A NEW ERA OF BLUE ENLIGHTENMENT

LAUNCHING THE EUROPEAN UNION – BRAZIL – SOUTH AFRICA ATLANTIC OCEAN RESEARCH AND INNOVATION COOPERATION

12-14 JULY 2017 | LISBON

#AtlanticAll
High-Level Ministerial and Scientific Event

A NEW ERA OF BLUE ENLIGHTENMENT

Launching the European Union – Brazil – South Africa Atlantic Ocean Research and Innovation Cooperation

ALTIS BELÉM HOTEL
CHAMPALIMAUD FOUNDATION CONGRESS CENTRE
12-14 JULY 2017 | LISBON

PRINTED ON 04 JULY 2017
A NEW ERA OF BLUE ENLIGHTENMENT

Carlos Moedas, European Commissioner for Research, Science and Innovation is hosting a High-Level Ministerial and Scientific event in Lisbon on 12-14 July 2017, joined by government representatives from Europe, Brazil and South Africa, and many other stakeholders from over 25 countries.

This event will celebrate the launch of the South Atlantic Flagship Initiative between the European Union, Brazil and South Africa. This initiative aims to better understand and deepen scientific knowledge of marine ecosystems and the interrelations between oceans and climate change, oceans and food, and oceans and energy systems, as well as the dynamics of the Atlantic Ocean and its interconnected Circulation Systems from Antarctica to the Arctic.

A highlight of the event will see Commissioner Carlos Moedas co-sign, on behalf of the European Union, The Belém Statement on Atlantic Research and Innovation Cooperation with Minister Naledi Pandor, in charge of Science and Technology, South Africa, and Minister of State Gilberto Kassab, in charge of Science, Technology, Innovations and Communications, Brazil. This Statement will build on respective bilateral achievements, namely the bilateral Declarations of Intent on Marine Research and Innovation Cooperation with Brazil and South Africa, and the development of the South-South Framework for Scientific and Technical Cooperation in the South and Tropical Atlantic and Southern Ocean.
The signing ceremony of the Statement will take place at the Belém Tower on 13 July, which bears testimony to some of the first Atlantic voyages, proving a fitting setting to celebrate this strong and successful cooperation.

Moreover, this Statement will realise the mutual benefit that would accrue from closely linking research activities in the South Atlantic and Southern Ocean with those in the North Atlantic, and exploring synergies with other initiatives. By tackling together the grand challenges and opportunities of the Atlantic Ocean as a system, exploiting the benefits it holds for our citizens, we enter A New Era of Blue Enlightenment.
Day one of the event is dedicated to advancing with **Building an Atlantic Ocean Community: Project and Ideas Meeting Place**. This part will comprise 13 sessions organised in parallel throughout the day, and will bring together key stakeholders, industry experts, funding agencies, research-performing organisations, foundations and academia for focused discussions on:

- Climate and ecosystem approaches
- Earth and ocean observation and forecasting systems
- Investment opportunities
- Food security, fisheries management and aquaculture
- Ocean literacy
- National initiatives
- Ocean technology
- Philanthropy and the private sector

This event is a key opportunity for encounters and exchanges, particularly in light of the signing of the Belém Statement.
Day two of the event will celebrate the signing of the Belém Statement and the launch of the South-South Framework for Scientific and Technical Cooperation in the South and Tropical Atlantic and Southern Ocean.

Commissioner Carlos Moedas will be joined by representatives from the Brazilian, South African and Portuguese governments to open the event with welcoming speeches. Following this, David Walton, Chief Scientist, Antarctica Circumnavigation Expedition (ACE) will deliver an inspiring keynote speech.

The opening of the event will be followed by the first roundtable discussion From Vision to Action, From Challenges to Opportunities focusing on the implementation of the Belém Statement against the backdrop of the South-South Framework for Scientific and Technical Cooperation in the South and Tropical Atlantic and Southern Ocean. The objective of this session is to frame the political work of this Atlantic Ocean Research Cooperation as we consider the imperative for research and innovation in linking research activities in the South Atlantic and Southern Ocean with those in the North Atlantic, and explore synergies with other initiatives with the aim to develop a roadmap for this cooperation.

