

Second meeting of the fourth session of the structured expert dialogue on the 2013-2015 review (SED 4-2)

**Palais des Nations, Building A, salle (meeting room) XII
Geneva, Switzerland
8-9 February 2015**

Agenda

PART 3: Information from UN Agencies and international organizations, and from processes under the Convention - Sunday, 8 February (15.00–18.00 hrs)

15.00–15.10	Opening and welcome remarks by Tomasz Chruszczow, Chair of the Subsidiary Body for Scientific and Technological Advice (SBSTA), and Amena Yauvoli, Chair of the Subsidiary Body for Implementation (SBI)	
15.10–16.00	Presentations by experts	
15.10–15.20	15.20–15.30	Enhanced adaptation action in the context of the 2 °C limit to global warming. Juan Hoffmaister, Co-Chair of the Adaptation Committee (AC)
15.30–15.40	15.40–15.50	Connecting biodiversity with climate change mitigation and adaptation. David Cooper, Director, Science, Assessment and Monitoring, Convention on Biological Diversity (CBD)
15.50–16.00	Desertification and land degradation and their impact on natural ecosystems and food security. Sergio Zelaya, Special Advisor on Global issues, United Nations Convention to Combat Desertification (UNCCD)	
		Capacity building and education: supporting adaptation and mitigation action. Amena Yauvoli, SBI Chair
		Development and transfer of technologies in the context of the 2 °C limit to global warming. Jukka Uosukainen, Director, Climate Technology Centre & Network (CTCN)
16.00–18.00	General discussion	
All participants and experts (Alexander Baklanov (WMO), Christina Chan (AC), Renate Christ (IPCC), David Cooper, Fatima Denton (African Climate Policy Centre (<i>tbc</i>)), Diane McFadzien (SPREP), Juan Hoffmaister, Paul Leadley (CBD), Jerry Lengoasa (WMO), Boram Lee (World Climate Research Programme), Axel Michaelowa (IPCC), Guy Midgley (IPCC), Leonard Nurse (CCCCC), Lars-Otto Reiersen (AMAP), Thomas Stocker (IPCC), Deon Terblanche (WMO), Jukka Uosukainen, Sonja Vermeulen (CGIAR-CCAFS), Phillip Williamson (CBD), Amena Yauvoli, Sergio Zelaya)		
16.00–17.00	Guiding questions on theme 2: ¹	
<ul style="list-style-type: none"> • Where has promising progress been achieved and what barriers to adaptation of which ecosystems, which agricultural systems, and which developing regions have been identified? • What progress has been made in building capacity and educating on climate change? What are the main barriers to these efforts? What could be done to overcome these? • What success stories exist in relation to national and regional actions that have enhanced the effectiveness of technology policies? • What progress has been made on funding for climate action? What barriers and opportunities exist to the upscaling of climate finance flows? 		
17.00–18.00	Guiding questions on theme 1: ²	
<ul style="list-style-type: none"> • Can ecosystems adapt naturally with respect to the transformation pathways 		

¹ Overall progress made towards achieving the long-term global goal, including a consideration of the commitments under the Convention.

² The adequacy of the long-term global goal in the light of the ultimate objective of the Convention.

		<p>compatible with a long-term global goal of 2 °C or 1.5 °C respectively? Which ecosystems are the most at risk? Which the least? What is the role of biodiversity for adaptation in general and which specific opportunities exist, such as ecosystem based adaptation?</p> <ul style="list-style-type: none"> • What role can capacity building and education play in achieving the long-term global goal? • Which transformation pathways compatible with a 1.5 °C or a 2 °C warming compared to pre-industrial levels are projected to threaten food production or offer the most opportunities? • What barriers or opportunities to climate-smart agriculture and adaptation in the fisheries sector are projected to exist for emission pathways consistent with a 1.5 °C and 2 °C warming compared to pre-industrial levels? • What are the key opportunities and barriers to adaptation, which are projected to exist for emission pathways consistent with a 1.5 °C and 2 °C warming compared to pre-industrial levels? • What level of climate finance will be required to achieve the long-term global goal? What are the key factors that need to be in place to ensure that such a level is reached?
--	--	---

PART 4: Regional and emerging information - Monday, 9 February (10.00 – 13.00 hrs)

