



# programme

HIGH-LEVEL PUBLIC FORUM

## All-Atlantic Ocean Research Alliance

Charlemagne Building - Rue de la Loi 170, Brussels 6 - 7 February 2020



Research and  
Innovation



## All-Atlantic Ocean Research Forum Charlemagne Building, Brussels 6 – 7 February 2020

Since setting sail on our common Atlantic Ocean journey together, remarkable progress with our marine research and innovation cooperation has been made. We have significantly progressed towards an All-Atlantic Ocean Research Alliance, which joins efforts undertaken with the signing of the European Union – United States – Canada Galway Statement on Atlantic Ocean Cooperation, and the European Union – Brazil – South Africa Belém Statement on Atlantic Ocean Research and Innovation Cooperation.

The All-Atlantic Ocean Research Forum will showcase results and solutions for our citizens and communities from Antarctica to the Arctic, which this cooperation has produced so far, and plan the further implementation of the Galway and Belém Statements. At the Forum, the Atlantic community will define together a vision of how it can strengthen its international cooperation to seize the opportunities and address the common challenges facing the Atlantic Ocean and the communities that depend on it. The Forum will pay particular attention to the projected changes the Atlantic Ocean and its ecosystems will undergo, as outlined in the IPCC Special Report on Oceans and Cryosphere and the IPBES Global Assessment Report on Biodiversity and Ecosystem Services, and to the solutions that research and innovation can provide to our societies.

As an outcome of the Forum, the partners will have together set a new strategic direction for the All-Atlantic Ocean Research Alliance, which can support the implementation of the UN Agenda 2030 for Sustainable Development, the UN Decade of Ocean Science for Sustainable Development and deliver on the priorities such as the European Green Deal, the Horizon Europe Mission Healthy Oceans, Seas, Coastal and Inland Waters and other national or regional commitments taken by the different international partners.

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### OUTLINE OF THE EVENT:

The Programme of the event will take participants through thematic sessions which will feed in the closing session reflecting on the next level of ambition and the way forward for our cooperative scientific efforts in the Atlantic Ocean. Thematic sessions will see short project showcases focused on providing solutions to the challenges faced by our Atlantic Ocean communities, followed by panel discussions between political and community leaders, researchers, industry, Youth Ambassadors and, inspirational speakers from along and across the Atlantic, from the Arctic to Antarctica.

#### **THURSDAY, 6 FEBRUARY 2020**

##### **- CHARLEMAGNE BUILDING, BRUSSELS**

Day one of the Forum will open with welcome remarks followed by inspirational speeches reflecting the insights and knowledge of the latest scientific assessments of the state of our Atlantic Ocean. This will be followed by three thematic sessions focused on A Climate-Resilient Atlantic Ocean; A Living and Diverse Atlantic Ocean; and Unveiling the Resources of the Atlantic Ocean. Each of the sessions will open with project showcases from along and across the Atlantic, highlighting the results of cooperation and their impact on the citizens living on the shores of the Atlantic and their proposed solutions. The panels will gather renowned speakers, the marine research community, industry and Youth Ambassadors, providing complementary perspectives.

#### **FRIDAY, 7 FEBRUARY 2020**

##### **- CHARLEMAGNE BUILDING, BRUSSELS**

Day two of the event will comprise an inspirational wake up session, a blend of roundtable discussions, guest speakers and networking opportunities.

The first session will focus on An Atlantic Ocean Connected to Our Citizens, and will see the presentation of the campaigns developed by our All-Atlantic Ocean Youth Ambassadors. The second session will tackle A Pollution-Free Atlantic Ocean, with project showcases and a panel discussion bringing in the perspectives from our Atlantic Communities.

The afternoon session of day two of the Forum will focus on our next level of ambition as we work together to define a new strategic direction for the All-Atlantic Ocean Research Alliance, from the Arctic to Antarctica, and to provide solutions for the citizens living on its shores.



