



WMO

# INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE



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## WORKING GROUP III CONTRIBUTION TO THE IPCC FOURTH ASSESSMENT REPORT

### Implementation

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

## **1. Activities in Support of the Assessment Process**

Several issues that are to be covered in the WG III contribution to AR4 need attention in the early phase of the work. These include the proper implementation of the Cross Cutting Themes as well as ensuring adequate participation by experts working in industry and by social science experts.

### *Technology development and transfer and industry experts participation*

Industry plays a driving role in possible responses to climate change. Industry decisions on investments, operation of equipment and innovation have an enormous impact on future greenhouse gas emissions. Industry investments in capital exceed governments' investments by far. Industry spending on R&D and innovation is also much larger than the R&D funding by governments. Most of the envisaged "solutions" to climate change need to be realised by industry. Technology development, diffusion and transfer are key issues to be covered in the TAR, as a cross cutting theme.

It is therefore important to include the knowledge and expertise of industry in the preparation of AR4. To facilitate this it is suggested to organise an expert meeting on technology issues with experts from industry and other experts on innovation, R&D, diffusion and transfer.

### *Long-term mitigation and stabilisation scenarios*

The WG III contribution to the AR4 will assess literature on stabilization and long-term mitigation scenarios, with particular emphasis on multi-gas studies, cost calculation, regional implementation issues and links to development and other non-climate policies. There is ongoing research on many of these issues. To allow the authors of the chapter to get a good overview of this ongoing work, to involve experts from developing countries and from countries with economies in transition in this discussion, and to conceptualise how to integrate climate studies with relevant non-climate studies, an expert meeting will be organized. This is expected to be primarily a WG III activity with possible input from WG II experts.

### *Cross Cutting Themes*

WG III is responsible for the CCTs 'Technology', 'Mitigation and Adaptation' and 'Sustainable Development'. These and the other relevant CCTs are embedded in the proposed outline for the WG III contribution to the AR4. Either by being addressed in specific chapters, or integrated in the sectoral chapters of the report. For each of the CCTs expert meetings will be organised, in co-operation with the other Working Groups (WGI for 'Technology', WGII for all CCTs). Furthermore, WG III will contribute to the CCTs lead by the other WGs.

### *Social science expertise*

The inclusion of the CCTs asks for an increased input from experts with expertise in the social sciences (compared to the TAR). In the call for Government LA nominations, specific attention will be paid to acquiring this type of expertise.

## 2. Anticipated Timetable

The anticipated timetable of WG III-AR4 related meetings and other activities is as follows:

<b>Year</b>	<b>Month</b>	<b>Activity</b>
2003	Dec	Call for Government LA nominations
2004	Apr	Bureau selection of LA teams
	Aug	First LA Meeting
	Nov	Completion of 'zero order' draft
	Nov-Dec	Informal review of 'zero order' draft
2005	Apr	Second LA meeting
	Sep	Completion of first draft
	Oct-Nov	8-week expert review of first draft
2006	Jan	Third LA meeting
	Jun	Completion of second draft
	Jul-Aug	8-week Government and Expert review of second draft
	Oct	Fourth LA meeting
2007	Mar	Completion of final draft
	Apr-May	Government review of SPM
	Jun	Submission to WG III Plenary for approval

In addition it is expected that subgroups of the LA teams will have additional meetings to consider specific issues such as development of a chapter or specific boundary issues between chapters. Such meetings will also be conducted to exchange information in specific areas with other Working Groups. These activities are anticipated as occurring in 2005 and are included in the budgetary provisions below but it is not possible to specify dates or other details at this stage.

### 3. Budgetary implications for the IPCC Trust Fund

Anticipated costs to the IPCC Trust Fund for Lead Author and expert meetings in support of the WG III-AR4 are as follows:

Activity	Purpose/ Comments	DC/EIT Support	Cost CHF
<b>Meetings and Workshops – 2004</b>			
First LA meeting	Estimating 5 DC/EIT LAs per chapter	65 journeys	410,410
2 <sup>nd</sup> EM on Sustainable Development	CCT with WG II – WGIII lead	10 journeys for WG II and WG III	63,140
EM on Technology	CCT across all WGs – WGIII lead (	15 journeys across all WGs	94,710
EM on Long-term mitigation and stabilisation scenarios	Preparation AR4 (WG III with possible input from WG II)	20 journeys for WGIII and for WGII	126,280
2 <sup>nd</sup> EM on Adaptation – Mitigation	CCT with WG II – WGIII lead	10 journeys for WGIII and WGII	63,140
<i>Meetings to be organized by other Working Groups with WG III involvement</i>			
<i>Uncertainty and Risk Workshop</i>	<i>CCT across all WGs – WGI lead To consider guidelines for treatment of uncertainty in the AR4</i>	<i>21 journeys across all WGs</i>	<i>132,594</i>
<i>Regional Climate</i>	<i>CCT across all WGs – WGI lead IPCC/WCRP meeting</i>	<i>24 journeys across all WGs</i>	<i>151,536</i>
<i>EM on Article 2 – KV</i>	<i>CCT across all WGs – WGII lead Scheduled 24-27 March, B. Aires</i>	<i>30 journeys across all WGs</i>	<i>189,420</i>
<i>EM on Water</i>	<i>CCT across all WGs – WGII lead</i>	<i>30 journeys across all WGs</i>	<i>189,420</i>
<b>Meetings and Workshops – 2005</b>			
Second LA meeting	As for first LA meeting	65 journeys	410,410
Chapter meetings	Provisional for DC/EIT LA support, includes inter-WG meetings – NB budget is for WG III LAs only	30 journeys	189,420
EM on Industrial technology Development and Transfer	Preparation AR4 (WG III) (2004 or 2005 tbd)	15 journeys	94,710
<i>Meetings to be organized by other Working Groups with WG III involvement</i>			
<i>EM on Article 2 – KV</i>	<i>CCT across all WGs – WGII lead</i>	<i>30 journeys across all WGs</i>	<i>189,420</i>
<b>Meetings and Workshops – 2006</b>			
Third LA meeting	Includes 1 DC/EIT RE per chapter	80 journeys	505,120
Fourth LA meeting	As for third LA meeting	80 journeys	505,120
Technical Summary writing meeting	CLAs only – additional drafting meeting for the TS	10 journeys	63,140

Note that this table does not include meetings of the IPCC Governing bodies, in particular it does not include Bureau meetings or the WG III Plenary Session in 2007 to approve the WG III-AR4, nor does it include costs for translation and publication.