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**REPORTS**

**Task Force on National Greenhouse Gas Inventories (TFI)  
Work Programme and Budget for 2016-2018**

(Submitted by the Acting Secretary of the IPCC)  
(Prepared by the Co-Chairs of the Task Force Bureau)

## REPORTS

### Task Force on National Greenhouse Gas Inventories (TFI) Work Programme and Budget for 2016-2018

#### Background

1. The IPCC decided at its 41<sup>st</sup> Session (24 – 27 February 2015, Nairobi) that: (*Decision IPCC/XLI-4.Future work of the IPCC*)
  - The IPCC will continue to prepare Methodology Reports on National Greenhouse Gas Inventories.
  - The Task Force on National Greenhouse Gas Inventories (TFI) will be retained with current mandate and structure.
2. The 26<sup>th</sup> Meeting of Task Force Bureau (TFB) (28 - 29 August 2014, Ottawa) concluded that:
  - The *2006 IPCC Guidelines* provide a technically sound methodological basis of national greenhouse gas inventory, and therefore fundamental revision is unnecessary.
  - To maintain the validity of the *2006 IPCC Guidelines*, certain refinements may be required, taking into account scientific and other technical advances that have matured sufficiently since 2006.
3. The United Nations Framework Convention on Climate Change (UNFCCC) at its 21<sup>st</sup> session of the Conference of the parties (COP21), (December 2015) will adopt a “protocol, another legal instrument or an agreed outcome with legal force under UNFCCC applicable to all Parties”. This may require a methodological basis.
4. While the *2006 IPCC Guidelines* are yet to be fully implemented, especially by developing countries, there is abundant new scientific knowledge which needs to be taken into account, particularly with respect to data for emission factor development. Consequently the need to *refine* of current methodologies has been recognized.
5. For the IPCC to be helpful, refinements will be required by 2019 so that UNFCCC countries will be able to decide to use updated inventory methodologies beyond 2020.

#### Objectives and Outputs

6. The refinements work is meant to provide updated sound basis for future international climate actions beyond 2020 and should be completed in time for this.
7. Refinements may comprise a suite of products, including preparation of an IPCC Methodology Report, issuance of expert meeting reports, internet Frequently Asked Questions (FAQs) and/or technical bulletins, addition of new emission factors and parameters in the IPCC Emission Factor Database (EFDB). Of these, only a Methodology Report can have the same legal status as IPCC Guidelines, which are adopted by the Panel prior to a COP decision for agreement for use by under UNFCCC.
8. For the purpose of work planning, the Methodology Report may be termed as “2019 Methodology Report.” Conceptually this could be a supplementary report (to be used in conjunction with the *2006 IPCC Guidelines*) or a bridging report (specifying refinements that are to be incorporated to produce a technical updated edition of the guidelines). Which of these two options is chosen will be decided with the agreement of the Panel. The methodological substance will be identical in both cases.

## Work Planning

9. 2016 draft budget will need to contain the following meetings;
  - (a) an expert meeting, to follow up on issues identified by the technical assessment expert meetings on energy, Industrial Processes and Product Use (IPPU), waste and Agriculture, Forestry and Other Land Use (AFOLU) held in 2015. In this expert meeting, most recent scientific information of certain specific issues will be considered including;
    - (i) unidentified sources of fluorinated greenhouse gases (e.g. HFCs and PFCs),
    - (ii) updating of emission factors and other parameters and methodological clarification in Agriculture sector,
    - (iii) emissions from flooded land, and
    - (iv) updating of emission factors and other parameters and methodological clarification in FOLU sector.
  - (b) an expert meeting on cross-sectoral issues, to be held back to back with, or subsequent to the expert meeting identified under (a).
  - (c) a scoping meeting for the preparation of the proposed 2019 Methodology Report,
  - (d) annual EFDB meetings (Editorial Board, and two Data meetings) and
  - (e) the so-called, “Japan meeting” (largely on IPCC Inventory Software and use of IPCC inventory guidelines, and largely funded by the TFI-TSU Fund), as well as, routine budget for improvements of the IPCC Inventory Software and EFDB.
10. The draft terms of reference, draft table of contents and draft work plan for the proposed 2019 Methodology Report will be prepared at the scoping meeting mentioned in 9 (c) above, and will be submitted to 2016 Autumn session of the Panel for its consideration and approval.
11. Pending Panel approval, governments’ nomination of authors will be solicited. 2017 activities might include, in addition to regular activities of Inventory Software (including “Japan meeting”) and EFDB, two sectoral (Energy, IPPU & Waste Sectors and AFOLU Sector) first lead authors meetings (LAM 1-a and 1-b) and the second lead authors meeting (LAM-2). In line with the IPCC Procedures, they will be followed by an expert review of the first-order draft (FOD), the third lead authors meeting (LAM-3) in early 2018, a government and expert review of the second-order draft (SOD), the fourth lead authors meeting (LAM-4) in mid-2018 and final government consideration of the final draft (FD) before an eventual acceptance and adoption of a 2019 Methodology Report. It is likely that one or two small science meetings may be required in mid- or late-2017.

