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PROGRESS REPORT

NATIONAL GREENHOUSE GAS INVENTORIES PROGRAMME

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

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Progress Report

2006 IPCC Guidelines for National Greenhouse Gas Inventories

1. In November 2002 SBSTA 17 invited the IPCC to revise the “Revised 1996 Guidelines on National Greenhouse Gas Inventories” by early 2006. Following a scoping meeting and consideration by the TFB, the Terms of Reference (TOR), Table of Contents (TOC) and Workplan for the 2006 IPCC Guidelines for National Greenhouse Gas Inventories were accepted by the IPCC XXI. The new guidelines will consist of five volumes: Cross-Cutting Issues and Reporting Tables; Energy; Industrial Processes and Product Use (IPPU); Agriculture Forestry and Other Land Use (AFOLU); and Waste.
2. The Co-ordinating Lead Authors (CLAs) and Lead Authors (LAs) for the task were selected by the Task Force Bureau and the list endorsed by the IPCC Bureau XXXI. Some changes have been made to list by the TFB since then and a revised list is attached as Annex 2.
3. Two initial authors meetings, one for cross-cutting issues and one for the CLAs of all the volumes were arranged to run concurrently in Oslo, Norway (May 4-6, 2004). These meetings drafted the detailed outline of the cross-cutting volume, refined the outline for the other volumes, prepared preliminary guidance to authors and prepared for the other volume author meetings.
4. Four further author meetings were arranged:
 - a) AFOLU: Mauritius (June 2-4, 2004)
 - b) IPPU: Washington DC, USA (July 27-29, 2004)
 - c) Energy: Arusha, Tanzania (September 28-30, 2004)
 - d) Waste: Canada (November 2-4, 2004)
5. The aims for these meetings was to:
 - a) discuss the draft outline for each volume of the report, paying special attention to consistency and harmonisation requirements within the sector and also with other sectors;
 - b) discuss specific tasks/issues assigned to breakout groups and prepare the First-Order Draft of each volume of the 2006 IPCC Guidelines;
 - c) discuss links between the sectoral volumes;
 - d) consider the guidance from the First CLA meeting on the consistency and links between the sectoral volumes in drafting the 2006 IPCC Guidelines;
 - e) consider the guidance provided by the “Cross-cutting Issues group” on consistency and harmonisation requirements through the whole report and on reporting issues, and
 - f) explore the availability of scientific and other materials for the drafting
6. The aim is for the authors to prepare their initial drafts and send them to the TSU by December 2004. A consolidation meeting will take place in Manila, 11-13 January 2005 to prepare the first order draft ready for the initial expert review in March/April 2005.
7. The proposed workplan for the remainder of the task is presented in Annex 1. There will be two review periods in 2005, followed by government consideration and presentation for approval by the IPCC in 2006.
8. The overall plan is not to make major changes to the existing guidelines except where these are needed to reflect of improved scientific and/or technical information, or where the experience of users indicates the need for some refinement. A number of issues have already arisen:

- a) The merging of the LUCF and Agriculture to form AFOLU and the merging of Industrial Processes and Product Use to form IPPU will involve changes to reporting.
- b) The reporting of CO₂ has been inconsistent and guidance will be improved. In some areas CO₂ is reported as the total gaseous carbon emitted (i.e. including CH₄, NMVOC and CO), while in others, only direct emissions of CO₂ are reported.
- c) The use and function of the reference approach needs to be made clearer.
- d) Methodologies for the estimation of Harvested Wood Products may be included but no preference on an accounting method will be indicated.
- e) Methodologies for Carbon Capture and Storage are being considered.
- f) The documentation of default emission factors and other data is being improved.
- g) The inclusion of “indirect N₂O” emissions from the deposition of nitrogen is being considered.

