

# ipcc

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## **PROGRESS REPORTS**

### **Progress Report of the Task Force on National Greenhouse Gas Inventories**

(Submitted by the Co-Chairs of the Task Force Bureau)

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## PROGRESS REPORTS

### Progress Report of the of the Task Force on National Greenhouse Gas Inventories

1. The Task Force on National Greenhouse Gas inventories (TFI) has been working on the *2013 Supplement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories: Wetlands (Wetlands Supplement)* with a view to adoption and acceptance by the IPCC Plenary at this session, as agreed at the 35<sup>th</sup> Session of the IPCC in Geneva in June 2012. The Final Draft of the Overview Chapter and the full report as well as the list of written comments from governments obtained through the final government review during 12 August – 8 September 2013 were submitted to the Panel and will be considered under agenda item 4 of this session.

The TFI extends appreciation to the following governments and organizations for their support by hosting meetings on the *Wetlands Supplement*, namely: the World Meteorological Organization (Scoping Meeting), Japan (First Lead Author Meeting), UK (First Science Meeting), Zimbabwe (Second Lead Author Meeting), Ireland (Third Author Meeting), Germany (First and Second Special Author Meetings and Second Science Meeting), and Brazil (Fourth Lead Author Meeting).

2. The TFI has been also working on the *2013 Revised Supplementary Methods and Good Practice Guidance Arising from the Kyoto Protocol (KP Supplement)* with a view to adoption and acceptance by the IPCC Plenary at this session, as agreed at the 35<sup>th</sup> Session of the IPCC in Geneva in June 2012. The Final Draft of the Overview Chapter and the full report as well as the list of written comments from governments obtained through the final government review during 2–29 September 2013 were submitted to the Panel and will be considered under agenda item 5 of this session.

The TFI extends appreciation to the following governments and organizations for their support by hosting meetings on the *KP Supplement*, namely: the World Meteorological Organization (Scoping Meeting), Japan (First Lead Author Meeting and Expert Meeting), Australia (Second Lead Author Meeting), Norway (Third Author Meeting), and Thailand (Fourth Lead Author Meeting).

3. The TFI has continued its efforts to maintain, improve and promote the Emission Factor Database (EFDB) by organizing the 10<sup>th</sup> Meeting of Editorial Board and the 6<sup>th</sup> Data Meeting on Waste Sector in Langkawi, Malaysia in October 2012, and through promotional efforts such as distributing CDROM version at the 18<sup>th</sup> Conference of the Parties to the UNFCCC (COP18) in Doha in November-December 2012 and presenting on EFDB at various international meetings and workshops. The TFI will continue its efforts, including, by organizing the 11<sup>th</sup> Meeting of Editorial Board and two Data Meetings in Ghent, Belgium on 25-27 November 2013. Terms of some members of the Editorial Board will expire at the end of 2013 or 2014. The TFI will call for nominations of experts to replace those outgoing members later this year.
4. The first release version of the IPCC Inventory Software was launched at a side-event at the 36<sup>th</sup> session of UNFCCC Subsidiary Bodies (SB 36) in Bonn on 16 May 2012. In December 2012, a modified version of the software was developed and released making improvements and addressing errors detected in the earlier version. This modified version was introduced at the *Expert Meeting on the 2006 IPCC Guidelines and Software* held in Bali, Indonesia, on 12-14 December 2012. The TFI will further improve and enhance the usefulness of the software by actively collecting feedback from the Software users. To this end, the TFI will hold an *Expert Meeting on Improving National Greenhouse Gas Inventories Using the 2006 IPCC Guidelines and Related Tools* in Sapporo, Japan on 11-13 December 2013. In 2014, the TFI will produce additional modules relating to the *Wetlands Supplement*.

5. The TFI held an *Expert Meeting on the Role of Remote Sensing in Forest and National Greenhouse Gas Inventories* on 23-25 October 2012 in Hayama, Japan. At this meeting, the participants reviewed the current state-of-play of the use of remote sensing and in-situ observations in estimating greenhouse gas emissions and removals from forests. They concluded that it was necessary to enhance closer collaboration of remote sensing experts, terrestrial biosphere modellers and emission inventory experts in order to speed up the development of operational techniques.
6. The TFI also held an *Expert Meeting on Fugitive Emissions of Greenhouse Gases from Oil and Natural Gas Systems (including shale gas, coal bed methane, etc)* on 20-22 August 2013 in Washington, D.C., USA. This meeting aimed to review and summarize the best available information, including estimation methodologies, emission factors and verification techniques, on fugitive emissions from oil, coal and natural gas systems, highlighting those relating to shale gas, oil sand and coal bed methane. The participants identified some key gaps in the 2006 IPCC Guidelines, and suggested areas of future work by the TFI to address them.
7. The 25<sup>th</sup> Meeting of Task Force Bureau of the TFI (TFB) was convened in Chiang Mai, Thailand on 19-20 July 2013. At this meeting, TFB considered future activities of the TFI and concluded it was highly likely that the TFI would need to undertake a new project in 2015 to revise the *2006 IPCC Guidelines for National Greenhouse Gas Inventories* with a view to completion by late 2017 or early 2018. The TFB also concluded that some work preparatory to this project would need to be initiated in 2014. The rationale is described below:
  - a) The UNFCCC COP18 has decided to adopt a protocol, another legal instrument or an agreed outcome with legal force under the Convention applicable to all Parties at its twenty-first session in December 2015, and for it to come into effect and be implemented from 2020. (Decision 2/CP.18)
  - b) To implement this new regime from 2020, it is likely that the UNFCCC COP will call for a new set of inventory guidelines to serve as the basis for estimation and reporting of national greenhouse gas inventories and, will invite the IPCC to produce it revising the *2006 IPCC Guidelines*.
  - c) In order to enable Parties to the UNFCCC to fully apply the newly revised IPCC Guidelines from 2020, the revision needs to be completed by late 2017 or early 2018 so that the Parties can have sufficient time to consider and adopt those guidelines.
  - d) Taking into account that the *2006 IPCC Guidelines* consist of 5 volumes that cover different inventory sectors and general guidance, at least 10 Lead Author Meetings (at least one or two meetings for each volume) will need to be convened. This requires the TFI to hold 5 meetings each year in 2016 & 2017.
  - e) To make this work possible, scoping of future methodological development needs to be done in 2015. It is thus required that systematic assessment of current inventory guidance be initiated in 2014 as part of the preparatory work.
8. The possible future activities of TFI mentioned in paragraph 7 above are reflected in the document on the IPCC Trust Fund Programme and Budget (IPCC-XXXVII/Doc. 2, Corr.1).
9. The TFI extends appreciation to Malaysia, Indonesia, Japan, USA, and Thailand for their support by hosting meetings mentioned in paragraphs 3-7 above.