

**Fourth meeting of the structured expert dialogue  
on the 2013-2015 review (SED 4)**

**Lima, Peru  
2 – 3 December 2014  
Room Abancay Zone E13  
Agenda**

**PART 1: Tuesday, 2 December (15.00 – 18.00 hrs)**

15.00 – 15.10	Opening and welcome remarks by Manuel Pulgar-Vidal, Minister of State for Environment of Peru and COP 20/CMP 10 President	
<b>Setting the scene: 15.10 – 15.25</b>		
Outreach (15.10 – 15.25)	Introductory presentation on the Synthesis Report (SYR) of the Fifth Assessment Report (AR5) of the Intergovernmental Panel on Climate Change (IPCC)	
	Renate Christ, Secretary of the IPCC, on behalf of Rajendra Pachauri, Chair of the IPCC	
	<p>Guiding questions</p> <ul style="list-style-type: none"> <li>• What are the salient messages from the AR5 SYR relevant to the 2013-2015 review? What are the strategies for risk reduction and for managing adaptation and mitigation? What is the relationship among risks of climate change, cumulative CO<sub>2</sub> emissions and annual GHG emissions over the next decades?</li> <li>• How does the AR5 contribute to operationalizing Article 2 of the Convention, including on anthropogenic interference with the climate system and associated risks or dangers to food production, sustainable economic development and ecosystem adaptation? How do these risks or dangers grow as we move from 1.5°C to 2°C level of global warming? What does the AR5 SYR tell us on limiting global warming below 2°C?</li> </ul>	
<b>Themes 1 and 2: 15.25 – 17.55</b>		
Outreach (15.25 – 16.10)	Presentations by experts	
	15.25-15.35	The adequacy of the long-term global goal in terms of preventing unacceptable consequences on the adaptation of ecosystems and food production. Hans-Otto Pörtner, IPCC
	15.35-15.45	The adequacy of the long-term global goal in terms of preventing unacceptable consequences on economic development in a sustainable manner. Petra Tschakert, IPCC
	15.45-15.55	The adequacy of 2 °C in terms of risk management within planetary boundaries and progress towards the long-term global goal. Chris Field, IPCC, and Ottmar Edenhofer, IPCC
	15.55-16.05	Ethical and financial aspects of adaptation and mitigation. Ramón Pichs Madruga, IPCC
General discussion on theme 1 (16.05 – 17.00)	All participants and experts. Vicente Ricardo Barros, Renate Christ, Ottmar Edenhofer, Chris Field, Stéphane Hallegatte, Leo Meyer, Ramón Pichs Madruga, Gian-Kasper Plattner, Hans-Otto Pörtner, Joeri Rogelj, Petra Tschakert and Jean-Pascal van Ypersele. Keith Alverson, John Christensen, Kris Ebi, Christina Hood, Alexandre Meybeck and Anne Olhoff.	
General discussion on theme 2 (17.00 – 17:55)	All participants and experts. Vicente Ricardo Barros, Renate Christ, Ottmar Edenhofer, Chris Field, Stéphane Hallegatte, Leo Meyer, Ramón Pichs Madruga, Gian-Kasper Plattner, Hans-Otto Pörtner, Joeri Rogelj, Petra Tschakert and Jean-Pascal van Ypersele. Keith Alverson, John Christensen, Kris Ebi, Christina Hood, Alexandre Meybeck and Anne Olhoff.	

<b>Closing (17.55 – 18.00)</b>	<b>Closing remarks by the SED co-facilitators</b>
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**PART 2: Wednesday, 3 December (15.00 – 18.00 hrs)**

15.00 – 15.03	Welcome remarks
<b>Information from UN Agencies and Intergovernmental Organizations relevant to the 2013-2015 review</b>	
Outreach (15.03 – 15.50)	Presentations by experts
	15:03-15:15   The adaptation gap. Keith Alverson, UNEP
	15:15-15:22   Keeping Under a 2 °C Rise - Latest Pathways to Success. John Christensen, UNEP
	15:22-15:29   Agriculture, food security and climate change. Alexandre Meybeck, Food and Agriculture Organization of the United Nations
	15:29-15:36   Pricing carbon. Stéphane Hallegatte, World Bank
	15:36-15:43   Energy and climate change: challenges and opportunities. Christina Hood, International Energy Agency
15:43-15:50   Health impacts of climate change. Kris Ebi, World Health Organization	
General discussion on theme 1 (15.50 – 16.50)	All participants and experts. Keith Alverson, John Christensen, Kris Ebi, Stéphane Hallegatte, Christina Hood, Alexandre Meybeck and Anne Olhoff. Vicente Ricardo Barros, Renate Christ, Ottmar Edenhofer, Chris Field, Leo Meyer, Ramón Pichs Madruga, Gian-Kasper Plattner, Hans-Otto Pörtner, Joeri Rogelj, Petra Tschakert and Jean-Pascal van Ypersele.
	Guiding questions <ul style="list-style-type: none"> <li>• We heard from IPCC that increasing magnitudes of warming will increase severe, widespread and irreversible impacts of climate change. In this light, what are the risks assessed by your organization on human health, food production, and other ecosystem services at a 2/1.5 °C level of global mean warming compared to pre-industrial levels, and how does your organization contribute to reducing and managing these risks?</li> <li>• What is the gap between current mitigation and adaptation efforts and those required to achieve the long-term global goal as characterized by a 2/1.5°C level of warming relative to pre-industrial levels? How can this gap be bridged?</li> <li>• What policy options has your organization identified for the decarbonisation of the energy system called for by pathways consistent with limiting warming below 1.5 or 2 °C compared to pre-industrial levels? What are the economic and technological risks associated with this decarbonisation?</li> </ul>
General discussion on theme 2 (16.50 – 17.55)	All participants and experts. Keith Alverson, John Christensen, Kris Ebi, Stéphane Hallegatte, Christina Hood, Alexandre Meybeck and Anne Olhoff. Vicente Ricardo Barros, Renate Christ, Ottmar Edenhofer, Chris Field, Leo Meyer, Ramón Pichs Madruga, Gian-Kasper Plattner, Hans-Otto Pörtner, Joeri Rogelj, Petra Tschakert and Jean-Pascal van Ypersele.
	Guiding questions <ul style="list-style-type: none"> <li>• How effective have the steps taken by your organization been in terms of supporting national activities aimed at minimizing the impacts of climate change? What barriers have your organization encountered and how has it succeeded in overcoming them?</li> <li>• Which policies and measures has your organization identified as effective to bridge the emissions and adaptation gap, and how can these policies and measures be emulated?</li> </ul>
<b>Closing (17.55 – 18.00)</b>	<b>Closing remarks by the co-facilitators</b>