

The logo for the Atlantic Ocean Research Alliance (AORA) features the letters 'A', 'O', 'R', and 'A' in a bold, dark blue font. The letter 'O' is replaced by a stylized globe of the Earth, showing the Atlantic Ocean basin. The globe is rendered in shades of blue and white, with a bright light source behind it creating a lens flare effect.

AORA

ATLANTIC OCEAN RESEARCH ALLIANCE

THE ATLANTIC: **OUR SHARED RESOURCE**

MAKING THE VISION REALITY



Galway Statement on Atlantic Ocean Cooperation – Overarching Objectives for Research

- Improve ocean health and stewardship
- Promote sustainable management of resources
- Improve ecosystem assessments and forecasts and deeper understanding of vulnerabilities and risks, including climate change
- Generate new tools to increase resilience, conserve rich biodiversity, manage risk and determine social, environmental, and economic priorities

Tri-Partite Galway Implementation Committee

Co-chaired by Canada, the European Commission, and the United States

- Trevor Swerdfager, Assistant Deputy Minister, Ecosystems and Oceans Science, Fisheries and Oceans Canada
- John Bell, Director of Bioeconomy, Agriculture, Food, Marine in Directorate-General Research and Innovation, European Commission
- Craig McLean, NOAA Assistant Administrator for Oceanic and Atmospheric Research

Priority Areas of Cooperation – “The How”

In working together to advance results in the identified areas of research cooperation, we will seek to improve efficiencies and effectiveness by:

- Organizing and leveraging research activities in a way that takes advantage of opportunities for synergies in work already underway and the use of infrastructure or installations
- Better coordination of data sharing, interoperability and observing infrastructure
- Promoting researcher mobility
- Coordinating the planning and programming of relevant activities and resources

Priority Areas of Cooperation – “The What”

‘Ocean research and observation efforts’ subsequently defined under ‘statements of purpose’ in which we have agreed to work together in the following priority areas of cooperation:

- Ocean Health and Stressors
- Ocean Observation and Prediction
- Atlantic Seabed Mapping and Characterization
- Aquaculture
- Marine Microbial Ecology (EU-US)
- Information Management and Dissemination
- Ocean Literacy

Galway Statement Implementation

Working Groups - Priority Areas of Cooperation

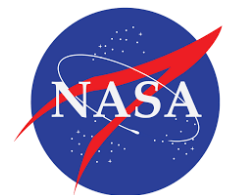
Formal tri-lateral working groups have been established to advance scientific planning under agreed upon areas of priority research

- Aquaculture
- Ocean Literacy
- Atlantic Seabed Mapping and Characterization
- Ecosystem Approach to Ocean Health and Stressors

Establishment of formal working groups in remaining areas of research cooperation is evolving

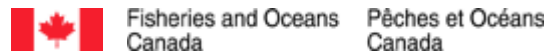
Galway Statement Implementation – Research and Innovation Actions - US

- National Oceanic and Atmospheric Administration (NOAA) the lead agency for the US
- A Collaborative International Research Programme on the Coupled North-Atlantic-Arctic System – Science Plan Finalized (Arlington, May 2014)
- Dear Colleague Letter (DCL) NSF 10-006: A Near-Term Action Plan for Advancing the Galway Agreement 2016-2018, October, 2015
- NASA Export Processes in the Ocean from Remote Sensing (EXPORTS) and NASA notification similar to NSF DCL, December 2015
- Participation in Horizon 2020 projects AtlantOS, ATLAS, SponGES, AquaSpace, SeaChange, ResponSEAbLe, and others



Galway Statement Implementation – Research and Innovation Actions - Canada

- Significant receptor capacity to further advance collaborative work in the area of Oceans Health and Stressors beyond Canada’s current commitment to SponGES and ATLAS projects
- Large-scale academic-led research networks, chair programs, universities, and Government of Canada programs



Galway Statement Implementation – Horizon 2020 Research and Innovation Actions - EU

EU-Canada-US research consortiums established under ‘Galway tagged’ marine thematic areas

Project	Objective
AORAC-SA	Provide scientific, technical and logistical support in developing and implementing Atlantic Marine Research Cooperation.
EU-PolarNet	Establish an ongoing dialogue between policymakers, business and industry leaders, local communities and scientists to increase mutual understanding and identify new ways of working that will deliver economic and societal benefits.
AtlantOS	Developing in-situ Atlantic Ocean Observations for a better management and sustainable exploitation of the maritime resources - Optimizing and Enhancing the Integrated Atlantic Ocean Observing System
DiscardLess	Strategies for the gradual elimination of discards in European fisheries
AquaSpace	Ecosystem approach to making space for aquaculture