The second roundtable discussion will examine the role of Engaging Foundations and the Private Sector, highlighting the important role that each can play in the implementation of the Belém Statement.

A number of roundtable discussions will continue into the afternoon with renowned speakers and the marine research community gathering at large to discuss on:

- Enhancing Ocean Observations in the Atlantic from Antarctica to the Arctic
- Striving Synergies
- New Marine Value Chains for Atlantic Communities

The signing ceremony of the Belém Statement will take place in the Belém Tower. This will be followed by an informal ministerial lunch. The part of the event is limited to invited high-level guests only.
Day three of the event will comprise a wake up session, a blend of roundtable discussions, guest speakers and networking opportunities with the focus on the following areas:

- Atlantic Ocean Ecosystems Under Pressure
- The Connected Atlantic Ocean: Riding the Next Wave of Ocean Technology and Innovation
- The Atlantic Ocean Entrepreneur-Ship

Rapporteurs from Europe, Brazil and South Africa will provide the key messages from each of the roundtable discussions.

The event will be brought to a close by high-level representatives from Europe, Brazil and South Africa providing the concluding remarks, reflecting on the ways in which research and innovation are critical to furthering our cooperative scientific efforts in the Atlantic Ocean.
AGENDA

WEDNESDAY, 12 JULY 2017

Parallel Sessions
Building an Atlantic Community: Projects and Ideas Meeting Place
Altis Belém Hotel

MEETING ROOM 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>09:30 – 11:00</td>
<td>Sustainably Harvesting Our Marine Resources</td>
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<tr>
<td></td>
<td>DiscardLess, PrimeFish, ClimeFish, MareFrame, FAO</td>
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<tr>
<td></td>
<td>Contact persons: Guðmundur Stefánsson, Lisa Borges, Rosa Chapela, Malcolm Beveridge</td>
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<tr>
<td>11:00 – 12:30</td>
<td>International Council for the Exploration of the Sea (ICES)</td>
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<td></td>
<td>Contact person: Mark Dickey-Collas</td>
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<tr>
<td>12:30 – 13:15</td>
<td>NETWORKING LUNCH</td>
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<tr>
<td>13:15 – 14:45</td>
<td>Euro Marine Network</td>
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<tr>
<td></td>
<td>Contact person: Isabel Sousa Pinto</td>
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<tr>
<td>14:45 – 16:15</td>
<td>H2020 COLUMBUS Project – Knowledge Transfer for Blue Growth</td>
</tr>
<tr>
<td></td>
<td>Contact person: David Murphy</td>
</tr>
<tr>
<td>16:15 – 16:30</td>
<td>COFFEE BREAK</td>
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<tr>
<td>16:30 – 18:00</td>
<td>Tara Oceans</td>
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<td>Contact person: André Abreu</td>
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MEETING ROOM 2

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<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>09:30 – 11:00</td>
<td>Atlantic Ocean Research Alliance Coordination and Support Action (AORA-CSA)</td>
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<tr>
<td></td>
<td>Contact persons: Margaret Rae, Patricia Killian</td>
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<tr>
<td>11:00 – 12:30</td>
<td>Ocean Literacy</td>
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<td>ResponSEable, Sea Change</td>
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<td></td>
<td>Contact persons: Céline Quico, Ana Noronha</td>
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MEETING ROOM 3

