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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)

PROGRESS REPORTS

Progress Report of the Task Force on National Greenhouse Gas Inventories

1. The Task Force on National Greenhouse Gas inventories (TFI) released the final publication versions of the two new Methodology Reports on its website in February 2014. The two reports are: the *2013 Supplement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories: Wetlands (Wetlands Supplement)*¹, and the *2013 Revised Supplementary Methods and Good Practice Guidance Arising from the Kyoto Protocol (KP Supplement)*². Printing of the English versions of these reports and translation of them into other UN languages are under way for distribution later this year.
2. The TFI continued its efforts to maintain, improve and promote the Emission Factor Database (EFDB). It will continue to do this by organizing the 12th Meeting of Editorial Board and the 9th & 10th Data Meetings in November 2014, by distributing DVD version at the 20th Session of the Conference of the Parties to the UNFCCC (COP20) in December 2014, by presenting on EFDB at various international meetings and workshops, and other activities.
3. Terms of some members of the Editorial Board expired at the end of 2013, and terms of some other members will expire at the end of 2014. The Task Force Bureau (TFB) selected new members to replace the outgoing members from the experts nominated by governments and international organizations. The new membership of the Editorial Board is shown in Annex 1 to this document.
4. The IPCC Inventory Software implementing the *2006 IPCC Guidelines for National Greenhouse Gas Inventories* was launched in May 2012 and has since been improved through rectification of bugs and errors detected. The TFI will continue to enhance the usefulness of the software by collecting feedback from Software users, for example, through the *Expert Meeting to Collect EFDB and Software Users Feedback* to be held on 14-16 October 2014 in Hayama, Japan.
5. The TFI held an *Expert Meeting on Application of 2006 IPCC Guidelines to Other Areas* on 1-3 July 2014 in Sofia, Bulgaria, to review examples of application of *IPCC Guidelines* to areas other than preparation of national greenhouse gas inventories. The participants identified issues, possible solutions to them and future work required in applying the *IPCC Guidelines* to, for example, sub-national/corporate/project level reporting, life cycle assessment, estimation of GHG emissions/removals in mitigation projects and programmes. The TFI extends its appreciation to Bulgaria for the support by hosting this expert meeting.
6. The TFI held an *Expert Meeting on Systematic Assessment of TFI Products* on 25-27 August 2014 in Ottawa, Canada. This meeting was attended by 33 experts selected by the TFB based on nominees by governments and international organizations, 3 authors of *2006 IPCC Guidelines* as resource persons, 8 TFB members and a representative of the UNFCCC Secretariat.
7. At this meeting, the participants assessed the currently available TFI products including the *2006 IPCC Guidelines* by sharing experiences in their use by various stakeholders. Two break-out groups were convened, to consider the topics and areas that need to be enhanced, improved, or added. One break-out group was about Energy/Industrial Processes and Product Use (IPPU)/Waste Sectors and the other was about Agriculture, Forestry and Other Land Use (AFOLU). Two more break-out groups were also convened to consider ways to enhance utility of the TFI products such as Emission Factor Database and Inventory Software.

¹ The *Wetlands Supplement* is available at: <http://www.ipcc-nggip.iges.or.jp/public/wetlands/>

² The *KP Supplement* is available at: <http://www.ipcc-nggip.iges.or.jp/public/kpsg/>

