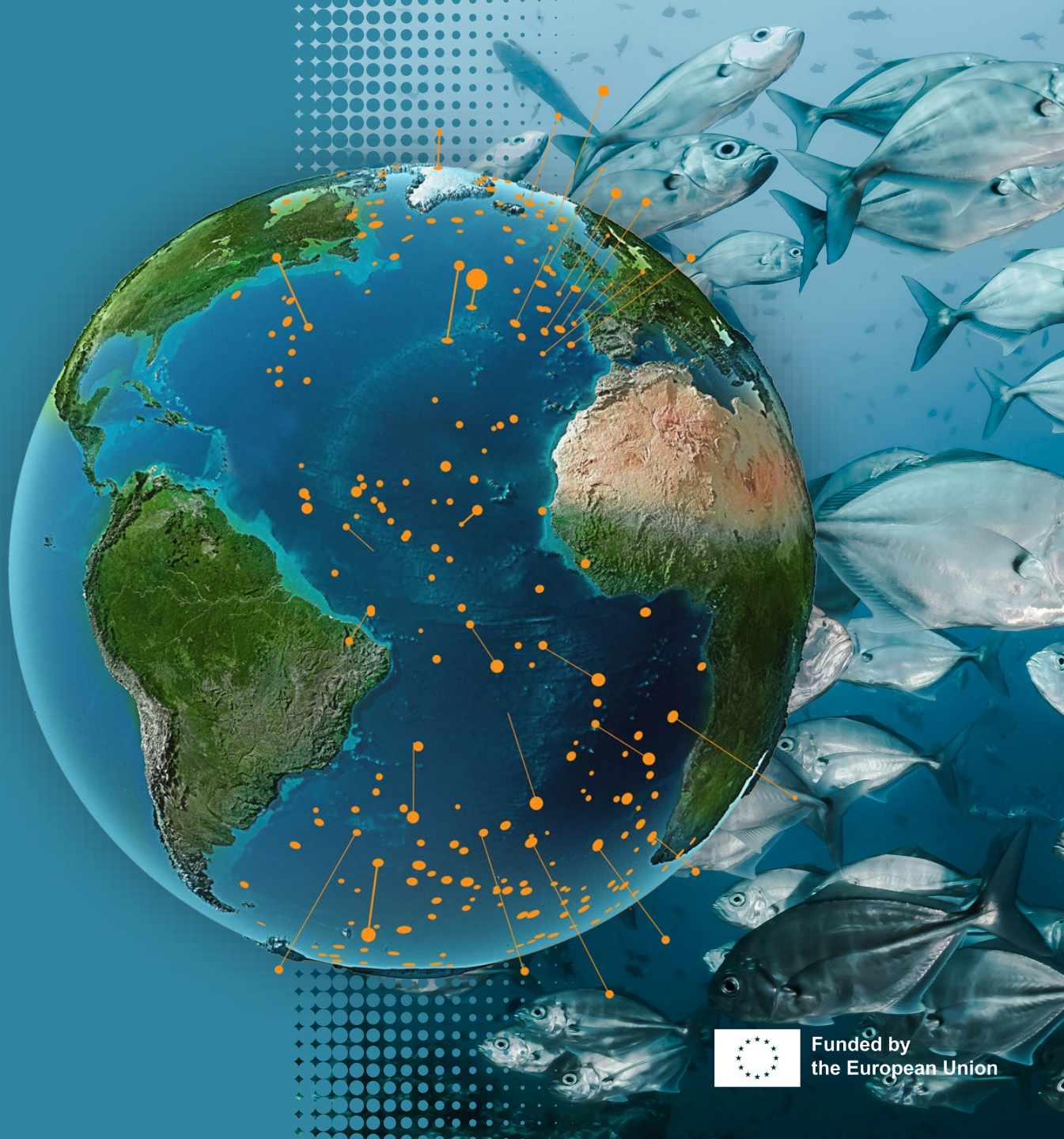


OKEANO

Supporting the All-Atlantic Ocean
Research and Innovation Alliance

Jose Luiz Moutinho
AIR Centre



OKEANO

Supporting the
All-Atlantic Ocean Research
and Innovation Alliance



Funded by
the European Union

All-Atlantic Ocean Research and Innovation Alliance (AAORIA)

