



WMO

INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE



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INTERGOVERNMENTAL PANEL
ON CLIMATE CHANGE

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FUTURE WORK PROGRAMME OF THE IPCC TASK FORCE ON NATIONAL GREENHOUSE GAS INVENTORIES (TFI)

(Submitted by the Co-Chairs of the Task Force
on National Greenhouse Gas Inventories)

IPCC National Greenhouse Gas Inventory Programme – Future Work Programme

Background

1. The 2006 IPCC Guidelines for National Greenhouse Gas Inventories has been adopted and accepted by IPCC-25. The Inventory Task Force Bureau (TFB) has therefore considered the future tasks of the IPCC National Greenhouse Gas Inventories Programme. This document describes the proposed future work programme.
2. The mandate of the National Greenhouse Gas Inventory Programme (NGGIP) was approved by IPCC-16 (Montreal, May 2000), excerpts of which are shown below. IPCC-19 (Geneva, April 2002) decided to maintain its Task Force on Inventories, co-chaired by two members of the IPCC Bureau (one from an industrialized country and one from a developing country) with twelve additional members on the Task Force Bureau (two per IPCC/WMO region). The NGGIP is mandated to carry out the work, as approved by the Panel, on inventory-related methodologies and practices.
- 3.

NGGIP Mandate – Excerpts

That the IPCC is responsible for assessing and developing inventory methods and practices which are scientifically sound and relevant to all countries, noting particularly the lack of information in developing countries. This includes (a) developing methods for estimating emissions of greenhouse gases (GHGs) by sources and removals by sinks, (b) assessing and developing methods to quantify and to manage uncertainties in the estimates of GHGs, (c) assessing the scientific literature related to the development of GHG emission factors and management of inventories, (d) disseminating information related to inventory methods and practices, (e) identifying the implications of the different options in relation to inventory methods and practices and (f) assessing scientific issues related to independent verification,

That the IPCC accepts the responsibility to provide scientific and technical advice on specific questions related to inventory methods and practices at the request of the UNFCCC in accordance with established IPCC procedures ...

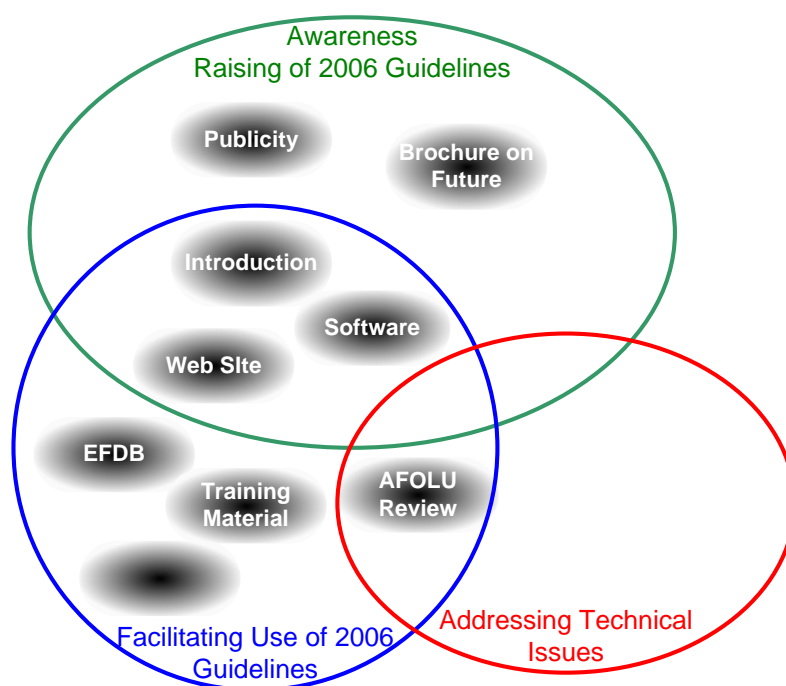
Work programme

4. The TFB at its 18th session (January 2007) recognised that, in the near term, the future work of the TFB can be grouped into 3 themes:
 - Awareness raising of the 2006 Guidelines
 - Facilitating the use of 2006 Guidelines
 - Addressing technical issues.

The TFB emphasised the importance of continuing core NGGIP activities (e.g. Emission Factor Data Base (EFDB), response to queries on IPCC Guidelines and Good Practice Guidance Reports (GPG), and contribution to international activities such as facilitation of proper use of IPCC Guidelines and GPG reports) as part of these themes.
5. Within these three themes the TFB decided that the following activities should be undertaken (see Figure 1) in the near future:
 - Ad hoc technical support to users, including FAQ on web site and dealing with enquiries. These activities will be mainly conducted by the NGGIP Technical Support Unit.
 - Production of Brochures on IPCC Guidelines and GPG reports.
 - i. publicity material on 2006 Guidelines – brief elaboration of its contents and fundamental principles;
 - ii. a brochure giving an overview of the NGGIP, including a discussion of the future activities of the NGGIP.
 - iii. a longer document based on Volume 1 Chapter 1 of the 2006 Guidelines as an introduction and explanation of the guidelines. It should include why to use the 2006 Guidelines and how to move from the 1996 Guidelines, GPG 2000 and GPG LULUCF;

- EFDB. Continue to develop the EFDB for further promotion of its utility to assist inventory compilers and researchers, especially those of developing countries. Following completion of the 2006 Guidelines, highest priority is to be given to accelerating population of the EFDB, to contain default emission factors of the 2006 Guidelines, and making technical arrangements for accelerated population (TFB is preparing a new development strategy and workplan for EFDB). The TFB endorsed plans for the TSU to search actively out data and requested them to intensify their efforts. Efforts can be made to ask countries to submit data and new ways of collecting data and directing users to tem will be explored.
- To hold one meeting in 2008 on "Experience and Issues in the use of GPG LULUCF and 2006 Guidelines AFOLU Guidance" as part of the theme "address technical issues". Participants should be predominantly inventory compilers not AFOLU scientists and researchers as the aim is not to find new science but to review the usability and issues arise from the use of existing guidance.
- The 2006 Guidelines Software Development in 2007 will be limited to the energy sector and it should continue in 2008 and beyond, and will take several years with development to take place in an incremental way to ensure usability. Additional resources will be needed for software maintenance and support.

