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ENGLISH ONLY

UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE

**AD HOC WORKING GROUP ON FURTHER COMMITMENTS
FOR ANNEX I PARTIES UNDER THE KYOTO PROTOCOL**

Third session

Bonn, 14–18 May 2007

Round table

Discussion on mitigation potentials of policies, measures and technologies

14 May 2007

AWG round table discussion on mitigation potentials of policies, measures and technologies

Information note by the secretariat

I. Mandate

1. The Ad Hoc Working Group on Further Commitments for Annex I Parties under the Kyoto Protocol (AWG), at its second session, requested (FCCC/KP/AWG/2006/4, para. 22) the secretariat to organize a round table discussion on the analysis of the mitigation potential, effectiveness, efficiency, costs and benefits of current and future policies, measures and technologies at the disposal of Annex I Parties, appropriate in different national circumstances, taking into account their environmental, economic and social consequences, their sectoral dimensions, and the international context in which they are deployed.
2. It also invited Parties to submit, by 23 February 2007, their views on this issue and on external bodies and forums that could provide expert input to the work of the AWG. These submissions are contained in documents FCCC/KP/AWG/2007/MISC.1 and FCCC/KP/AWG/2007/MISC.2.

II. Purpose of the round table

3. The round table will provide delegates an opportunity to discuss the current status of the scientific understanding and relevant experience with respect to the mitigation potential, effectiveness, efficiency, costs and benefits of current and future policies, measures and technologies at the disposal of Annex I Parties. The report of the round table will provide substantive information on which the AWG plenary will base its discussion of conclusions for its third session.

III. Date and venue

4. The round table will take place on Monday, 14 May 2007, immediately following the opening plenary of the AWG at 10:00.

IV. Related events

5. During the May 2007 sessions, three workshops on mitigation will be organized under the Subsidiary Body for Scientific and Technological Advice: urban planning and development, including transportation; energy efficiency, including industry, and residential and commercial end-use; and power generation, including clean fossil fuels and renewable energy. These could provide valuable information to be used by the AWG.

6. On Saturday, 12 May, there will be a briefing by the Intergovernmental Panel on Climate Change on its Fourth Assessment Report (AR4), which will set the scene for much of the discussion during the round table.

V. Organization of work

7. The secretariat has made efforts to ensure adequate interaction with experts from Parties and external forums, including experts involved in the AR4. To facilitate the preparation of discussions at the round table, speakers will be requested to provide background material on their interventions in writing in advance of the round table. The material will be made available on the UNFCCC website by 7 May. Speakers will be asked to provide a brief introduction to their papers, of up to seven minutes, before a round table discussion. The discussion will be assisted by a set of questions issued beforehand.

8. Discussions at the round table will be divided into two segments. The first will consider general and cross-cutting issues relating to the analysis of mitigation potential of technologies, effectiveness, efficiency, costs and benefits of current and future policies, measures and technologies at the disposal of Annex I Parties, which will set the framework for the analysis. Up to eight experts from Parties and from external bodies and forums will be invited to participate in this segment.

9. The second segment will cover selected sectors, based on information provided by Parties in their submissions. The intention is to highlight specific mitigation policies, measures and technologies, illustrating some of the general messages of the first segment. This segment will be divided into three parts: (1) energy efficiency and low-carbon energy; (2) non-carbon dioxide greenhouse gas emissions and sinks; and (3) consolidation of sectoral approaches. Each part will be addressed by at least one expert from a Party and one from an international organization, followed by an in-depth discussion.

VI. Schedule

10. The first segment will take place in the morning. The second segment will start at 15:00 and will finish by 18:00. A detailed schedule with indicative timings is provided in the annex.

Annex

Schedule for the AWG round table discussion on mitigation potentials
of policies, measures and technologies

1. Opening and introduction (10:30–10:40)

2. First segment: Overview and cross-cutting issues on mitigation

- Emissions/stabilization scenarios
- Mitigation potential for the short/medium (2020/2030) and longer (2050+) terms and relationship with emissions/stabilization scenarios
- Potential of policies and measures for Annex I Parties
- Current and future key technologies/measures
- Co-benefits of mitigation (including links to sustainable development)
- Costs and barriers
- Risk and uncertainties
- Policies for technological/structural change
- Economic growth, development and competitiveness

Up to 8 speakers - (10:40–11:40)

Questions and discussion (11:40–13:00)

3. Second segment: Mitigation potential, effectiveness, efficiency costs and benefits of promising current and future policies, measures and technologies at the sectoral level and within a national/regional strategy

A. *Energy efficiency* in, for example, power generation/transmission, transport, residential (heating) and the industry (energy use, co-generation, power recovery, design of appliances); and *Low-carbon energy*, including renewable energy (wind, solar, hydro and bio-fuels), other zero greenhouse gas emitting technologies and carbon dioxide capture and storage

- *3 speakers (15:00–15:30)*
- *Discussion on energy efficiency and low carbon energy (15:30–16:10)*

B. *Non-CO₂ greenhouse gas emissions* in waste management and agriculture and livestock management and *Sinks*, including afforestation/reforestation and forest management

- *2 speakers (16:10–16:30)*
- *Discussion on Non-CO₂ greenhouse gas emissions and sinks (16:30–17:00)*

C. *Consolidation of sectoral approaches*, including into national and regional strategies

- *2 speakers (17:00–17:20)*
- *Discussion on consolidation of sectoral approaches (17:20–18:00)*

Closure (18:00)