Galway Statement on Atlantic Ocean Cooperation
Launching a European Union - Canada - United States of America Research Alliance

The Signatories of this Statement, meeting on the occasion of the high level event
The Atlantic – a Shared Resource, held on 22 and 23 May 2017
at the Marine Institute, Galway, Ireland

Recognizing the importance of the Atlantic Ocean to our citizens, prosperity, human health and well-being, adaptation to climate and other environmental change, and security;
Cognizing of our reliance upon the best available science and knowledge to inform decisions affecting the Atlantic Ocean;

Realizing that our countries face similar challenges in promoting a healthy and well-understood Atlantic Ocean;

Acknowledging the critical interlink between the Atlantic Ocean and the portion of the Arctic region that borders the Atlantic;

Appreciating the value of our ongoing cooperation on ocean science and observation in the Atlantic Ocean and

Upholding the essential role of international partnership to achieve our shared objectives and the potential of greater cooperation to advance our knowledge of the Atlantic Ocean;

Based to advance our shared vision of an Atlantic Ocean that is healthy, resilient, safe, productive, understood and managed so as to promote the well-being, prosperity, and security of present and future generations;

This cooperation is intended to increase our knowledge of the Atlantic Ocean and its dynamic systems, including interlink with the portion of the Arctic region that borders the Atlantic, by aligning our ocean observation efforts to improve ocean health and stewardship and promote the sustainable management of its resources. Observation is fundamental to understanding the ocean and forecasting its future. Activities may include efforts to better coordinate data sharing, interoperability and consolidation of observing infrastructures and shared and health habitat mapping.

This cooperation may result in mutual benefits including better ecosystem assessments and forecasts and deeper understanding of vulnerabilities and risk, including those relating to the global climate system and climate change impacts. It can also help generate new tools to increase resilience, conserve risk biodiversity, manage risk and decrease social, environmental and economic pressures.

We further intend to promote our citizens' understanding of the value of the Atlantic by providing ocean literacy. We intend to share how we monitor ocean science and observation address pressing issues facing our citizens, the environment and the world and to foster public understanding of the value of the Atlantic Ocean.

For the European Union

For the Government of Canada

For the Government of the United States of America

Maria Byrne
Minister of the Environment, Climate and Communications

Christine Sturgeon
Minister of the Environment and Climate Change

Robert F. Kennedy Jr.
Assistant Secretary of State for Oceans and International Environment and Scientific Affairs

Maria Byrne
Minister of the Environment, Climate and Communications

Bélem Statement on Atlantic Research and Innovation Cooperation
Conference in Lisbon on 13-14 July 2017



Ocean play a key role in developing national and regional economies, achieving the Sustainable Development Goals, and addressing climate change. The ongoing activities related to the Atlantic Ocean Research Alliance and deepening scientific cooperation in the South and Tropical Atlantic, and Southern Ocean are widely recognized.

The importance of research on the ocean underpins the strategic partnerships on marine research that Brazil and South Africa have with the European Union and many European partners.

On the basis of the Agreement on science and technological cooperation between the Republic of South Africa and the European Community signed on 5 December 1990, which entered into force on 11 November 1997, the European Union and the Republic of South Africa have established close scientific collaboration, which is confirmed by the Joint Science and Technology Cooperation Committee constituted under this Agreement.

Equally, close scientific collaboration was established under the Agreement for scientific and technological cooperation between the European Community and the Federative Republic of Brazil signed on 19 January 2004, which entered into force on 7 August 2007, as revised in 2012 and confirmed by the Steering Committee on scientific and technical cooperation.

