



# A NEW ERA OF BLUE ENLIGHTENMENT



#AtlanticAll

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

12-14 JULY 2017 | LISBON



Research and  
Innovation



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

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# 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 Belém Statement will cement the ambitions for intensifying our joint cooperation areas, which include, among others:

Climate variability and ecosystem approaches

Food security, fisheries management, aquaculture and biodiversity

The effects of emerging pollutants

Ocean observation (including seabed mapping), forecasting and monitoring processes and systems

Oceans technology (including for observation and renewable marine energy)

Polar research (especially interconnections between the Atlantic, the Southern Ocean and Antarctica)

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*.



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## OUTLINE

### DAY ONE

ALTIS BELÉM HOTEL

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

Food security, fisheries management and aquaculture

Ocean technology

Investment opportunities

Ocean literacy

National initiatives

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

CHAMPALIMAUD FOUNDATION CONGRESS CENTRE

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.

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# DAY THREE

## CHAMPALIMAUD FOUNDATION CONGRESS CENTRE

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:

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Atlantic Ocean  
Ecosystems Under  
Pressure

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

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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	MEETING ROOM 2	MEETING ROOM 3
09:30 – 11:00	<b>Sustainably Harvesting Our Marine Resources</b> DiscardLess, PrimeFish, ClimeFish, MareFrame, FAO <i>Contact persons: Guðmundur Stefánsson, Lisa Borges, Rosa Chapela, Malcolm Beveridge</i>	<b>Atlantic Ocean Research Alliance Coordination and Support Action</b> (AORA-CSA) <i>Contact persons: Margaret Rae, Patricia Killian</i>	<b>Connecting to better observe the Atlantic Ocean</b> AtlantOS PREFACE <i>Contact persons: Sabrina Speich, Mahaut de Vareilles</i>
11:00 – 12:30	<b>International Council for the Exploration of the Sea (ICES)</b> <i>Contact person: Mark Dickey-Collas</i>	<b>Ocean Literacy</b> ResponSEable Sea Change <i>Contact persons: Celia Quico, Ana Noronha</i>	
12:30 – 13:15	NETWORKING LUNCH		
13:15 – 14:45	<b>Euro Marine Network</b> <i>Contact person: Isabel Sousa Pinto</i>	<b>INCOBRA</b> EU – Brazil Cooperation <i>Contact persons: Sara Medina and André Barbosa</i>	<b>Connecting to better observe the Atlantic Ocean</b> AtlantOS PREFACE
14:45 – 16:15	<b>H2020 COLUMBUS Project – Knowledge Transfer for Blue Growth</b> <i>Contact person: David Murphy</i>	<b>ESASTAP</b> EU – South Africa Cooperation <i>Contact Persons: Arthur Guischet, Teuns Phahlamohlaka</i>	
16:15 – 16:30	COFFEE BREAK		
16:30 – 18:00	<b>Tara Oceans</b> <i>Contact person: André Abreu</i>	<b>Mercator Ocean Copernicus</b> <i>Contact person: Pierre Bahurel</i>	<b>Connecting to better observe the Atlantic Ocean</b>
18:00 – 19:00	<b>Trans North Atlantic Research and Prospects for South Atlantic Partnership</b> ATLAS, SponGES, Merces <i>Contact persons: Katherine Simpson, Joana Xavier</i>	<b>An Ocean of Impact – How to create an ocean friendly economy</b> Ocean Impact Alliance <i>Contact person: Peter Royers</i>	AtlantOS PREFACE
19:30	NETWORKING COCKTAIL IN THE ALTIS BELÉM HOTEL		

# THURSDAY, 13 JULY 2017

Champalimaud Foundation Congress Centre & Belém Tower

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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

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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 Ansoorge**, *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 Daniélsdóttir**, *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

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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, Seascope Consultants, United Kingdom*

**Angel Perez**, *Professor, Vale do Itajaí University, Brazil*

**Isabelle Ansoorge**, *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 (tbc)*

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*