8. Following this expert meeting the 26th Meeting of TFB was convened, also in Ottawa, on 28-29 August 2014. At this meeting, TFB considered future activities of the TFI, taking into account the outcome of the expert meeting.
9. The TFI extends its appreciation to Canada for the support by hosting Ottawa meetings.
10. The TFB reached the following conclusions about future activities of the TFI.
 - i. The *2006 IPCC Guidelines* provide a technically sound methodological basis of national greenhouse gas inventory, and therefore fundamental revision is unnecessary.
 - ii. To keep the validity of the *2006 IPCC Guidelines*, there are certain refinements that may be required, taking into account scientific advances that have sufficiently matured since 2006.
 - iii. For this purpose, technical assessment of the need and the feasibility of methodological development/refinement should be carried out in 2015 through two steps. Firstly, an on-line questionnaire survey should be conducted to collect inputs from inventory experts about the need and the feasibility of methodological development/refinement for specific categories and gases. Secondly, two expert meetings for (i) Energy/IPPU/Waste Sectors and (ii) AFOLU Sector should be convened to identify any specific areas or issues that it would be useful to address in TFI's future work. These expert meetings would be required to consider, from the outset, significance criteria and priority setting of the future work.
 - iv. Another expert meeting is proposed for 2016 to conduct technical assessment on cross-sectoral issues, including improvement of user-friendliness of other inventory tools (e.g., EFDB and Inventory Software) with a view to contributing to capacity development programmes, etc.
 - v. The TFB would develop terms of reference (TOR), including significance and prioritization criteria, for these expert meetings.
 - vi. The plan is to request by December 2014 governments' nomination of inventory experts to participate in the 2015 survey and the expert meetings. All government nominees, and past TFI authors would be invited to participate in the on-line survey. The participants in the expert meetings would be selected by TFB from the list of expert nominees from governments.
 - vii. Also in 2016, following the expert meeting mentioned in (iv) above, a Scoping meeting for future TFI work to refine inventory guidelines is proposed. This Scoping meeting would also consider significance and prioritization criteria.
 - 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.
11. As a result of the conclusions by TFB mentioned in paragraph 10 above, revised TFB budgets for 2015 – 2018 (Annex 2) are proposed to the IPCC for consideration at the 40th Session in Copenhagen in October 2014.

Annex 1: New membership of Editorial Board for Emission Factor Database

Table 1 New EFDB Editorial Board membership from 2014

Members who were re-selected: highlighted in yellow
 Members who were newly selected: highlighted with underlines

Energy	Industrial Processes and Product Use	Agriculture	LULUCF	Waste
<u>Dario R. Gomez</u> (Argentina)	<u>Laura Elena Dawidowski</u> (Argentina)	Renato A.R. Rodrigues (Brazil)	Pascal F.M. Boeckx (Belgium)	Olayide Olushola (African Union Commission)
<u>Songli Zhu</u> (China)	Dušan Vácha (Czech Republic)	<u>Paulo Cornejo Guajardo</u> (Chile)	Richard A. Bourbonniere (Canada)	G.H. Sabin Guendehou (Benin)
<u>Julien Vincent</u> (France)	<u>Kristina Saarinen</u> (Finland)	Xunhua Zheng (China)	Chengyi Zhang (China)	Maja Colovic Daul (Bosnia-Herzegovina)
Michael Strogies (Germany)	<u>Winfried Schwarz</u> (Germany)	<u>David Buluku Adegu</u> (Kenya)	<u>Elizabeth Philip</u> (Malaysia)	Qingxian Gao (China)
<u>Amit Garg</u> (India)	Tatsuya Hanaoka (Japan)	<u>Keith R. Lassey</u> (New Zealand)	Vladimir Korotkov (Russian Federation)	<u>Sang Won Lee</u> (Korea)
Mufreh Alrashidi (Kuwait)	<u>Youngsook Lyu</u> (Korea)	<u>Samuel Adeoye Adejuwon</u> (Nigeria)	Åsa Kasimir Klemedtsson (Sweden)	<u>Keith Brown</u> (UK)
Aleksandr Merkushkin (Uzbekistan)	<u>Natalya Parasyuk</u> (Ukraine)	Thomas C Wirth (USA)	<u>Carl P. Meyer</u> (UNU, Australia)	Jaber Al Jaber (United Arab Emirates)
		<u>Matieu Henry</u> (FAO)		

Table 2 New EFDB Editorial Board membership from 2015

Members who were re-selected: highlighted in yellow
 Members who were newly selected: highlighted with underlines