This Statement builds on the Joint Declaration of Intent between the European Commission and the Ministry of Science, Technology and Innovation of Brazil, signed on 17 November 2015, as well as on the Declaration of Intent between South Africa's Department of Science and Technology and the European Commission on Marine Research and Innovation Co-operation, signed on 3 October 2016. It also takes account of the outcomes of the Atlantic Interaction Ministerial Forum and High-level Industry-Science Government Dialogue, held at Victoria Harbour in April 2017.

We, the Commissioner for Research, Science and Innovation of the European Commission, on behalf of the European Union, the Minister of Science and Technology, on behalf of the Department of Science and Technology, a Government Department of the Republic of South Africa, and the Minister of State for Science, Technology, Innovation and Communications, on behalf of the Ministry of Science, Technology, Innovation and Communications of Brazil, would like to take further our collaborative scientific efforts in the Atlantic Ocean.

✓ Ocean observation (including seabed mapping), forecasting and monitoring processes and systems;
✓ Food security, fisheries management, aquaculture and biodiversity;
✓ Ocean technology (including observation and renewable marine energy);
✓ The effects of emerging pollutants, and;
✓ Polar research especially interconnections between the Atlantic, the Southern Ocean and Antarctica.

The intention is to achieve:

- Better monitoring and forecasting capacities;
- Improved safety at sea, human health and well-being;
- Sustainable use of marine resources;
- New and emerging technologies to service societal needs and new value chains; and,
- Oceanographic datasets through enhanced ocean literacy activities.

Carlos Mader
Commissioner for Research, Science and Innovation

S. M. R. R. R.
Minister of Science and Technology

Roberto R. R.
Minister of State for Science, Technology, Innovation and Communications

All-Atlantic Ocean Research and Innovation Alliance Declaration
The "ALL-ATLANTIC DECLARATION"

Recognizing the importance of the Atlantic Ocean in supporting human health and well-being, as well as natural species and ecosystems, in regulating climate, and as a source of natural resources;

Acknowledging the key role the Atlantic Ocean plays in contributing to regional, national, and global economies, including sustainable and inclusive ocean economies;

Recognizing the considerable challenges faced by the Atlantic Ocean, including climate change, and pollution and overexploitation of resources, among other anthropogenic stressors;

Highlighting the need to address these challenges throughout the Atlantic basin at local and regional scales, and acknowledging important linkages with the polar seas;

Recognizing our reliance on accurate, open science and knowledge to inform decisions affecting the Atlantic Ocean;

Recognizing the benefits and the need for an inclusive and equitable approach to scientific cooperation, inviting the Atlantic Ocean community (coastal communities and Indigenous Peoples, scientists, citizens, entrepreneurs, policy makers, etc.) in the co-design, co-stewardship, and co-implementation of outcome-oriented ocean science and innovation initiatives;

Valuing the importance of international partnerships to align efforts and co-create a shared vision to enhance scientific cooperation that advances outcome-oriented ocean science and innovation, for an Atlantic Ocean that is safe, healthy, and sustainable for future generations;

Acknowledging the achievements from the "Galway Statement on Atlantic Ocean Cooperation", the establishment of a "South-South Framework for Scientific and Technical Cooperation in the South and Tropical Atlantic and the Southern Ocean", and the accomplishments of the "Bélem Statement on Atlantic Research and Innovation Cooperation", as contributions strengthening linkages between the North and South Atlantic and advancing cooperative ocean science;

Reinforcing the importance of engaging with relevant international initiatives and entities with complementary visions of and actions for a healthy and sustainable ocean, consistent with international law;

co-creating and co-empowering their purpose ocean science activities.

b) Promoting and applying accessible, interoperable, and transparent knowledge and data systems.

c) Enhancing access to, and sharing of, ocean science infrastructures, data and expertise.

d) Including local, experiential, and Indigenous knowledge in ocean science initiatives.

e) Promoting diversity, equity, and inclusion, in particular efforts to advance gender and intergenerational equity in ocean science and to support meaningful engagement of Indigenous Peoples.

f) Strengthening stakeholder engagement, in particular with citizens and youth, and increasing the human dimension in ocean science.

5) This Declaration is not designed or intended to create legal rights or obligations under international law and has no financial implications.

