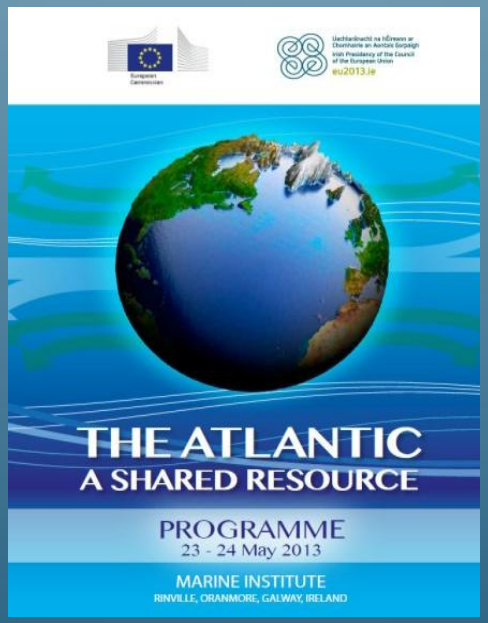
GALWAY 2004

The Galway Declaration

Celebrating European Marine Science

Building the European Research Area

Communicating Marine Science



GALWAY 2013

The Galway Statement on Atlantic Cooperation

Launching a European Union

Canada

United States of America

Research Alliance

The Irish Presidency of the EU presents a unique window of opportunity for major advances in trans-Atlantic scientific collaboration

By 2020, North Atlantic Coastal States will have:

- A truly predictive capacity for the major risks and changes in the dynamics of the North Atlantic Ocean, its ecology and circulation system;
- Installed and operated a fully integrated multi-modal North Atlantic Ocean Observation and Forecasting System providing real-time data streams on-line;
- Mapped the (critical areas) Atlantic seafloor to underpin the accuracy of predictive models and forecasts and the accuracy of their outputs (including key tectonic /volcanic sites);
- Enabled the safest operational and risk management environment for the operation of all offshore industries and to support the emerging Blue Economy engine for sustainable socio-economic growth
- Forged greatly strengthened collaborative operational and scientific undertakings of mutual benefit across the North Atlantic between Europe and the North Americas;
- Supported the development, by Innovation Clusters with public and private sector partnerships, of a range of new and innovative knowledge based and globally traded products and services, including smart sensors;
- Revolutionised our understanding of key oceanic processes critical to the life support system of the planet including critical Atlantic-Arctic trans-boundary processes.

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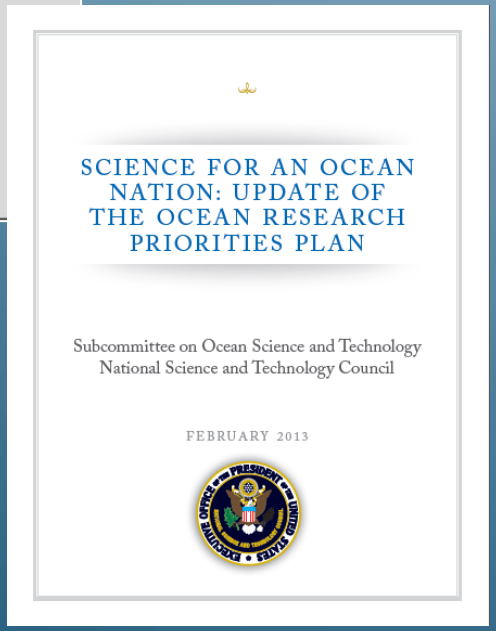
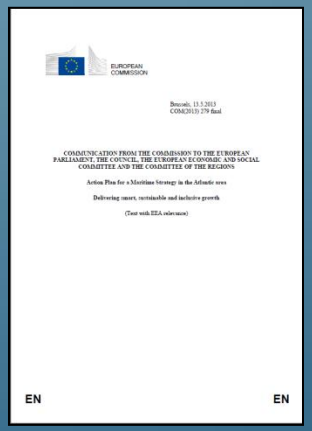
This Vision builds on and complements existing strategies



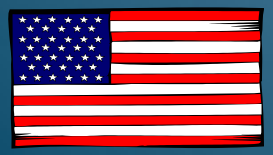


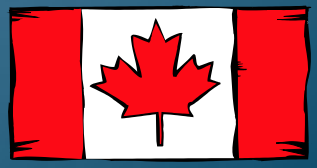
EU Action Plan for a Maritime Strategy in the Atlantic Area (May 2013)

Our Challenge is to:

- **Identify the key scientific challenges that need to be resolved in order to realise this Vision and provide us with a truly operational predictive capacity to face our shared future**

What are the "Whats" – the "Hows" will come later.





The Atlantic – A Shared Resource

"The greater danger for most of us lies not in setting our aim too high and falling short; but in setting our aim too low, and achieving our mark".

Michelangelo di Lodovico Buonarroti Simoni
(Michelangelo : 1474-1564)

The Atlantic – A Shared Resource
Galway (Ireland): 23rd – 24th May 2013

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