Energy	Industrial Processes and Product Use	Agriculture	LULUCF	Waste
Dario R. Gomez (Argentina)	Laura Elena Dawidowski (Argentina)	Renato A.R. Rodrigues (Brazil)	Pascal F.M. Boeckx (Belgium)	Olayide Olushola (African Union Commission)
<u>Rana Humbatova (Azerbaijan)</u>	Amr Abdel Aziz (Egypt)	Paulo Cornejo Guajardo (Chile)	Richard A. Bourbonniere (Canada)	G.H. Sabin Guendehou (Benin)
Songli Zhu (China)	Kristina Saarinen (Finland)	Xunhua Zheng (China)	Chengyi Zhang (China)	Maja Colovic Daul (Bosnia-Herzegovina)
<u>Ole-Kenneth Nielsen (Denmark)</u>	Winfried Schwarz (Germany)	<u>Jürgen Augustin (Germany)</u>	<u>Motoshi Hiratsuka (Japan)</u>	Qingxian Gao (China)
Julien Vincent (France)	Tatsuya Hanaoka (Japan)	David Buluku Adegu (Kenya)	Elizabeth Philip (Malaysia)	Sang Won Lee (Korea)
Amit Garg (India)	Youngsook Lyu (Korea)	Keith R. Lassey (New Zealand)	Vladimir Korotkov (Russian Federation)	Keith Brown (UK)
Mufreh Alrashidi (Kuwait)	Natalya Parasyuk (Ukraine)	Samuel Adeoye Adejuwon (Nigeria)	Carl P. Meyer (UNU, Australia)	Jaber Al Jaber (United Arab Emirates)
		Matieu Henry (FAO)		

Annex 2: TFI Budget for 2015-2018³ (To be proposed to IPCC40)⁴

		2015 (revised) ⁵			2016			2017			2018		
		DC/EIT support	Other Expenditure	Total	DC/EIT support	Other Expenditure	Total	DC/EIT support	Other Expenditure	Total	DC/EIT support	Other Expenditure	Total
TFB	Annual meeting	36,000 <i>9 journeys</i>	6,120	42,120	36,000 <i>9 journeys</i>	6,120	42,120	36,000 <i>9 journeys</i>	6,120	42,120	36,000 <i>9 journeys</i>	6,120	42,120
EFDB	Editorial Board meeting	84,000 <i>21 journeys</i>	14,280	98,280	84,000 <i>21 journeys</i>	14,280	98,280	84,000 <i>21 journeys</i>	14,280	98,280	84,000 <i>21 journeys</i>	14,280	98,280
	Data meetings	80,000 <i>20 journeys</i>	13,600	93,600	80,000 <i>20 journeys</i>	13,600	93,600	80,000 <i>20 journeys</i>	13,600	93,600	80,000 <i>20 journeys</i>	13,600	93,600
TFI Expert Meetings	EFDB and Software Users Feedback (Japan meeting) ⁶	40,000 <i>10 journeys</i>	0	40,000	40,000 <i>10 journeys</i>	0	40,000	40,000 <i>10 journeys</i>	0	40,000	40,000 <i>10 journeys</i>	0	40,000
	Technical Assessment (Energy/IPPU/Waste)	120,000 <i>30 journeys</i>	20,400	140,400									
	Technical Assessment (AFOLU)	120,000 <i>30 journeys</i>	20,400	140,400									
	Technical Assessment (Cross-sectoral issues)				96,000 <i>24 journeys</i>	16,320	112,320						
	Scoping Future Methodological Development				96,000 <i>24 journeys</i>	16,320	112,320						
Methodological development	Lead Author Meetings (5 meetings per year) ⁷							672,000 <i>168 journeys</i>	114,240	786,240	672,000 <i>168 journeys</i>	114,240	786,240
	IPCC Plenary (Session to adopt/accept the outcome of methodological development)										48,000 <i>12 journeys</i>	8,160	56,160
Other	EFDB Maintenance			7,000			7,000			7,000			7,000
	2006 GL Software Maintenance/Development			20,000			6,000			6,000			6,000

³ Budget costs are estimated following WMO rules: cost per trip is CHF 4,000 and the meeting costs are 17% of the travel costs.

⁴ This will be considered by IPCC 40 held in Copenhagen, Denmark on 27-31 October 2014.

⁵ Originally 2015 budget was approved by the IPCC 39. The revised 2015 budget is proposed for approval by the IPCC 40. Subsequent years are indicative only and will be subject to consideration at the newly elected TFB.

⁶ Other costs, including additional travel support will be covered by Japan via TSU.

⁷ It is assumed that there will be 2 meetings on Energy/IPPU/Waste Sectors and 2 meetings on AFOLU Sector with 36 travel supports per meeting, and also one meeting on cross-sectoral issues with 24 travel supports, in each of 2017 and 2018.