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Agenda item: 12.2  
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**PROGRESS REPORTS**

**SPECIAL REPORT ON CARBON DIOXIDE CAPTURE AND STORAGE**

(Submitted by the Co-chairs of Working Group III)

Please note that this document is also to be considered during the 7th session of Working Group III under agenda item 4 of the Working Group agenda.

**Progress report**  
**Special report on carbon dioxide capture and storage**

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**1. Background**

1.1 At the 19<sup>th</sup> IPCC plenary meeting in Geneva, April 2002, it was decided to hold a workshop in the fourth quarter of 2002 to consider the issues associated with capture, and geological and ocean storage. The workshop took place in Regina, Saskatchewan, Canada, from 18-21 November. The outcome of the workshop was an expert advice to the Twentieth Session of the IPCC in Paris to write a Special Report on Carbon Dioxide Capture and Storage. A rough outline for the Special Report was also proposed (IPCC-XX/Doc.19). In a decision made 21 February 2003, the 20<sup>th</sup> IPCC Plenary meeting approved the development of a Special Report on Carbon Dioxide Capture and Storage by Working Group III.

**2. Progress to date**

2.1 In conjunction with the nomination of the participants to the IPCC Workshop on Carbon Dioxide Capture and Storage in June 2002, the government focal points were invited to nominate authors and reviewers to the Special Report, be it approved by IPCC-XX. In accordance with the IPCC Principles and Procedures, the Bureau of Working Group III decided on the CLAs, LAs and REs. The decision was made in a teleconference on 18 March 2003.

2.2 The Special Report will be written by 100 (Coordinating) Lead Authors. 16 Review Editors have confirmed their willingness to participate at this time. About 30% of the (Coordinating) Lead Authors come from developing countries or countries with economies in transition. (<http://www.ipcc.ch/activity/srcarbonauthors.pdf>)

2.3 In addition to the nine chapters, three crosscutting themes were identified. The consistent discussion of costs throughout the report was agreed as an important bottleneck. Environmental and safety aspects in the capture, transport and storage of CO<sub>2</sub> were thought to be an issue that needs to be guarded during the writing of the report. The last crosscutting theme is legal and regulatory issues and public perception. Each crosscutting theme has a chair, who chairs the crosscutting group meetings during the Lead Authors Meetings, and will see to it that the themes are discussed in a sufficient and consistent manner.

2.4 From 2-4 July 2003, the First Lead Author meeting of the Special Report on carbon dioxide capture and storage was held on the kind invitation of the Norwegian government at the Norwegian Pollution Control Authority in Oslo. About 90 CLAs and LAs (25 received funding from the Trust Fund) attended the meeting. The programme of the meeting was aimed at making progress on the practical issues of the Special Report. The chapter agreed on a task distribution, a detailed and annotated table of contents, a list of subject areas for Contributing Authors, and a page allocation within the chapter. The group of CLAs and chairs of the crosscutting groups met regularly to discuss overarching issues. This resulted in a constructive process with a good end result.

2.5 A closed website has been constructed in order to communicate with the contributors to the Special Report.

### **3. Future work**

3.1 The deadline for delivery of the informal zero-order draft is scheduled at 5 October 2003.

3.2 The Second Lead Author meeting will take place on the kind invitation of the Australian Greenhouse office of the Australian government and will be hosted by Australia's Cooperative Research Centre for Greenhouse Gas Technologies (CO2CRC) in Canberra, Australia, from 16-18 December 2003. Analogue to the "Canada Day" in Regina preceding the IPCC Workshop, the CO2CRC organizes "Australia Day" on 15 December, informing the present authors on the state of research in Australia.

3.3 The First Order Draft is to be completed by half February and will then be subject to a formal review by experts. The Third and Fourth Lead Author meetings will be convened to deal with comments received in the expert review and a subsequent combined Government and expert review.

3.4 The closed website will be upgraded to an interactive closed website, which will enable the authors to post documents themselves. This is thought to improve version management, facilitate the review process and decrease the burden on the email accounts of the authors and reviewers.