



FINAL PROGRAMME

3rd High-Level Industry-Science-Government Dialogue on 'Atlantic Interactions'

IMPLEMENTING THE ATLANTIC INTERNATIONAL RESEARCH CENTRE (AIR CENTRE)

Venue: National Library, Praia
Santiago Island, Cape Verde
7 - 8 May 2018

Detailed Program

Sunday, 6th May: Praia, Santiago (Cape Verde)	
During the day	Arrival of delegations and participants
20:00 – 22:00	Welcome Reception Cocktail at Hotel Oasis Praiamar

Monday, 7th May: Praia, Santiago (Cape Verde)	
08:30 - 09:00	Registration
09:00 – 09:20	<p>Welcome Remarks from Local Authorities:</p> <p>Maritza Rosabal Peña, Minister of Education, Family and Social Inclusion, Cape Verde</p> <p>Jorge Carlos Fonseca, President of the Republic of Cape Verde</p>
09:20 – 09:40	<p>Brief Remarks by Government leaders and representatives:</p> <p>Manuel Heitor, Minister for Science, Technology and Higher Education, Portugal</p> <p>Gilberto Kassab, Minister of Science, Technology, Innovations and Communications, Brazil</p> <p>Domingos Neto, Secretary of State for Science and Technology, Angola</p> <p>Cecil Masoka, Director, Multilateral Cooperation, Department of Science and Technology, South Africa</p> <p>Juan María Vázquez, Secretary General for Science and Innovation, Spain</p>
09:40 – 11:00	<p>Implementing the AIR Centre: Initiatives - 1</p> <p><u>Chair:</u> Gilberto Kassab, Ministry of Science, Technology, Innovations and Communications, Brazil</p> <p><u>Brief introduction:</u> Antonio Sarmiento, Chair of the AIR Centre Installation Committee - AIR Centre implementation (10 min)</p> <p><u>Invited Discussants</u> (8 min each):</p> <ul style="list-style-type: none"> • Josep Martorell, BSC, Spain – Barcelona Supercomputing Center; • Ricardo Galvão, INPE, Brazil – Earth Observation; • Ramiro Neves, MARETEC/IST, Portugal – Ocean modelling; • Alexander Turra, USP, Brazil – Clean and Healthy Oceans; • Jorge Del Rio Vera, UNOOSA – Space Supporting the Sustainable Development Goals; • Rosalia Vargas, Ciencia Viva, Portugal – Democratization of Science. <p><u>Debate</u> among Ministers and scientific and business leaders</p>
11:00 - 11:30	Coffee Break

11:30 - 13:00	<p>Implementing the AIR Centre: Initiatives - 2</p> <p><u>Co-Chairs:</u></p> <p>Juan María Vázquez, Secretary General, Science & Innovation, Spain</p> <p>Cecil Masoka, Director, Multilateral Cooperation, Department of Science and Technology South Africa</p> <p><u>Brief introduction:</u> Doug Hart, MIT, USA - Monitoring the World's Oceans</p> <p><u>Brief invited speeches (8 min each):</u></p> <ul style="list-style-type: none"> • Susan Barr, IASC - International Arctic Science Committee - The IASC and T-MOSAIC); • Gregory Jenkins, Penn State, USA – Emerging Trends in West Africa and Cape Verde). • Eduardo Silva, Portugal – TEC4SEA: Technological Challenges in Ocean Observation, Exploration and Exploitation; • José Fortes, University of Florida, USA - CENTRA: A Possible Partnership Framework for AIR Transnational Research; • Augusto Gadelha, LNCC, Brazil - The National Laboratory of Scientific Computing; • Fernando Lobo Pereira, FEUP, Portugal, on behalf of João Borges de Sousa, FEUP, EUMR PI - EU Marine Robotics. <p><u>Debate</u> among Ministers and scientific and business leaders</p>
13:00 –14:00	<p>Lunch</p>
14:00 – 15:30	<p>Implementing the AIR Centre: Developing the network</p> <p><u>Chair:</u> Carlos Ferreira Santos, Ocean Science Centre Mindelo, Cabo Verde;</p> <p><u>Brief introduction (10 min):</u> Marco Borra, EMBRC-ERIC, Italy – EMBRC-ERIC: A Global Reach Research Infrastructure</p> <p><u>Brief presentation (10min):</u> Gui Menezes, Azores Regional Government</p> <p><u>Invited speakers (8 min each):</u></p> <ul style="list-style-type: none"> • Andrei Polejack, MCTIC, Brazil – Developing the AIR Centre Network: Proposal by Brazil • José Joaquín Hernández Brito, Plocan, Spain - Implementing the AIR Centre: Developing the Network; • Carlos Ferreira Santos, Ocean Science Centre Mindelo, Cabo Verde – Ocean Science Centre Mindelo: A joint initiative of and operated by GEOMAR and INDP; • Cecil Masoka, Director, Multilateral Cooperation, Department of Science and Technology, South Africa, on behalf of Nicole du Plessis, SAEON – South African Environmental Observation Network, South Africa – Building Academic Networks in South Africa and Abroad. <p><u>Debate</u> among Ministers and scientific and business leaders</p>
15:30 –16:00	<p>Coffee Break</p>
16:00 - 17:30	<p>Implementing the AIR Centre: Developing knowledge-based economic and social ecosystems</p> <p><u>Chair:</u> Manuel Heitor, Minister for Science, Technology and Higher Education, Portugal</p> <p><u>Brief introduction (10 min):</u> Nick Veck, Catapult Satellite Applications, UK - Implementing the AIR Centre: Developing Business Ecosystems</p>

	<p><u>Invited speakers</u> (8 min each):</p> <ul style="list-style-type: none"> • Samy Djavidnia, GEO Blue Planet, Italy – Earth Observation in support of coastal and ocean services; • Ned Dwyer, EurOcean, Ireland – From Science to Innovation – A Sea Change is needed for improved marine Knowledge Transfer; • Michael Lawrence, DEIMOS UK – Atlantic GEOSS, EO for development; • Juan Carlos Cortez, CDTI, Spain – Spanish space assets relevant to the Air Center; • Wilsa Atella, Ambidados, Brazil – Implementing the AIR Centre: Developing knowledge-based economic and social ecosystems; • Ana Noronha, Ciencia Viva, Portugal – Science culture and education. <p><u>Debate</u> among Ministers and scientific and business leaders</p>
17:30 - 18:00	<p>Closing Remarks:</p> <p>Glória da Graça Vaz do Rosário, General Directorate of Higher Education and Science, Sao Tome and Principe</p> <p>Juan María Vázquez, Secretary General for Science and Innovation, Spain</p> <p>Gui Menezes, Regional Secretary for the Sea, Science and Technology, Azores</p> <p>Domingos Neto, Secretary of State for Science and Technology, Angola</p> <p>Cecil Masoka, Director, Multilateral Cooperation, Department of Science and Technology, South Africa</p> <p>Gilberto Kassab, Ministry of Science, Technology, Innovations and Communications, Brazil</p> <p>Manuel Heitor, Minister for Science, Technology and Higher Education, Portugal</p> <p>José Gonçalves, Ministry of Maritime Economy, Cape Verde</p>
18:00	Signing of Conclusions & Family Photo
20:00	Dinner

Tuesday, 8th May: Praia, Santiago (Cape Verde)

8:45 - Opening words: Olavo Correia Vice Prime Minister, Cape Verde

09:00 – 11:00	Parallel Workshops: challenges for the AIR Centre’s Scientific Program	
	<p><u>Clean, healthy and sustainable oceans</u></p> <p>Observing, modelling and monitoring oceans and coasts</p> <p>Coordinator:</p> <ul style="list-style-type: none"> • Ramiro Neves MARETEC/IST – Clean Healthy and Sustainable Oceans: Observing, Modelling and Monitoring, Oceans and Coastal Zones <p>Presenters:</p> <ul style="list-style-type: none"> • Luiz Paulo Assad, LAMCE / COPPE RJ - Numerical Modelling and Data Assimilation applied to the South Atlantic Ocean; • Paula Sobral, MARE – Microplastics; • Josep Pellegrí, CSIC - Some examples of Spanish monitoring initiatives. 	<p><u>Data Science and systems for ocean, atmosphere and climate issues</u></p> <p>Matching data producers and user needs: developing the AIR_DataNet</p> <p>Moderator:</p> <p>Coordinator:</p> <ul style="list-style-type: none"> • Rui Oliveira, MACC / INESC TEC, Portugal <p>Presenters:</p> <ul style="list-style-type: none"> • Josep Martorell, BSC, Spain – Some thoughts on the AIR Data Net implementation; • Ivo Vieira, Lusospace, Portugal – AtON Project; • Jose Fortes, iDigBio, USA – iDigBio: data management systems and opportunities for collaboration; • Luiz Landau, LAMCE / COPPE RJ, Brazil – HPC4E Project; • Anabela Oliveira, LNEC), Portugal – The OpenCoasts Service: On-demand Operational Coastal Circulation Forecast Services
11:00 - 11:30	Coffee Break	
11:30 - 13:00	<p><u>Sustainable Marine Resources and Biodiversity</u></p> <p>Fisheries, offshore aquaculture and renewable energies, ecosystem valorisation</p> <p>Coordinator:</p> <ul style="list-style-type: none"> • Jose Joaquín Hernandez Brito, PLOCAN, Spain <p>Presenters:</p> <ul style="list-style-type: none"> • Pedro Afonso Santos, University of Azores, Portugal – Open-ocean and Deep-sea research priorities; • Pablo Abaunza, IEO, Spain – Sustainable Marine Resources and Biodiversity; 	<p><u>Earth observation in the Atlantic Ocean and coasts: from deep sea to outer space</u></p> <p>Developing tools for informed policy making, business development and citizen participation</p> <p>Coordinator:</p> <ul style="list-style-type: none"> • João Lorenzetti, INPE, Brazil <p>Presenters:</p> <ul style="list-style-type: none"> • Nuno Catarino, Deimos, Portugal – Atlantic GEOSS; • Francisco Vilhena, Tekever, Portugal - Building the AIR Centre from the Industry; • Julio Pimenta Lima, INMG, Cape Verde;

	<ul style="list-style-type: none"> • Antonio Sarmento, AIR Centre, Portugal – Global Energy Interconnections; • Rui Patricio Freitas, University of Cape Verde, Cape Verde – Challenges of Coastal Oceanography in Cape Verde. 	<ul style="list-style-type: none"> • Eduardo Pereira / Tiago Miranda, IB-S, Portugal – IB-S initiatives in Oceanic Systems and Adaptation to Global Changes
13:00 – 14:00	Lunch break	
14:00 – 15:30	<p>Industry-Science-Government relationships and challenges for the AIR Centre’s Scientific Program</p> <p><u>Co-Chairs:</u></p> <p>Paulo Ferrão, Portuguese Foundation for Science and Technology, Portugal</p> <p>Juan María Vázquez, Secretary General for Science and Innovation, Spain</p> <p>Cecil Masoka, Director, Multilateral Cooperation, Department of Science and Technology, South Africa</p> <p>Reports from workshops: Workshop rapporteurs (60 min)</p>	
15:30 - 16:00	Coffee Break	
16:00 - 16:45	<p>Knowledge for all for the AIR Centre: Promoting science culture and education</p> <p><u>Co-Chairs:</u></p> <p>Rosalía Vargas, Ciencia Viva, Portugal</p> <p>Jerry Miller, Science for Decision, USA</p> <p>Andrei Polejack, MCTIC, Brazil</p> <p>Reports from workshops: Workshop rapporteurs (60 min)</p>	
16:45 - 17:00	<p>Closing Remarks</p> <p>Amadeu Cruz, Secretary of State for Education, Cape Verde</p> <p>Ulisses Correia e Silva, Prime Minister, Cape Verde</p>	
17:00 – 19:00	AIR Centre Steering Committee Meeting	