Emission Factor Database (EFDB) – Progress since IPCC XXI

- 9. In addition to the web application (<http://www.ipcc-nggip.iges.or.jp/EFDB/main.php>) which was launched in October 2002, the CDROM application intended for general users who have difficulty with Internet connection was produced and distributed at the 9th session of the Conference of the Parties to the UNFCCC (COP9) held in Milan, Italy in December 2003. The CDROM has been widely distributed also on various occasions such as UNFCCC workshops and GEF/UNDP workshops.
- 10. The second meeting of the EFDB Editorial Board was held on 18-20 February 2004 in Tsukuba, Japan, to consider a number of issues including technical improvements and strategies for promotion of the EFDB. Following the conclusions of this meeting, the improvements to the user-friendliness of the EFDB are now under way.
- 11. 63 new data proposals have been submitted by various experts and organizations, and those are now under evaluation by the EFDB Editorial Board. Also, importation of new default data provided in the report on Good Practice Guidance for Land Use, Land-Use Change and Forestry has started.
- 12. The current members of EFDB Editorial Board were selected by Task Force Bureau (TFB) at its 9th session (November 2002). According to the terms of reference of the EFDB Editorial Board, they should serve for two years (until November 2004) and be replaced by new members. However, the TFB at its 12th session decided to extend the term of the current members by one year in view of the fact that the EFDB has just started receiving new data proposals and the actual work of EFDB Editorial Board has just begun. The TFB also recognized the need to augment the Editorial Board and decided to continue calling for additional nominations of experts for missing expertise in the following sectors/sources: LULUCF (experts from e.g. North America, South America, Australia), fugitive emissions and waste incineration.
- 13. The EFDB is an important resource for the work of 2006 IPCC Guidelines, both as a source of emission factors for consideration by the LAs and as a repository of emission factors in the approved 2006 Guidelines. The relationship between the 2006 Guidelines and EFDB will be made clear in the cross-cutting volume of the 2006 Guidelines.
- 14. Preferably the EFDB should be populated with new emission factors as the 2006 Guidelines are drafted, but if this proves impossible the 2006 GL emission factors should be entered into the EFDB with the underlying documentation information in the property fields as soon as possible, after 2006 GLs completion.

**Annex 1 - Draft Workplan for preparing the 2006 IPCC Guidelines for National Greenhouse Gas Inventories
after IPCC-XXII**

As of 12/10/2004

Period	Sequence and stages	Activity
11-13 th January 2005	Manila, Consolidation Meeting	Meeting to consolidate the Sectoral reports to First Order Draft Report of 2006 GLs (CLAs and key authors)
March – April 2005	Experts Review	First review of the FOD report by experts for six weeks
June 2005	7th Meeting	Meeting to consider experts comments and to prepare Second Order Draft.
September – October 2005	Governments/Experts review	Second review of the report by Governments and Experts for eight weeks
December 2005	8th Meeting	Meeting to consider Government comments.
February 2006	TFB 17	Endorse Final Draft Report
March 2006	Government consideration	Government consideration (four weeks)
April 2006	IPCC XXIV	Present report to IPCC Panel for Adoption/Acceptance
May 2006	SBSTA24	Presentation to SBSTA

Annex 2 - 2006 IPCC Guidelines for National Greenhouse Gas Inventories

List of Authors – Revised 11 October 2004

The following Authors and Review Editors have been selected by the IPCC Task Force Bureau on National Greenhouse Gas Inventories and are being invited to accept their roles as Coordinating Lead Author, Lead Author or Review Editor in the writing team of the 2006 IPCC Guidelines for National Greenhouse Gas Inventories.

Role - CLA: Coordinating Lead Author, LA: Lead Author, RE: Review Editor, SG: Steering Group

Overview

Role	Surname	Given name	Affiliation	Country
CLA/SG	Gytarsky	Michael	Institute of Global Climate and Ecology	Russia
CLA/SG	Hiraishi	Taka	c/o Institute for Global Environmental Strategies	Japan
CLA/SG	Irving	William	US Environmental Protection Agency	US
CLA/SG	Krug	Thelma	Inter-American Institute for Global Change Research	Brazil
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RE	Kruger	Dina	US Environmental Protection Agency	US

Volume 1: Cross-cutting Issues and Reporting Tables

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Volume 2: Energy

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LA	Hockstad	Leif	US Environmental Protection Agency	US
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Volume 5: Waste

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