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# INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE



UNEP

INTERGOVERNMENTAL PANEL  
ON CLIMATE CHANGE

TWENTY-FIFTH SESSION  
Mauritius, 26-28 April 2006

IPCC-XXV/Doc. 17  
(31.III.2006)

Agenda item: 5  
ENGLISH ONLY

## **FURTHER WORK OF THE IPCC ON EMISSION SCENARIOS**

### **Proposal for a decision**

(Submitted by the IPCC Chair)

**Proposal for a decision by IPCC-25 on New Emission Scenarios**  
**Mauritius, 26 – 28 April 2006**

*Note by the Chair of IPCC*

1. The Task Group on New Emission Scenarios<sup>1</sup> (TGNES) which was established by the Panel at its 24<sup>th</sup> Session, has prepared a report on "*Recommendations on New Emission Scenarios*", with a view to enable the Panel to take decisions on the role of the IPCC, and deliverables, timelines and organizational arrangements for the development and assessment of new greenhouse gas emission scenarios, in advance of a possible IPCC Fifth Assessment Report. The report is contained in document IPCC-XXV/Doc.11.
2. As a part of the mandate, the TGNES convened an expert meeting in Seville, Spain, 20-22 March 2006, kindly hosted by the Institute for Prospective Technological Studies of the Joint Research Centre of the European Commission. The Task Group proposals were discussed at this expert meeting, in which 85 experts from 36 countries participated. The experts brought forward views from inside IPCC (Working Groups 1, 2 and 3, TFB and TGICA) as well as outside user groups: climate modelers, Impacts-Adaptation-Vulnerability (IAV) and mitigation analysts, scenario development and modeling experts, governmental experts, and representatives of other international organizations involved in economic and environmental assessment and scenarios. The TGNES finalized its recommendations by consensus, taking into consideration views expressed at the expert meeting.
3. Reiterating the decision of IPCC-24 on new emission scenarios, and following the recommendations by the TGNES it is suggested that the Panel establishes a new "**Task Group on Scenarios**" with representation from all three Working Groups, TGICA and experts from the relevant scientific communities. The membership of the Task Group would be decided by the IPCC Chair. The mandate of this Task Group would be to implement the TGNES recommendations in as far as it involves the IPCC. The Task Group should start its work not later than 1 June 2006 and initially perform the following tasks:
  - a) Enter as soon as possible into a dialogue with the scientific community and scientific organizations to work out a joint process for the development of scenarios. In this dialogue the organizational arrangements will be further specified, including the level of coordination that is required.
  - b) Arrange an IPCC expert meeting not later than early 2007 to formulate a list of desirable and feasible global scenario characteristics for the scenarios to be developed by the scenario community, based on the needs of user communities and taking into account the capabilities of scenario development and modeling tools. All relevant subject expertise and disciplines will be included in the expert meeting.
  - c) Organize an interagency meeting, involving, as appropriate, representatives of organizations from e.g. World Bank, FAO, OECD, IEA, and UNEP, to discuss experiences and results in particular of scenario activities that will be finalized by these organizations in 2007 and possible future involvement in scenario development.
  - d) Prepare for consideration by the Panel in May 2007 an outline for a Technical Paper, in which benchmark emission trajectories are selected, to be used at an early stage for GCM studies and which provides non climate features of emission scenarios for IAV studies. To this end, the relevant results of all Working Groups contributions to the AR4 should be utilized. The Technical Paper should be prepared in the second half of 2007, after completion of the AR4.
  - e) Prepare a scoping note for a Special Report on Integrated Scenarios for consideration by the Panel in May 2007.

The Task Group should present a progress report to the Panel in May 2007 and a proposal for future activities for consideration and decision by the Panel.

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<sup>1</sup> This Task Group has been mandated by the 24th Session of IPCC, Montreal, Canada, 26–28 September 2005. The mandate is described in <http://www.ipcc.ch/mandate.pdf>. The composition of the Task group on New Emission Scenarios (TGNES) can be found on <http://www.ipcc.ch/TGNESmembers.pdf>.