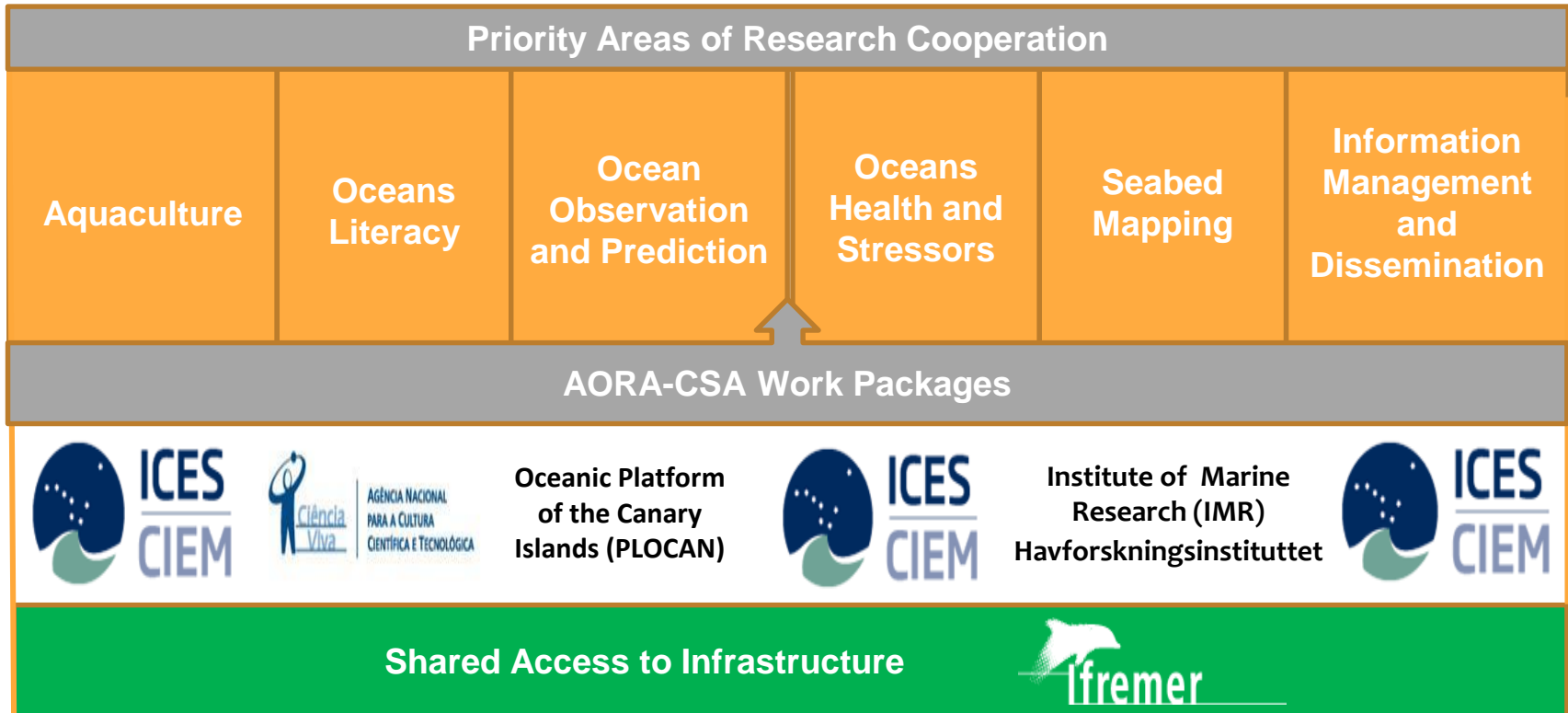
Galway Statement Implementation – Horizon 2020 Research and Innovation Actions

Project	Objective
INMARE	Enhancing the industrial exploitation potential of marine derived enzymes
LAKHsMI	Develop a new bio-inspired technology to make continuous and cost-effective measurements of the near-field, large-scale hydrodynamic situation, for environmental monitoring in cabled ocean observatories, marine renewable energy and port/harbor security.
PrimeFish	Developing innovative market orientated prediction toolbox to strengthen the economic sustainability and competitiveness of European seafood on local and global markets
ResponSEABle SeaChange	Ocean Literacy – Engaging with Society – Social Innovation
ATLAS SponGES	Improving the preservation and sustainable exploitation of Atlantic marine ecosystems

Galway Statement Implementation – Horizon 2020 Coordination and Support Action (AORAC-SA)

- Supporting International Cooperation Initiatives: Atlantic Ocean Research Alliance
- Provide scientific, technical, and logistical support to the identified priority areas of research under the Galway Statement and its implementing Working Groups
- Support activities include the organisation of expert and stakeholder meetings, workshops , conferences, activity inventories, mapping exercises, etc.

Galway Statement Implementation – Coordination and Support Action (AORA-CSA)



The background features a globe on the left side, partially obscured by several flowing, wavy blue lines that sweep across the top and right. A horizontal dotted blue line is positioned above the main text.

Thank You!

www.atlanticresource.org

The logo for the Atlantic Ocean Research Alliance (AORA) features the letters 'AORA' in a bold, dark blue font. The letter 'O' is replaced by a small globe showing the Atlantic Ocean. A thin blue wave line is positioned above the letters.

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