## Thursday, 6 February 2020

Charlemagne Building, Brussels

Moderator of the Event: Karen Coleman

08:00 – 09:00 Registration and Welcome Coffee

09:00 – 09:30 Territorial Agency: Oceans in Transformation, **TBA21 - Academy**

### WELCOME AND OPENING COMMENTS

09:30 – 10:45 Masters of Ceremony

- **Maria Cristina Russo**, Director International Cooperation, Directorate-General for Research and Innovation, European Commission
- **John Bell**, Director Healthy Planet, Directorate-General for Research and Innovation, European Commission

#### Welcome and Launch of the All-Atlantic Ocean Youth Forum

- **Mariya Gabriel**, European Commissioner for Innovation, Research, Culture, Education and Youth, together with the All-Atlantic Ocean Youth Ambassadors

#### Remarks from High Level Representatives along and across the Atlantic Ocean

- **Marcelo Morales**, Secretary of State, Ministry of Science, Technology, Innovation and Communication, Brazil
- **Maria Da Graça Carvalho**, Member of the European Parliament
- **Craig McLean**, Assistant Administrator for Oceanic & Atmospheric Research and Acting Chief Scientist, National Oceanic and Atmospheric Administration, United States
- **Manelisi Genge**, Chargé d'Affaires a.i. (Ambassador), South African Embassy to Belgium and Luxembourg and Mission to the European Union
- **Hector Cima**, Ambassador of Argentina to the European Union
- **Geneviève Béchard**, Director General Canadian Hydrographic Service, Fisheries and Oceans, Canada
- **Giliardo Nascimento**, Legal adviser, Ministry of Maritime Economy, Cabo Verde
- **Jean François Quérat**, Secrétaire Général Adjoint de la Mer & French Presidency of the EU Atlantic Strategy

### THE CHALLENGES FACING OUR ATLANTIC OCEAN AND OUR COMMUNITIES

10:45 – 11:15 Keynote Address

- **Hans-Otto Pörtner**, Co-Chair Working Group II, Intergovernmental Panel on Climate Change (IPCC), Germany

11:15 – 11:45 Networking Coffee Break



## 11:45 – 12:15 **Keynote Address (including Q&A with the audience)**

- **Robert Watson**, Former Chair Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES), United Kingdom, and **Yunne Shin**, IPBES Coordinating Lead Author, Institut de Recherche pour le Développement, France

## 12:15 – 13:30 **A Climate-Resilient Atlantic Ocean**

This session will discuss how research and innovation can support Atlantic coastal communities to better prepare for, plan and adapt to the effects of climate change and extreme events on the Atlantic Ocean. What forecasting capacity and user-driven ocean observation and data are needed and what measures and solutions communities and industries are taking.

### **Project & Initiatives Showcase: Proposed Solutions**

- **Bruno Pacheco**, President of the Board of Directors of the Atlantic International Research Centre, Azores, Portugal
- **Juliet Hermes**, the ASCA Project, South African Environmental Observation Network
- **Andrea Gerech**, CLIMEFISH, a Horizon 2020 funded project

### **Roundtable Discussion with (including Q&A with the audience)**

- **Janice Trotte Duhá**, Directorate General for Scientific, Technological and Nuclear Development of the Brazilian Navy, Brazil
- **Pierre Bahurel**, Copernicus Marine Service (Mercator Ocean), France
- **Sandy Starkweather**, Executive Director - US Arctic Observing Network, Chair - Sustained Arctic Observation Network, United States
- **Alex Rogers**, REV Ocean, Norway
- **Brad de Young**, the AtlantOS Programme, Canada
- **Warren Joubert**, South African Weather Service, South Africa

*Note-takers: All-Atlantic Ocean Youth Ambassadors*

## 13:30 – 14:45 **Networking Coffee Break**

### **AN ATLANTIC OCEAN OF OPPORTUNITIES**

## 14:45 – 16:00 **A Living and Diverse Atlantic Ocean**

The Ocean is a biologically diverse and highly productive system that provides us with immense sources of food, energy, novel compounds and ecosystem goods and services. This session will discuss solutions for discovering, preserving and restoring the unique and wonderful life in the Atlantic Ocean and the ecosystems it provides for the benefit of coastal communities and the humanity as a whole.



