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REPORTS

Expert Meeting to collect EFDB and Software users' feedback
25 – 28 January 2016, Kobe, Japan

(Submitted by the Acting Secretary of the IPCC)

REPORTS

Expert Meeting to collect EFDB and Software users' feedback 25 – 28 January 2016, Kobe, Japan

(Prepared by the Co-chairs of the Task Force Bureau)

Introduction

The Expert Meeting to collect Emission Factor Database (EFDB) and Software users' feedback was held in Kobe, Japan, on 25 – 28 January 2016. The objective of this meeting was to help inventory compilers going beyond the Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories (Revised 1996 IPCC Guidelines), specifically to encourage the use of the 2006 IPCC Guidelines for National Greenhouse Gas Inventories (2006 IPCC Guidelines) and the IPCC Inventory Software. In addition, the meeting was expected to collect any feedback on the EFDB and IPCC Inventory Software. The Task Force on National Greenhouse Gas Inventories (TFI) extends its appreciation to the Government of Japan for the support to hold this meeting.

The paragraph in the TFI Progress Report submitted to the IPCC at its 40th Session relevant to this expert meeting is quoted in Annex 1 to this document. The meeting programme is in Annex 2, and the list of participants is in Annex 3 to this document.

Meeting Summary

On the first day, a number of presentations were delivered by the TFI Technical Support Unit (TFI TSU) including an overview of national greenhouse gas inventory and TFI activities, and guidance on good practice elements. Each presentation was followed by questions & answers and discussion.

On the second day, the meeting was split into two groups, Group 1 on Energy, Industrial Processes and Product Use (IPPU) and Waste Sectors and Group 2 on Agriculture, Forestry and Other Land Use (AFOLU) Sector, for hands-on exercise using the IPCC Inventory Software and for discussion on sector-specific issues. Both groups reviewed the methods provided in the 2006 IPCC Guidelines and examined the IPCC Inventory Software using dummy data prepared by the TFI TSU.

On the third day, the break-out group session for hands-on exercise on sector-specific issues continued in the morning. In the afternoon, a plenary session was held for hands-on exercises to simulate inventory compilation using the IPCC Inventory Software, to learn how to ensure time series consistency by using the splicing techniques suggested in the 2006 IPCC Guidelines, and to learn how to search for data using the EFDB.

On the fourth day, at the wrap-up session, the participants discussed what the TFI can do to help inventory compilers further. The TFI TSU collected the participants' feedback on the areas for potential improvement of the EFDB and the IPCC Inventory Software based on the experiences shared and issues identified during the meeting.

Main Meeting Recommendations

The major suggestions from this Expert Meeting were as follows:

- It is desirable that TFI continue to hold this type of expert meeting to help inventory compilers and to disseminate the IPCC Guidelines and relevant tools.
- Promotion of the 2006 IPCC Guidelines, IPCC Inventory Software and EFDB should be enhanced for example by the development of an on-line training course. Translation of the IPCC Inventory Software and EFDB into non-English UN languages would help promotion.

- Better linkage between the IPCC Inventory Software and EFDB should be considered. For example, a mechanism should be devised to collect country-specific emission factors entered in the IPCC Inventory Software by users so that they can be forwarded to the EFDB Editorial Board for consideration for inclusion into the EFDB.
- Current version of the IPCC Inventory Software implements Tier 1 methods. Possibility of moving to Tier 2 should be considered.

Proposal on this expert meeting reflected in TFI Progress Report to the 40th Session of the IPCC

Paragraph 10(viii) in IPCC-XL/Doc. 6, Rev.1 (Progress Report of the Task Force on National Greenhouse Gas Inventories)

The Task Force Bureau (TFB) (26th meeting in Ottawa, Canada on 28-29 August 2014) reached the following conclusions about future activities of the TFI.

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viii. TFB endorsed to continue other TFI activities, including the meeting supported directly by the Government of Japan with continued past focus on developing country needs, and meetings on Software/EFDB.

Meeting Programme

Monday 25th January: Plenary	
09:00	Registration
09:30	Welcome <ul style="list-style-type: none"> • Co-Chairs Introduction <ul style="list-style-type: none"> • Explanation of the objective of this meeting
10:00	Overview <ul style="list-style-type: none"> • National GHG Inventories: Scope and general principles • Development of the 2006 IPCC Guidelines and relationship to earlier IPCC Guidelines
10:30	Guidance on good practice elements <ul style="list-style-type: none"> • Approaches to data collection • Uncertainty analysis • Methodological choice & key category analysis
13:00	LUNCH
14:30	Guidance on good practice elements <ul style="list-style-type: none"> • Time series consistency • QA/QC and documentation • Discussion IPCC Tools <ul style="list-style-type: none"> • IPCC Tools: Emission Factor Database • IPCC Tools: Inventory Software
17:30	END

Tuesday, 26th January: Parallel Sectoral Sessions		
	Group 1 - Energy, IPPU and Waste	Group 2 – AFOLU
	Both groups will: <ul style="list-style-type: none"> • Review the methods used and work through examples • Exercise in using the Software • Provide time for discussion • Q&A • Consider potential issues for consideration by the TFI • Consider ideas for potential improvement and development of the Software 	
09:00	Energy <ul style="list-style-type: none"> • Fuel Combustion • Reference Approach • Fugitive Emissions Waste <ul style="list-style-type: none"> • Waste Data • Solid Waste Disposal and Treatment • Wastewater Treatment 	AFOLU <ul style="list-style-type: none"> • Livestock • Land • Aggregate Sources and Non-CO₂ Emission Sources on Land

	IPPU <ul style="list-style-type: none"> • Types of Sources • Cement Industry • Iron & Steel Industry • F-gases 	
17:30	END	
18:00	Reception	

Wednesday, 27th January: Parallel Sectoral Sessions & Plenary

	Group 1 - Energy, IPPU and Waste	Group 2 – AFOLU
09:00	Continuation of sectoral session	Continuation of sectoral session
Plenary		
14:30	Exercises in using the IPCC Inventory Software <ul style="list-style-type: none"> • Simulation exercise on inventory compilation • Key category analysis • Reporting tables Exercises in ensuring Time Series Consistency Exercises in using the EFDB	
17:30	END	

Thursday, 28th January: Plenary

9:00	Closing plenary <ul style="list-style-type: none"> • Questions & answers • Presentation on UNFCCC's experience, feedback on the use of EFDB and Software • Discussion on experiences and issues raised – what can TFI do to help? • Identification of potential areas of improvement/development
11:00	FINISH

List of Participants

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Fatma Betül Baygüven Turkish Statistical Institute (TurkStat) Turkey	Quach Tat Quang Ozone Layer Protection Center, Department of Meteorology, Hydrology and Climate Change, MONRE Vietnam
Daniel Michael Brisard IRSE - Institut Recherches en Santé et Environnement Haiti	Ildelfonso Quilloy Department of Environment and Natural Resources-Forest Management Bureau (DENR-FMB) Philippines
Eduardo Calvo Buendia (TFI Co-chair) Universidad Nacional Mayor de San Marcos (UNMSM) Peru	Kokou Sabi Université de Lomé (UL), Faculté Des Sciences (FDS), Laboratoire de Chimie Atmosphérique (LCA) Togo
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