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<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>09:30 – 11:00</td>
<td>Connecting to better observe the Atlantic Ocean</td>
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<tr>
<td></td>
<td>AtlantOS, PREFACE</td>
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<tr>
<td></td>
<td>Contact persons: Sabrina Speich, Mahaut de Vareilles</td>
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<tr>
<td>11:00 – 12:30</td>
<td>Connecting to better observe the Atlantic Ocean</td>
</tr>
<tr>
<td></td>
<td>AtlantOS, PREFACE</td>
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<tr>
<td>12:30 – 13:15</td>
<td>NETWORKING LUNCH</td>
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<td>13:15 – 14:45</td>
<td>INCOBRA</td>
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<td>EU – Brazil Cooperation</td>
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<td>Contact persons: Sara Medina and André Barbosa</td>
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<tr>
<td>14:45 – 16:15</td>
<td>ESASTAP</td>
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<td>EU – South Africa Cooperation</td>
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<td>Contact Persons: Arthur Gurschet, Teuns Phahlamohlaka</td>
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<tr>
<td>16:15 – 16:30</td>
<td>COFFEE BREAK</td>
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<tr>
<td>16:30 – 18:00</td>
<td>Connecting to better observe the Atlantic Ocean</td>
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<td>AtlantOS, PREFACE</td>
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<td>18:00 – 19:00</td>
<td>Tara Oceans</td>
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<tr>
<td></td>
<td>Contact person: André Abreu</td>
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<tr>
<td>19:30</td>
<td>NETWORKING COCKTAIL IN THE ALTIS BELÉM HOTEL</td>
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THURSDAY, 13 JULY 2017

Champalimaud Foundation Congress Centre & Belém Tower

Moderator of the Event:
Karen Coleman

08:00 - 08:45  Registration and Welcome Coffee

08:45 – 09:00  Video - Promoting the Values of the Atlantic Ocean

09:00 - 10:00  Welcome Speeches:
Carlos Moedas, European Commissioner for Research, Science and Innovation
Naledi Pandor, Minister of Science and Technology, South Africa
Gilberto Kassab, Minister of State for Science, Technology, Innovations and Communications, Brazil
Manuel Heitor, Minister of Science, Technology and Higher-Education, Portugal

10:00 – 10:15  Keynote Speech:
David Walton, Chief Scientist, Antarctic Circumnavigation Expedition (ACE), Switzerland

10:15 – 11:00  From Vision to Action, From Challenges to Opportunities
João Aguiar Machado, Director-General for Maritime Affairs and Fisheries, European Commission
John Bell, Director of Bioeconomy, Directorate-General for Research and Innovation, European Commission
Jailson Bittencourt de Andrade, Secretary for R&D Policies and Programmes, Ministry of Science, Technology, Innovations and Communications – MCTIC, Brazil
Thomas Auf der Heyde, Deputy Director-General: Research Development and Support, Department of Science and Technology, South Africa
Félix García Lausín, Director of the Iberoamerican Knowledge Space, Iberoamerican General Secretariat (SEGIB), Spain
11:00 – 11:15  Networking Coffee Break

11:15 – 12:00  **Engaging Foundations and the Private Sector**

  Tiago Pitta e Cunha, *Chief Executive Officer, Oceano Azul Foundation, Portugal*

  André Abreu, *Head for Environment and Climate, Tara Expeditions, France*

  Michael B. Jones, *President, The Maritime Alliance, United States of America*

  Pedro Escudero, *Chief Executive Officer, Buggy Power, Portugal*

  Roberto Marcondes, *Adjunct Coordinator for Research Collaborations, The São Paulo Research Foundation, FAPESP, Brazil*

12:00 - 12:15  **Closing of the Morning Session:**

  Ana Paula Vitorino, *Minister of Sea, Portugal*

12:15 – 13:45  Networking Lunch

12:15  **Signing Ceremony of the Belém Statement**

  *Limited to invited guests only*
THURSDAY, 13 JULY 2017

Champalimaud Foundation Congress Centre

13:45 – 15:30  Enhancing Ocean Observations in the Atlantic: from Antarctica to the Arctic