10.00–10.10	Remarks by SED co-facilitators	
10.10–11.00	Presentations by experts on regional information on observed impact of climate change	
	10.10–10.20	A Caribbean perspective. Leonard Nurse, Chairman of the Board of Governors, Caribbean Community Climate Change Centre
	10.20–10.30	Views from the Pacific. Diane McFadzien, Climate Change Advisor, Secretariat of the Pacific Regional Environment Programme
	10.30–10.40	An African perspective. Fatima Denton, Director, Special Initiatives Division and Coordinator, African Climate Policy Centre (<i>tbc</i>)
	10.40–10.50	An Arctic perspective. Lars-Otto Reiersen, Executive Secretary, Arctic Monitoring and Assessing Secretariat
	10.50–11.00	Agriculture and food security in a changing climate. Sonja Vermeulen, Head of Research, CGIAR Research Program on Climate Change, Agriculture and Food Security
11.00–12.00	General discussion	
	All participants and experts (Alexander Baklanov, Christina Chan, Renate Christ, David Cooper, Fatima Denton (<i>tbc</i>), Diane McFadzien, Juan Hoffmaister, Paul Leadley, Jerry Lengoasa, Boram Lee, Guy Midgley, Leonard Nurse, Clifford Polycarp (GCF), Lars-Otto Reiersen, Thomas Stocker, Deon Terblanche, Jukka Uosukainen, Sonja Vermeulen, Phillip Williamson, Sergio Zelaya)	
	11.00–12.00	<p>Guiding questions on theme 2</p> <ul style="list-style-type: none"> • What are the most recent findings in relation to observed regional impacts? • Are there regions in which some ecosystems cannot adapt naturally? Is their adaptation assisted or might it help to assist them by which means? What are the consequences for agriculture and development? • What challenges does global warming pose to agricultural practices, policies and measures, from a regional perspective? • What challenges does global warming pose to sustainable development from a regional perspective? • How has progress towards the long-term global goal varied across regions? • How do opportunities and barriers to adaptation and mitigation vary across regions?
	12.00–13.00	<p>Guiding questions on theme 1</p> <ul style="list-style-type: none"> • Which risks vary the most across regions? How do these risks vary at various levels of warming, notably with a warming of 1.5 °C and 2 °C relative to pre-

		<p>industrial levels?</p> <ul style="list-style-type: none"> • How do risks for vulnerable ecosystems vary across regions at different levels of warming, notably with a warming of 1.5 °C and 2 °C relative to pre-industrial levels? • How do regional food security risks vary at different levels of warming, notably with a warming of 1.5 °C and 2 °C relative to pre-industrial levels? • How do observed impacts including those of sea level rise and extreme events vary across regions and at different levels of warming, notably with a warming of 1.5 °C and 2 °C relative to pre-industrial levels? • What is from a regional perspective the future of ecosystems, agriculture, and sustainable development in the context of climate variability, climate change and uncertainty about future climate conditions?
--	--	--

PART 4: Regional and emerging information - Monday, 9 February (15.00 – 16.30 hrs)

15.00 – 15.03	Remarks by SED Co-facilitators	
15.03 – 15.25	Presentations by experts	
	15.03–15.15	Reflections and lessons learned on the science-policy interface. Rajendra Pachauri, Chair of Intergovernmental Panel on Climate Change
	15.15–15.25	Current state of the climate and updated information published after the cut-off dates for literature to be considered for AR5. Jerry Lengoasa, Deputy Secretary-General, World Meteorological Organization
15.25 – 16.00	General discussion All participants and experts (Alexander Baklanov, Christina Chan, Renate Christ, David Cooper, Fatima Denton (<i>tbc</i>), Diane McFadzien, Juan Hoffmaister, Paul Leadley, Jerry Lengoasa, Boram Lee, Guy Midgley, Leonard Nurse, Rajendra Pachauri, Clifford Polycarp, Lars-Otto Reiersen, Thomas Stocker, Deon Terblanche, Jukka Uosukainen, Phillip Williamson, Sergio Zelaya)	
	Guiding questions <ul style="list-style-type: none"> • What are the benefits and limitations of the current science-policy interface? How can we enhance this interface further? • What are the most recent findings in relation to the current state of the climate, including extreme events and the most vulnerable regions such as the Polar Regions and other regions? How do these complement the findings of the AR5? • How do the observed impacts, notably of sea level rise and extreme events, vary across regions and at different levels of warming? 	
16.00 – 16.30	Closing of the SED Closing remarks by the SED co-facilitators	