6) Signed in a single original at Washington D.C. on 13 July 2022 in the English, French, Spanish and Portuguese languages, each version being equally valid.

2023 Forum Joint Outcome Statement from the High-Level Board of the All-Atlantic Ocean Research and Innovation Alliance

November 22, 2023



All-Atlantic Ocean Research and Innovation Alliance Forum

21 and 22 November 2023
Cape Town International Convention Centre



22 November 2023, Cape Town, South Africa

AAORIA Declaration



AA-MARINET / Polar research infrastructures (NMRI-PR)

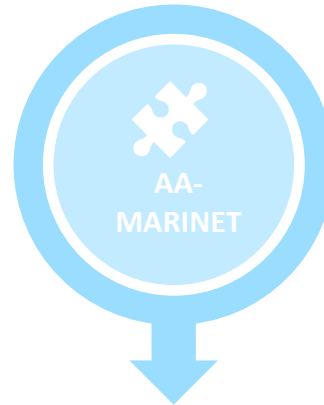
Development & Management Group Community Group (RI operators)

Design/implementation of the Web portal
Oversees and evaluate activities
Ensure involvement of the All-Atlantic ocean community



Guidelines

Guidelines for optimizing the use
and sharing of research
infrastructures



Collaborative Web Portal

Information on ongoing/planned
activities at sea to search for
complementarities and/or cooperation
opportunities in the Atlantic



Case-Study

Ship-time sharing and
cooperation opportunities



Thematic Areas Networking

- > Plankton imaging (I-ITAPINA)
- > Coastal observation (AA-COASTNET)
- > Polar research infrastructures (NMRI-PR)

In-person Side Event at the All-Atlantic 2022



**RESEARCH COOPERATION
FROM POLE TO POLE**

12TH JULY 2022 | PORTUGUESE EMBASSY IN WASHINGTON DC, USA
SIDE EVENT OF THE ALL ATLANTIC 2022 MINISTERIAL MEETING - INVITATION ONLY

#AtlanticAll #AllAtlantic2022

AA-MARINET
www.aa-mari.net

AIRCENTRE

**EUROPEAN
POLAR BOARD**

EU-PolarNet

**BUILDING AN ALL ATLANTIC
OCEAN COMMUNITY**
Implementing the Belém Statement
<https://allatlanticocean.org>

**ALL-ATLANTIC
OCEAN RESEARCH
ALLIANCE**
Creating an Atlantic
Ocean Community
by Implementing the
Galway and Belém
Statements

Background photo - Anneli Strobel, AWI

In-person Side Event at the All-Atlantic 2022



BlueMissionAA Polar Research FCT AIR Centre PhD Programme

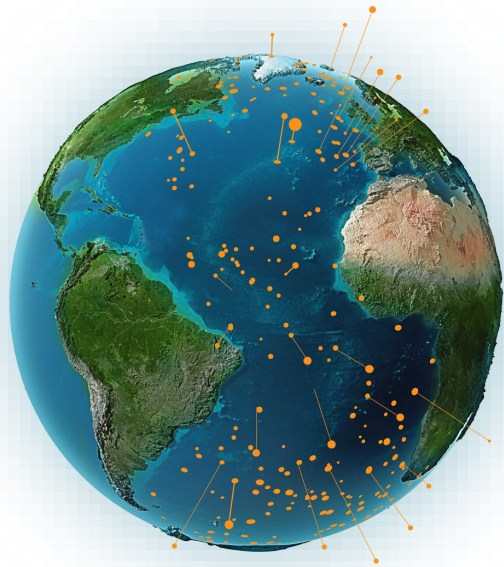
Call for PhD fellowships topics on
“PRESERVATION AND
RESTORATION OF POLAR
MARINE AND COASTAL
ECOSYSTEMS AND
BIODIVERSITY”

The Portuguese Foundation for Science and Technology (FCT), the Portuguese Polar Program (PROPOLAR), the European Polar Board (EPB) and the Atlantic International Research Centre (AIR Centre) opened a call for PhD fellowships topics on “Preservation and Restoration of Polar Marine and Coastal Ecosystems and Biodiversity” to award 5 PhD fellowships in line with the Atlantic & Arctic Lighthouse of the EU Mission Restore our Oceans and Waters by 2030.