Projects Showcase

Martin Visbeck, AtlantOS – a Horizon 2020 funded project
Ned Dwyer, INTAROS – a Horizon 2020 funded project
Nuno Lourenço, Atlantic Seabed Mapping International Working Group
Moacyr Araujo, Federal University of Pernambuco, Prediction and Research Moored Array in the Tropical Atlantic, (PIRATA), Brazil
Edmo Campos, Senior Professor, SÃO PAULO UNIVERSITY, Brazil & Isabelle Ansorge, Head of oceanography department, university of cape town, South Africa. South Atlantic Meridional Overturning Circulation (SAMOC), Brazil
Pedro Monteiro, CSIR, SOCCO-SOSCEX-GoodHope2018+, South Africa

Roundtable Discussion

Gilles Bessero, Director, International Hydrographic Organisation, Monaco
Pierre-Yves Le Traon, Scientific Director, Mercator Ocean, France
Emily Smail, Blue Planet Scientific Coordinator, United States of America
Paulo Nobre, Researcher, National Institute for Space Research, Brazil
Alakendra Roychoudhury, Geotraces, Stellenbosch University, South Africa

Rapporteurs:
Sabrina Speich, Ecole normale supérieure, France
Leticia Coltrin, State University of Rio de Janeiro, Brazil
Issufo Halo, Cape Peninsula University of Technology, South Africa

15:30 – 15:45  Networking Coffee Break
15:45 – 17:00  **Roundtable Discussion:**

**Striving Synergies**

Remarks from:

- Dirk Schories, Project Management Agency for the Federal Ministry of Education and Research, Juelich Research Centre, Germany
- Gilles Lericolais, Director of European and International Affairs, IFREMER, France
- Pablo Abaunza, Deputy Director, Spanish Institute of Oceanography, Spain
- Pier Francesco Moretti, CNR, Italy
- Paulo Ferrão, President of the Board of Directors, FCT – Fundação para a Ciência e a, Portugal
- Glenn Nolan, Secretary General, European Global Ocean Observing System (EOOS), Belgium

**Rapporteur:**

Laura Mc Donagh, European Commission

17:00 – 18:30  **Roundtable Discussion:**

**New Marine Value Chains for Atlantic Communities**

**Projects Showcase**

- Isabelle Arzul, VIVALDI – a Horizon 2020 funded project
- Anna Kristín Danielsdóttir, MareFrame – an FP7 funded project and ClimeFish – a Horizon 2020 funded project
- Philippe Potin, GENIALG – a Horizon 2020 funded project
- Carlos Magno, Brazilian Agricultural Research Corporation EMBRAPA, Brazil
- Brett Macey, Department of Agriculture, Forestry and Fisheries, SA Key Aquaculture Research, South Africa

**Roundtable Discussion**

General Secretary, European Aquaculture Technology and Innovation Platform, Belgium

Øyvind Fylling-Jensen, Managing Director, NOFIMA, Norway

Wagner Valenti, Senior Research Scientist and Professor, Universidade Estadual de São Paulo, Brazil

Fábio Hazin, Professor, Federal Rural University of Pernambuco, Brazil

Belemane Semoli, Director, Aquaculture and Economic Development, Department of Agriculture, Forestry and Fisheries, South Africa

**Rapporteurs:**

Jacques Fuchs, Retired Official, European Commission

Rodrigo Roubach, Ministry of Science, Technology, Innovations and Communications – MCTIC, Brazil

Mthuthuzeli Gulekana, Department of Environmental Affairs, SA Oceans Ecosystems Research, South Africa

19:00  **Networking Cocktail Reception offered by Manuel Heitor,**

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

Transportation will be provided from the Champalimaud Foundation Congress Centre to the Networking Cocktail Reception, Palácio das Laranjeiras - Estrada das Laranjeiras, 205, 1649-018 Lisbon
FRIDAY, 14 JULY 2017

Champalimaud Foundation Congress Centre

09:00 – 09:15  Wake up Session
Ana Noronha, Executive Director, Ciência Viva, Portugal
Bernardo Corrêa de Barros, President, Sailors for the Sea, Portugal