Figure 1 Relationship between Work Programme Themes and Tasks



6. The TFB recognised there would be a need for additional tasks, especially addressing technical issues in the mid- to long-term time frame but decided to await developments in the UNFCCC and to allow the new TFB, that should be elected in 2008, to discuss these issues. Therefore there might be a TFB meeting soon after the election of the TFB to consider further the future work programme.
7. Budgetary requirements are listed in Table 1. They have been revised following further consideration by the TFB and therefore they are not consistent with the numbers given in Document IPCC-XXVI/Doc.3, IPCC Programme and Budget for 2007-2010. The TSU and the Co-chairs will explain differences and provide justifications for those amendments. Adjustments are also suggested for the year 2007.

Table 1 Future Tasks of TFI and budgetary requirements ¹

Task	Themes			Approach	Additional Funds (1000 CHF)			Meetings (Number of IPCC travel support)		
	Awareness raising	Facilitating use	Technical issues		2007	2008	2009	2007	2008	2009
<p>1) Ad Hoc Technical Support. This covers a range of activities, mainly conducted by the TSU, with the technical assistance of authors of the Guidelines, and includes:</p> <p style="padding-left: 40px;">web site, FAQ, training material and contributions to training courses, distribution of CDs, dealing with enquiries,</p>		✓		<p>This will be led by the TSU. Tasks include:</p> <p>Maintenance of the web site, FAQ, training materials as contribution to training activities by UNDP/UNEP or any other international training schemes, distribution of CDs of IPCC Guidelines and EFDB, dealing with enquiries shall be managed by the TSU.</p> <p>The TSU will call upon authors of the 2006 Guidelines for technical support as needed.</p>						
<p>Brochure</p> <p>2.i) Publicity – a brief pamphlet describing the 2006 Guidelines, their background and usefulness</p>	✓			<p>Initial drafts will be made by the TSU.</p>						
<p>2.ii) A brochure giving an overview of the NGGIP, including a discussion of the future activities of the NGGIP.</p>	✓			<p>This will be circulated by the TSU for comment to the TFB before finalisation. A small meeting for production of the Brochure is planned in 2007..</p>						

¹ Budgetary requirements were revised by TBF and are therefore not consistent with Document IPCC-XXVI/Doc.3 - IPCC Programme and Budget for 2007-2010

Task	Themes			Approach	Additional Funds (1000 CHF)			Meetings (Number of IPCC travel support)		
	Awareness	Facilitating use	Technical issues		2007	2008	2009	2007	2008	2009
2.iii) Introduction - A longer document based on Volume 1 Chapter 1 of the 2006 Guidelines as an introduction and explanation of the guidelines. It should include why to use the 2006 Guidelines and how to move from the 1996 Guidelines, GPG 2000 and GPG LULUCF;	✓	✓		An initial draft will be prepared by the TSU based on the material in volume 1 chapter 1. This will be circulated to a group of selected authors of the guidelines for comment. The revised version will then be discussed at a meeting of the group of authors before finalisation, printing and distribution.				8		
3) EFDB . Continue to develop the EFDB. High priority is to be give to continuing to populate the EFDB, The TFB endorsed plans for the TSU to actively search out data and requested them to intensify their efforts. Efforts can be made to ask countries to submit data and new ways of collecting data and directing users to tem will be explored		✓		The EB will continue as before with annual meetings. A brochure promoting the EFDB will be prepared by the TSU. The TSU will draft a project development strategy assessing current contents of, and gaps in, the EFDB as well as plans to acquire new data for the EFDB and the role of the TSU . The TSU is currently adding the default data form the 2006 Guidelines and then will continue to search out new data to submit to the EFDB.	6	6	6	21	21	21

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	Awareness	Facilitating use	Technical issues		2007	2008	2009	2007	2008	2009
4) To hold one meeting in 2008 on “ <i>Experience and Issues in the use of GPG LULUCF and 2006 Guidelines AFOLU Guidance</i> ” as part of the theme "address technical issues". Participants should be inventory compilers NOT AFOLU scientists and researchers as the aim is not to find new science but to review the usability and issues arise from the use of existing guidance.			✓	This meeting will review the use of the GPG LULUCF and the similar 2006 Guidance AFOLU and explore the need for additional guidance. Preparation including selection of participants could start in late 2007. Participants should be inventory compilers rather than agricultural and land-use scientists.					20	
5) <i>Software Development</i> should continue and will take several years with development to take place in an incremental way to ensure usability. Additional resources will be needed for software maintenance and support.		✓		This is being developed. Following the finalisation of the specification a software developer will be contracted. The aim will be to produce a demonstration product in 2007 and complete working software in 2008 and 2009.(Additional funds will be required for software development and maintenance beyond 2007.)	60	70	10		20	20
6) <i>TFB Meeting</i>				2007 meeting between SBSTA and COP13/MOP3. Future years as needed.				7	7	7