BLUEMISSION AA

Building a coordination hub to support the Mission implementation in the Atlantic and Arctic Basin

OKEANO



OKEANO will provide coordination and support for a wider understanding of the opportunities, and need for sustainable management of the Atlantic Ocean, through a large-scale basin effort.



OKEANO Kick off Meeting, 7-8 March 2024



Delivering on Priorities of the All-Atlantic Declaration and Ocean Decade Challenges

Priority Area: Coastal Resilience

Increasing our understanding of the relationship between the ocean and climate and developing outcome-oriented science for mitigating and adapting to the consequences of climate change, particularly for the benefit of increasing resilience of coastal communities.



Priority Area: Ocean Observation

Coordinating Atlantic Ocean observing and improving modeling capacities, including in support of marine ecosystems and biodiversity.



2023 Forum Joint Outcome Statement from the High-Level Board of the All-Atlantic Ocean Research and Innovation Alliance

November 22, 2023



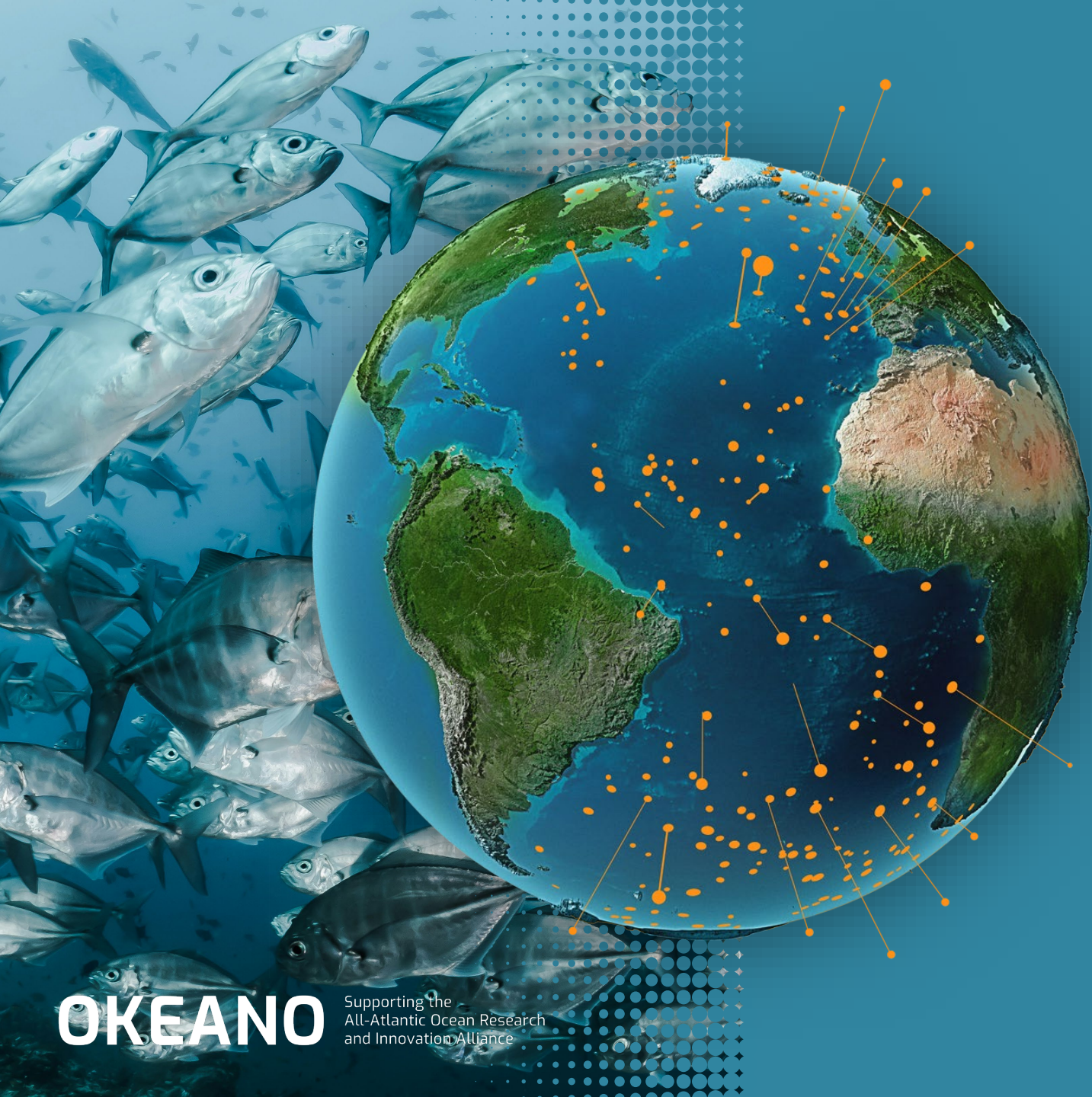
22 November 2023, Cape Town, South Africa