09:15 – 10:45  Atlantic Ocean Ecosystems Under Pressure
Projects Showcase
Joana Boavida & David Johnson, ATLAS – a Horizon 2020 funded project
Joana Xavier, SponGES – a Horizon 2020 funded project
Helena Calado, MUSES – a Horizon 2020 funded project
José Muelbert, Federal University of Rio Grande, Brazil
Mthutuzeli Gulekana, Department of Environmental Affairs, SA Oceans Ecosystems Research, South Africa

Roundtable Discussion
Michael Schulz, Director, MARUM-Centre for Marine Environmental Sciences, Germany
Ilaria Nardello, Executive Director, European Marine Biological Resource Centre (EMBRC), France
David Johnson, Director, Seascape Consultants, United Kingdom
Angel Perez, Professor, Vale do Itajaí University, Brazil
Isabelle Ansorge, Head of Oceanography Department, University of Cape Town, South Africa

Rapporteurs:
Marta García Gato, European Commission
Wagner Valenti, Universidade Estadual de São Paulo, Brazil
Charine Collins, South African Environmental Observation Network, South Africa

10:45– 11:15  Networking Coffee Break
11:15 – 12:45

The Connected Atlantic Ocean: Riding the Next Wave of Ocean Technology and Innovation

Projects Showcase
Filiz Aslan, MarTERA – A Horizon 2020 ERA-NET Cofund project
Jouni Leinikki, Alleco Ltd – UnderWater Information Technology (UWIT), Finland
José Joaquín Hernández-Brito, Plocan, Spain
Segen Estefen, Federal University of Rio de Janeiro, Brazil
Steward Bernard, CSIR, SA Tech+, South Africa

Roundtable Discussion
Ief Winckelmans, Founder and Principal, Ocean Impact Alliance, Ireland
Donatella Castelli, Researcher Director at CNR-ISTI, Italy
Sveinn Margeirsson, Chief Executive Officer, Matis, Iceland
Janice Trotte-Duhá, Special Adviser to the Director General of Science, Nuclear and Technological Development of the Brazilian Navy, Brazil
Pedro Monteiro, Chief Oceanographer, CSIR-SOCCO, South Africa

Rapporteurs:
Daniel Strugariu, European Commission
José Muelbert, Federal University of Rio Grande, Brazil
Issufo Halo, Cape Peninsula University of Technology, South Africa

12:45 – 13:45

Networking Lunch Break

13:45 – 14:30

The Atlantic Ocean Entrepreneur-Ship
Isidro Laso Ballesteros, The Startup Europe Initiative, European Commission
Manuel Parente, ABYSSAL, Portugal
Irene Díez Ruiz, ECOALF Foundation, Spain
Xolisa Ngwadla, CSIR, South Africa

Rapporteur:
Dina Eparkhina, European Global Ocean Observing System (EOOS), Belgium

14:30 – 15:30

Key Messages from the Roundtable Discussions

Rapporteurs’ interventions
Peter Heffernan, Chief Executive Officer, Marine Institute, Ireland
Segen Estefen, Professor of Ocean Structures and Subsea Engineering, Federal University of Rio de Janeiro, Brazil
Gilbert Siko, Director, Department of Science and Technology, South Africa

Concluding remarks:
John Bell, Director of Bioeconomy, Directorate-General for Research and Innovation, European Commission
Jaime Silva, Adviser, Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs, European Commission (its)
Andrei Polejack, General Coordinator for Oceans, Antarctica and Geosciences, Ministry of Science, Technology, Innovations and Communications – MCTIC, Brazil
Thomas Auf der Heyde, Deputy Director-General: Research Development and Support, Department of Science and Technology, South Africa
A NEW ERA OF BLUE ENLIGHTENMENT
Research and Innovation
12-14 JULY 2017      LISBON

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ATLANTIC OCEAN RESEARCH AND INNOVATION COOPERATION

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