## Project & Initiatives Showcase: Proposed Solutions

- **Murray Roberts**, ATLAS & iAtlantic, Horizon 2020 funded projects
- **Kelly Goodwin**, Atlantic Oceanographic and Meteorological Laboratory, National Oceanic and Atmospheric Administration, United States of America
- **Thato Mtshali**, The SCALE Project, South Africa

## Roundtable Discussion with (including Q&A with the audience)

- **Andreas Kraemer**, Oceano Azul Foundation, Portugal
- **Thandiwe Gxaba**, Deputy Executive Secretary, Technical Services, Benguela Current Convention, Namibia
- **Joanna Dupont-Inglis**, Secretary-General of EuropaBio
- **Shimrit Perkol-Finkel**, EConcrete, Israel
- **Ellen Kenchington**, Research Scientist, Fisheries and Oceans Canada

Note-takers: All-Atlantic Ocean Youth Ambassadors

16:00 – 16:30 **Networking Coffee Break**

## AN ATLANTIC OCEAN OF OPPORTUNITIES

16:30 – 17:45 **Unveiling the resources of the Atlantic Ocean**

The Atlantic Ocean holds the key to fuel, feed, power and heal our communities. Yet, we have only mapped around 5% of the ocean floor, are only beginning to unlock the potential of its microbiome and still need to make progress to sustainably manage the many resources that the Atlantic Ocean provides. This session will discuss how to align international efforts to discover and map the Atlantic Ocean, and how science and research can support the sustainable management of its resources and ensure food security.

## Project & Initiatives Showcase: Proposed Solutions

- **Monica Verbeek**, Seas at Risk, Belgium
- **Thomas Furey**, AORA Atlantic Seabed Mapping International Working Group, Marine Institute, Ireland
- **Ronaldo Christofoletti**, Federal University of São Paulo, Brazil

## Roundtable Discussion with (including Q&A with the audience)

- **Geneviève Béchard**, Director General Canadian Hydrographic Service, Fisheries and Oceans, Canada
- **Alan Leonardi**, Director, NOAA Ocean Exploration and Research Program, United States of America
- **Evaldo Vilela**, President of CONFAP, Brazil
- **David Millar**, Government Accounts Director, Americas, Fugro, United States
- **Alexandra Neyts**, General Secretary, European Aquaculture Technology and Innovation Platform, Belgium
- **Mafaniso Hara**, Institute for Poverty, Land and Agrarian Studies, University of the Western Cape, South Africa

Note-takers: All-Atlantic Ocean Youth Ambassadors



## CONCLUSION OF DAY 1

Thursday, 6 February 2020

### 17:45 – 18:15 **Feedback from side events of 5 February**

- All-Atlantic Ocean Funders' Meeting
- Improving the knowledge of our oceans and seas and bringing them closer to citizens
- Results and progress from the Coordination and Support Horizon 2020 funded projects AORAC-SA & AANChOR
- Atlantic Seabed Mapping International Working Group, Andi Armstrong

### 18:15 – 18:30 **Cultural Performance**

The Atlantic Ocean as an Inspiration, Marine Miséramond, Belgium

### 18:30 – 20:00 **Networking Reception**



## Friday, 7 February 2020

### Charlemagne Building, Brussels

08:00 – 09:00 **Registration and Welcome Coffee**

09:00 – 09:10 **Welcome Address**

- **Manuel Heitor**, Minister of Science, Technology and Higher Education, Portugal

09:10 – 09:25 **Inspirational Wake-up Calls**

- **Fionn Ferreira**, Winner of Google Science Fair 2019, Ireland
- **Thomas Lesage**, Children for the Oceans NGO, France
- **Eleni Marianou**, Secretary General, Conference of Peripheral Maritime Regions, Belgium

### D(R)IVING TOWARDS SOLUTIONS

09:25 – 11:00 **Connecting our Atlantic Ocean to our Citizens**

The Atlantic Ocean is our planetary life-support system. Yet there is a considerable lack of awareness among citizens, the public and decision-makers about the opportunities and challenges of the Atlantic Ocean. This session will discuss the role of science, communication and the next generation to promote awareness, engage citizens and create an emotional connection of the public with the Ocean.