## The Final Products

12. The 2019 Methodology Report will likely be a compilation of sectoral updates and additions. In the case that the Methodology Report is a bridging report, an updated edition of the *2006 IPCC Guidelines* would be produced, which would have full legal status once agreed by the Parties. In the case that the 2019 Methodology Report is a supplement with legal status for use with the *2006 IPCC Guidelines*, for the convenience of users (inventory compilers, in particular) an electronic composite version of the *2006 IPCC Guidelines*, as amended, could still be prepared.
13. The TFB in consultation with the TFI TSU will ensure that the scoping meeting takes full account of the issues identified by the expert meetings in Geneva and Sao Paulo in 2015 and by the expert meeting on cross-sectoral issues in 2016, whether or not these issues have been the subject of an additional expert meeting.
14. The work will produce a number of technical bulletins and web-site FAQs, the production of which will be decided upon and managed by the TFB in consultation with relevant experts and the TFI TSU.

15. Population of EFDB will need to be accelerated throughout this period so that new scientific information can be reflected as they become available.
16. Proposals to deliver this work are included in the document IPCC-XLII/Doc.2, Rev.1, and in Annex 1 to this document.

**Draft TFI Budget for 2016-2018<sup>1</sup> (2016 Draft budget for approval by IPCC 42, 2017 forecast, 2018 indicative), contained in document IPCC-LXII/Doc.2, Rev.1**

		2016			2017 (forecast)			2018 (indicative)		
		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
EFDB	Editorial Board meeting	96,000 <i>24 journeys</i>	16,320	112,320	96,000 <i>24 journeys</i>	16,320	112,320	96,000 <i>24 journeys</i>	16,320	112,320
	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
TFI Expert Meeting	EFDB and Software Users Feedback (Japan meeting) <sup>2</sup>	44,000 <i>11 journeys</i>	0	44,000	44,000 <i>11 journeys</i>	0	44,000	44,000 <i>11 journeys</i>	0	44,000
	Technical Assessment (Cross-sectoral issues) <sup>3</sup>	132,000 <i>33 journeys</i>	22,440	154,440						
	Technical assessment of IPCC Inventory Guidelines - follow on specified issues from the 2015 expert meetings <sup>4</sup>	132,000 <i>33 journeys</i>	22,440	154,440						
Methodological development (2019 Methodology Report) <sup>5</sup>	Scoping Meeting <sup>6</sup>	132,000 <i>33 journeys</i>	22,440	154,440						
	Lead Author Meetings <sup>7,8</sup>				684,000 <i>171 journeys</i>	116,280	800,280	744,000 <i>186 journeys</i>	126,480	870,480
	Science meetings <sup>9</sup>				88,000 <i>22 journeys</i>	14,960	102,960			
Other	EFDB Maintenance			7,000			7,000			7,000
	2006 GL Software Maintenance/Development			6,000			6,000			6,000

<sup>1</sup> Budget costs are estimated following WMO rules: cost per trip is CHF 4,000 and the meeting costs are 17% of the travel costs.

<sup>2</sup> Other costs, including additional travel support will be covered by Japan via TSU.

<sup>3</sup> Travel supports are required for 24 experts and 9 TFB members.

<sup>4</sup> