



## GLOBAL CLIMATE ACTION

### OCEANS

12 November 2016

The global ocean is fundamental to sustaining life on Earth; it is a major carbon sink, it absorbs heat, and produces half the oxygen we breathe. Shipping, fisheries and aquaculture, energy, biotechnology, and mineral and biological extraction, generate USD 3-6 trillion, and are seen as a major avenue for achieving the UN Sustainable Development Goal (SDG) 14 on oceans and seas through Blue Economy. However, climate change is having profound and regionally diverse impacts on ocean ecosystems and services. Considerable capacity development and financing are required to address the challenge of climate change, especially for coastal and small island populations.

COP 21 highlighted the importance of oceans in the climate system through the mobilization of over 150 parties and 40 ocean-related events. COP 22 will translate mobilization into action, with an adaptation and mitigation package including innovative measures, supported by ambitious financing mechanisms and capacity development measures.

The Oceans Action Event at COP 22 will showcase how the world is tackling climate change impacts on oceans, seas, and coastal and island contexts. **The purpose** is to review initiatives launched in COP 21 as part of the Lima-Paris Action Agenda, announce new initiatives, with multi-national and multi-stakeholder contributions to the solution space.

### SHOWCASE OCEANS

10.00-12.30

#### Invited Speakers (TBC)

The event will feature high-level political leaders from around the world, heads of international agencies, NGOs, technical/policy experts, and private sector representatives to:

- Highlight examples of adoption and implementation of the Paris Agreement;
- Lend political support and provide suitable policy options in the implementation of actions on oceans, seas, coasts, and small islands developing States (SIDS) issues in the context of the Paris Agreement and the SDGs, especially SDG 14 on oceans and seas;
- Connect the oceans, coasts and climate initiatives generated at and following COP 21 with national actions plans, initiatives and commitments, such as the Nationally



Determined Contributions (NDCs) and the SDGs (as called for in the Road Map for Global Climate Action);

- Showcase and promote financial support and capacity development to enable nations to fulfil their NDCs, with special emphasis on oceans, seas and coasts, and on the concerns from SIDS and African States;
- Develop specific next steps for advancing the oceans and climate issues in the UNFCCC process in the next phase, as part of the Road Map for Global Climate Action, and to implement UN SDG 14.

The Action Event and Dialogue for Oceans will culminate in an **Outcome Document**. The Outcome document will make the following key recommendations:

1. *Supporting WB- AfdB – FAO initiative on Ocean economy and climate change in Africa;*
2. *Supporting the Morocco-FAO Blue Belt initiative;*
3. *Encouraging innovation in the design and implementation of adaptation and mitigation measures at household, local, national and regional levels involving public and private sectors (technology/science solutions, insurance schemes, etc.);*
4. *Reiterating the importance of healthy ecosystems in the adaptation to and mitigation of climate change impacts and highlighting the need to support countries in achieving SDG 14.*

<b>10:00-10:40</b>	<p><b><i>Opening ceremony</i></b></p> <p><u>Climate Champion</u>: H.E. Minister Dr. Hakima El Haite, Morocco and High-Level Champion on Climate</p>
<p><b>Speakers</b></p> <ul style="list-style-type: none"> <li>• High-Level Representative Kingdom of Morocco (TBC)</li> <li>• HSH Prince Albert II of Monaco</li> </ul> <p><b>Keynote speakers representative of Presidency:</b></p> <ul style="list-style-type: none"> <li>• H.E. Minister Aziz Akhannouch, Minister of Agriculture and Fisheries, Morocco</li> <li>• H.E. Graziano da Silva, FAO Director General (or H.E. Maria-Helena Semedo, FAO Deputy Director General)</li> <li>• H.E. Ségolène Royal, Minister of the Environment, Energy and the Sea, France, President of COP 21</li> </ul>	



<p><b>10:45–11:15</b></p>	<p><i>Plenary High-level Showcase Segment</i></p> <p><b>Oceans and Climate: Solutions to the Core Issues (Food Security, Mitigation, Adaptation, Building resilience) Part 1.</b></p> <p><u>Moderator</u>: Mr Arni Mathiesen, Assistant Director General FAO (or Prof Manuel Barange, FAO Fisheries and Aquaculture Director)</p> <p>Speakers (5'each, 5'summary from Convenor)</p> <ul style="list-style-type: none"> <li>• H.E. Catherine Novelli, Undersecretary of State, US</li> <li>• H.E. Ms. Susi Pudjiastuti, Minister of Marine Affairs and Fisheries, Indonesia</li> <li>• Ms. Laura Tuck, WB Vice President, Sustainable Development</li> <li>• Dr. Abdelmalek Faraj, Director of the Institut National de Recherche Halieutique, Morocco</li> </ul>
<p><b>11:20–11:50</b></p>	<p><b>Oceans and Climate: Solutions to the Core Issues (Food Security, Mitigation, Adaptation, Building Resilience) Part II</b></p> <p><u>Moderator</u>: Dr. Biliana Cicin-Sain President, Global Ocean Forum</p> <p><b>Speakers (5'each, 5'summary from Convenor)</b></p> <ul style="list-style-type: none"> <li>• H.E. Karmenu Vella, Commissioner on Environment, Maritime Affairs and Fisheries, European Commission</li> <li>• H.E. Dr. Thani Ahmed Alzeyoudi, Minister of Climate Change and Environment, UAE</li> <li>• H.E. Ambassador Ronald Jumeau, Ambassador for Climate Change and SIDS, Seychelles</li> <li>• Mr. Paul Polman, CEO Unilever</li> </ul>
<p><b>11:55–12:30</b></p>	<p><b>Oceans and Climate: Science Solutions</b></p> <p><u>Moderator</u>: H.E Irina Bokova, Director-General of UNESCO (or Dr Vladimir Ryabinin, Executive Secretary IOC-UNESCO or Françoise Gaill, coordinator of the Scientific Committee of the Ocean and Climate Platform)</p> <p><b>Speakers (5'each, 5'Summary from Covenor)</b></p> <ul style="list-style-type: none"> <li>• Dr. Hoesung Lee, Chairman of the IPCC</li> <li>• Prof. Jane Lubchenco, Oregon State University, USA</li> <li>• H.E. Heraldo Munoz Valenzuela, Minister of Foreign Affairs, Chile</li> </ul> <p>Ms. Dawn Martin, CEO, Ceres</p>



## DIALOGUE OCEANS

13.30-16.00

<b>13:30-14:05</b>	<b><i>Dialogue segment 1: Adaptation Challenges and Opportunities</i></b>
<p><b>Description</b>          Much can be done at the household, community and sector levels to support the resilience of ocean-dependent sectors through practical options, innovative insurance schemes, participatory monitoring systems and disaster risk management. The sectors can also benefit from enabling environments that allow for adaptability and sustainability without negatively affecting other sectors. This session will provide practical examples of good practice in adapting sectors and societies to climate-driven changes.</p> <p><b>Moderator</b></p> <ul style="list-style-type: none"> <li>• Mr. Erik Solheim, Executive Director, UNEP</li> </ul> <p><b>Lead speakers</b></p> <ul style="list-style-type: none"> <li>• Ms. Minpeng Chen, Co-chair of UNFCCC Adaptation Committee.</li> <li>• Ms. Maria Damanaki, CEO, The Nature Conservancy</li> <li>• Ambassador Mr. Caleb Otto, Ambassador and Permanent Representative of Palau to the United Nations</li> <li>• Ms. Daria Mokhnacheva International Organization for Migration.</li> </ul> <p><b>Additional Resources</b></p> <ul style="list-style-type: none"> <li>• Mr. David Bresch, Global Head, Sustainability, Swiss Re</li> </ul>	
<b>14:10-14:45</b>	<b><i>Dialogue segment 2: Mitigation Actions and NDCs</i></b>
<p><b>Description</b>          The Ocean is a net sink of Carbon, through processes that range from the solubility pump to Blue Carbon storage. This session will investigate a) opportunities to support the natural system's removal of GHG emissions through Blue Carbon and bioengineering solutions; b) challenges to reduce the energy and fuel consumption of ocean production systems; and c) the sector's role in providing alternative energy sources.</p> <p><b>Moderator</b></p> <ul style="list-style-type: none"> <li>• Mr. Kitack Lim, Secretary-General of the International Maritime Organization</li> </ul> <p><b>Lead speakers</b></p> <ul style="list-style-type: none"> <li>• H.E. Josh Frydenberg, Minister of the Environment, Australia, and the International Partnership on Blue Carbon</li> <li>• Mr Esben Poulsen, Chairman, International Chamber of Shipping</li> <li>• Mr Patrick Joleaud, Directeur Général, CMA CGM Maroc: Report on 'Shipping on the Road to Energy Transition: Innovation'</li> </ul>	



- H.E. Manuel Pulgar Vidal, former Environment Minister of Peru, global lead for Climate and Energy WWF

**Additional Resources**

- *Mr. Raffael Jovine, Founder & Chief Scientist of Algae Ltd*
- *Ms. Dorothee Herr, IUCN*

**14:50-15:25**

***Dialogue segment 3: Access to Finance and Building Capacity for the Blue Economy Under Climate Change***

**Description**

Seas and oceans have great potential for innovation and growth in a number of sectors, to contribute to eradicating poverty, as well as sustained economic growth, enhancing social inclusion, improving human welfare and creating new opportunities for employment and decent work for all, while maintaining the healthy functioning of the ocean's ecosystems.

**Moderator**

*Mr. Tiago Pitta e Cunha, CEO, Oceano Azul Foundation, Portugal*

**Lead speakers**

- *Dr. Angus Friday, Ambassador of Grenada to the United States, Co-Chair, Blue Growth Network*
- *Dr. Samba Bocary TOUNKARA, Expert en Chef/Chief Expert, Division Environnement et Développement Durable, African Development Bank*
- *Mr Howard Bamsey, Executive Director, Green Climate Fund*
- *Mr. Hiroshi Terashima, President, Ocean Policy Research Institute, Sasakawa Peace Foundation, Japan*

**Additional Resources**

- *Ms. Hrund Hafsteinsdottir, Deputy Chief Negotiator for Climate, Ministry for Foreign Affairs, Iceland*
- *Mr. John Gilmer, Head of Global Partnerships, Web Summit*

**15:30-16:00**

***Summary and Closure***

**Speakers**

- *Ambassador Peter Thomson, Fiji, President of the UN General Assembly and Co-Chair, UN Group of Friends on Oceans and Seas*

*From Marrakech 2016 to New York 2017: What We Must Accomplish to Implement the Paris Agreement and to fulfil the SDG 14 on Oceans and Seas*

- *Ms. Naoko Ishii, Chairperson and CEO, Global Environment Facility*

*Opportunities for Advancing the Oceans and Climate Issues in the Next Phase*



- Concluding Remarks from the Main Organizers of the Oceans Action Day
- Concluding remarks COP 23 Representative

**Moderator**

- *Biliana Cicin-Sain, Global Ocean Forum*
- *Manuel Barange, FAO*