#### Perspectives from:

- **Pascal Lamy**, Chair of Horizon Europe Mission Healthy Oceans, Seas, Coastal and Inland Waters, France
- **James Honeyborne**, Conceptor of Blue Planet II, BBC Documentary, United Kingdom
- **Miho Mazereeuw**, Director, Urban Risk Lab, Massachusetts Institute of Technology, United States of America

#### Connecting our Atlantic Ocean to our Citizens

#### Responses from:

- **Martin Visbeck**, GEOMAR, Germany
- **Abdoulaye Diagana**, Abidjan Convention Secretariat, United Nations Environment Programme, Ivory Coast

#### Q&A with the audience

*Note-takers: All-Atlantic Ocean Youth Ambassadors*

11:00 – 11:30 **Networking Coffee Break**



## 11:30 – 13:00 A Pollution-Free Atlantic Ocean

The Atlantic Ocean and its ecosystems is under threat from a myriad of pressures and pollutants. Oil spills, nutrients, harmful algae blooms such as sargassum, plastic, pathogens and other pollutants are affecting the health of the ocean and are impacting on the livelihoods of coastal communities. This session will discuss which solutions research and innovation can provide to ensure a pollution-free and healthy Atlantic Ocean for present and future generations.

### Project & Initiatives Showcase: Proposed Solutions

- *Remarks from* **Claudia Gintersdorfer**, Head of Division, Regional Affairs, European External Action Service
- **Juan C. Toledo**, Member of the winning team of the 2019 Ocean Hackaton (Campus de la Mer, Brest), Mexico
- **Easkey Britton**, SOPHIE, a Horizon 2020 funded project
- **Katie Cavell**, Executive Secretary, Atlantic Arc Commission, The Clean Atlantic Project, Belgium
- **Badr El Mahrad**, BlueMed Young Ambassador, Morocco

### Roundtable Discussion with (including Q&A with the audience)

- **Geneviève Pons**, Director General, Europe Jacques Delors
- **Maria Zaira Turchi**, Director, Department of Research Infrastructure and Training and Education Policies, Ministry of Science, Technology, Innovation and Communication, Brazil
- **Sigrid Kuehnemund**, Vice President, Ocean Conservation, WWF-Canada
- **Romain Troublé**, Tara Ocean Foundation, France
- **Thato Mtshali**, Southern Ocean Carbon & Climate Observatory, CSIR, South Africa
- **Isabel Sousa Pinto**, Ciimar and Faculty of Sciences, University of Porto, Portugal

Note-takers: All-Atlantic Ocean Youth Ambassadors

## 13:00 – 14:15 Networking Coffee Break

### TOWARDS AN ALL-ATLANTIC OCEAN RESEARCH ALLIANCE

## 14:15 – 14:25 The Global Ocean perspective

- **Vladimir Ryabinin**, Executive Secretary of the Intergovernmental Oceanographic Commission and Assistant Director General of UNESCO

## 14:25 – 14:40 Key outcomes from the roundtables discussions

- **Terry Schaefer**, International Activities Office, National Oceanic and Atmospheric Administration, United States
- **Gilbert Siko**, Director, Marine and Polar Research, Department of Science and Innovation, South Africa
- **Stephen Virc**, Director, Fisheries and Oceans Canada
- **Sigi Gruber**, Head of Healthy Oceans & Seas Unit, Directorate-General for Research and Innovation, European Commission
- **Andrei Polejack**, Ministry of Science, Technology, Innovation and Communications, Brazil





## 14:40 – 15:40 All-Atlantic Ocean Research Alliance

*Working together for a new strategic direction for the All-Atlantic Ocean Research Alliance, from the Arctic to Antarctica, and to provide solutions for the citizens living on its shores.*

### Roundtable Discussion with (including Q&A with the audience)

- **Marcelo Morales**, Secretary of State, Ministry of Science, Technology, Innovation and Communication, Brazil
- **Craig McLean**, Assistant Administrator for Oceanic & Atmospheric Research and Acting Chief Scientist, National Oceanic and Atmospheric Administration, United States
- **Geneviève Béchard**, Director General Canadian Hydrographic Service, Fisheries and Oceans Canada
- **John Bell**, Director Healthy Planet, Directorate-General for Research and Innovation, European Commission
- **Yonah Seleti**, Chief Director: Science Missions, Department of Science and Technology, South Africa
- **Sandra Torrusio**, Comisión Nacional de Actividades Espaciales, Argentina
- **Giliardo Nascimento**, Legal adviser, Ministry of Maritime Economy, Cabo Verde

*Note-takers: All-Atlantic Ocean Youth Ambassadors*

## 15:40 – 16:00 Closing Remarks and Forum Closure

- **Bernhard Friess**, Acting Director-General for Maritime Affairs and Fisheries, European Commission
- **Jean-Eric Paquet**, Director-General for Research and Innovation, European Commission