2013 RESEARCH ALLIANCE ON ATLANTIC OCEAN COOPERATION (EU-US-CANADA) & WHY MUST RESEARCHERS NOW THINK BEYOND THE HORIZON?

Verbruggen, K. M., Geological Survey of Ireland, Ireland, koen.verbruggen@gsi.ie
Heffernan, P., Marine Institute of Ireland, Ireland, peter.heffernan@marine.ie
Van Fliet, L., Diplomacy Matters Institute, USA, lyvanfliet@diplomacymatters.org

Abstract

The poster sets out an overview of the current situation of transatlantic research cooperation in Ocean Sciences & highlights the international partnering priority for Horizon 2020, the EU’s new $95.2 Billion R&D funding program. It also introduces the Galway Declaration of 2013 on marine research cooperation between USA-EU & Canada, and shows examples of major EU marine research initiatives such as the Atlantic Strategy and EMODNET Programme.

Those interested in the opportunity for EU research funding are also advised of the OSM2014 Townhall event on this topic: Horizon 2020: Accelerating EU-U.S. Marine Research & Transatlantic Cooperation

Galway Statement on Atlantic Ocean Cooperation
EU, USA & Canada – Marine Research collaboration, Atlantic & Arctic Mapping, modelling, observatories & Ocean Literacy

Signage of the 'Galway Statement on Atlantic Ocean Cooperation' - 24th May 2013

We intend to advance this agenda by:

- taking stock of and utilizing existing bilateral science and technology cooperation (e.g. the U.S.-European Union Science and Technology Joint Consultative Group and the Canada - European Union Science and Technology Joint Coordinating Committee) and multilateral cooperation frameworks including those related to ocean observation, and ocean literacy initiatives;
- recommending priorities for future cooperation and, where possible,
- coordinating the planning and programming of relevant activities in these areas, including promoting researcher mobility.

EU Atlantic Strategy

The Atlantic Action Plan (IP/13/420) put forward by the Commission on 13 May 2013 aims to revitalise the marine and maritime economy in the Atlantic Ocean area. It shows how the EU’s Atlantic Member States, their regions and the Commission can help create sustainable growth in coastal regions and drive forward the "blue economy", while preserving the environmental and ecological stability of the Atlantic Ocean.

"There is already the prospect of real engagement from the US and Canada to establish a transatlantic research alliance, to deepen our common understanding of the Atlantic ecosystem and its potential to support the blue economy."

Sample EU Marine Projects

EMODNET
Funded by Marine Directorate
Budget Phase 1 > €5m, Phase 2>€10m
Joined datasets & mapping, online
Geology, Hydrography, Biology, Chemistry
Environment/Habitat Map

GEOSEAS
Funded by FP7 Research
Budget €3.5m
Joining Marine Geoscience Data Centres
Innovative products/approaches

INIS HYDRO
Funded by InterReg
Ireland, N.Ireland & Scotland
Hydrographic Mapping
New common standards

Potential Real Map of the Atlantic?
Based on Real Map of Ireland concept & INFOMAR Mapping Programme
EU-USA-Canada flagship proposal
Mapping of Atlantic