Next Steps: The All-Atlantic Ocean Innovation Forum 2024

Research and
ALL-ATLANTIC
OCEAN
RESEARCH
ALLIANCE



Funded by
the European Union



Contact:

Coordinator:

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<https://allatlanticocean.org/>

X: @AllAtlanticO

OKEANO

Supporting the
All-Atlantic Ocean Research
and Innovation Alliance



Funded by
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Funded by
the European Union

BLUEMISSION AA

Building a coordination hub to support the mission
implementation in the *Atlantic and Arctic Basin*



EU MISSIONS

RESTORE OUR OCEAN & WATERS

BY 2030





MISSION LIGHTHOUSES

Mission lighthouses are sites to test, demonstrate, and deploy the Mission activities across EU seas and river basins.

They try out new ideas and involve local businesses and people in the process.



EU MISSIONS

RESTORE OUR OCEAN & WATERS



Protect and restore marine and coastal ecosystems and biodiversity

ATLANTIC - ARCTIC



Make the blue economy carbon-neutral and circular

BALTIC & NORTH SEA



Protect and restore freshwater ecosystems

DANUBE-BLACK SEA

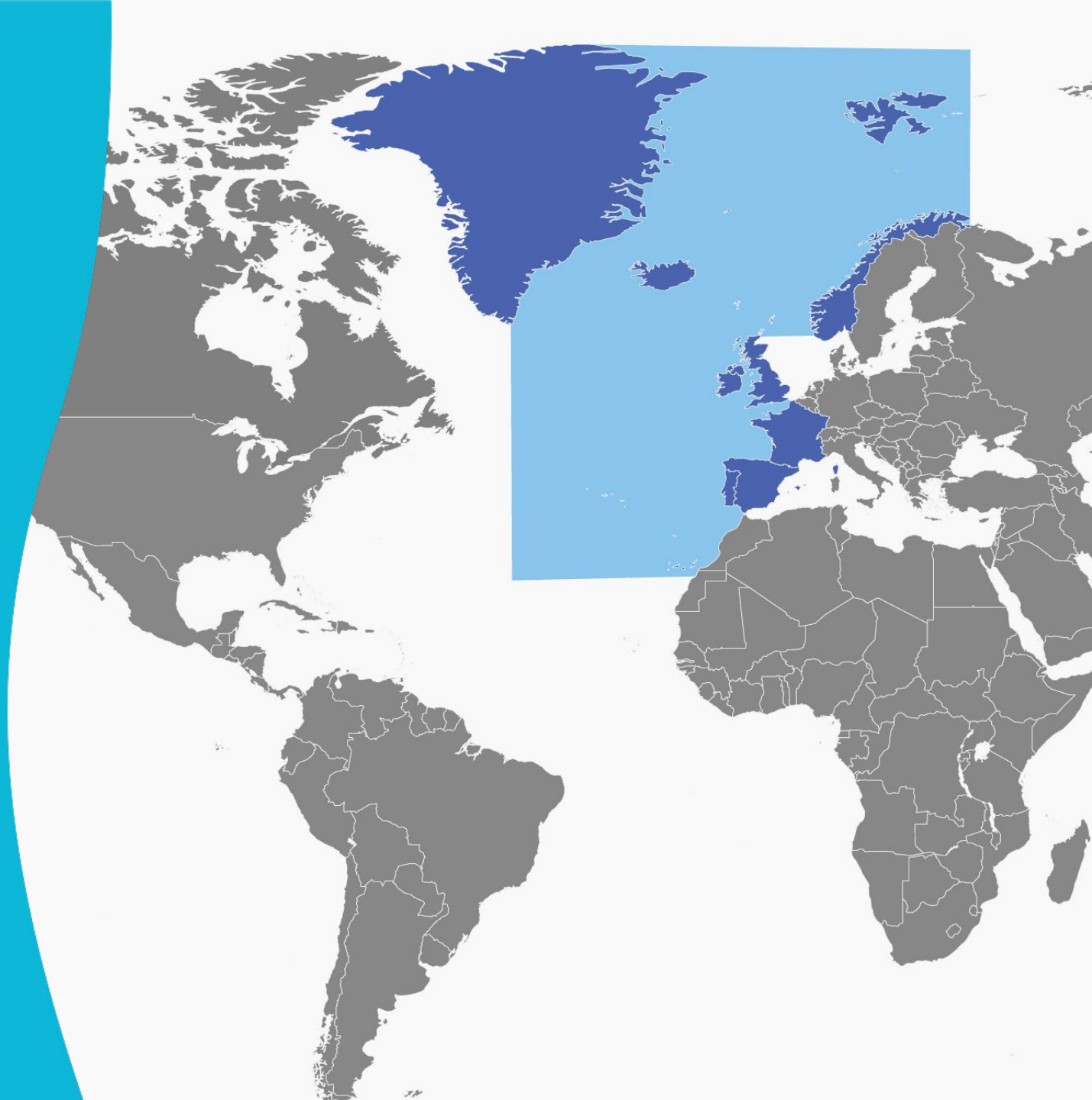


Prevent and eliminate pollution

MEDITERRANEAN



Atlantic & Arctic Lighthouse





REST-COAST

MERLIN

One Coordinating and
Supporting Action
(CSA)

Innovation Actions
(IA)
& Blue Parks

BLUEMISSION AA

Building a coordination hub to support the Mission
implementation in the Atlantic and Arctic Basin



**A-A
AGORA**



CLIMAREST

ICEBERG



OCEANCITIZEN

BLUEMISSION AA

Coordinating the Atlantic & Arctic Lighthouse

wavewlinks.eu

Projects
Use text, keywords and filters to find projects

Search:

Filter by: Start Date: End Date: Funding: Area: Subarea: Funding Source: Mission Ocean Objective: Data Source: Clear All

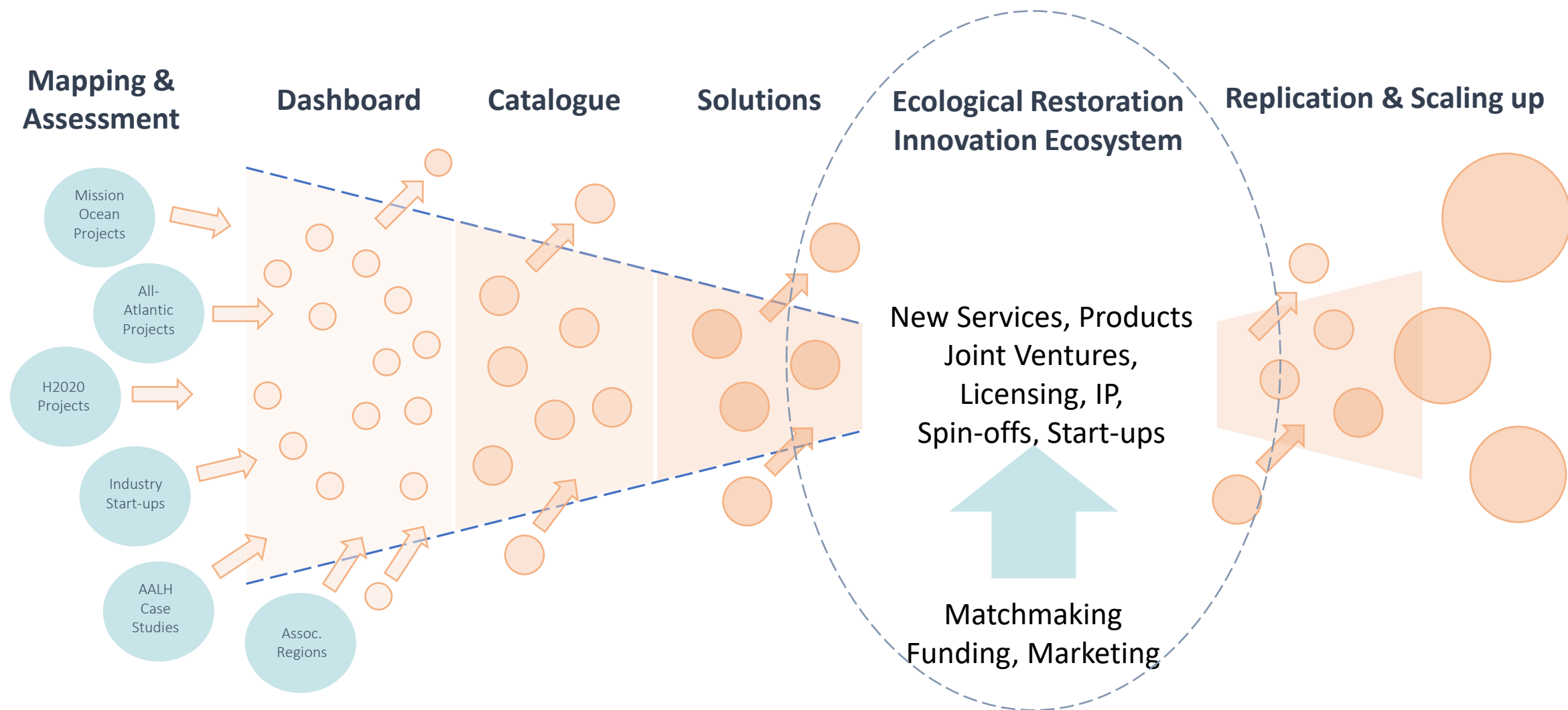
Title	Start date	End date	Area	Subarea	Mission Ocean Objective	Data Source
> Joint Programming Initiative...	2020-10-20	2025-12-31	Arctic		1	On Decade
> Seabed Mining & Resil...	2021-08-01	2025-05-31	Pacific Ocean (North)		1	On Decade
> WE WANT A SEA FREE...	2020-05-10	2020-05-31	Mediterranean Sea		1	Charter
> Establishing a network...	2020-05-11	2024-12-31	Mediterranean Sea		1	Charter
> A Circular Pump-Bus...	2019-12-01	2023-04-30			3	PrepBlue Automatic Mapping
> Transforming Unusable...	2021-07-01	2025-06-30			3	PrepBlue Automatic Mapping
> Marine Online - The Ga...	2022-07-01	2024-12-31	Cross-Basin		1	Charter
> Sustainable ocean arch...	2020-01-01	2020-12-31	Cross-Basin		1	Charter
> Major research charter...	2021-09-18	2023-05-28	Mediterranean Sea		1	Charter
> An augmented ecosystem...	2020-08-01	2020-05-31	Cross-Basin		1	Charter

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BLUEMISSION AA

Innovation Pipeline: from Alternative to Mainstream







Building a coordination hub to support the mission
implementation in the Atlantic and Arctic Basin

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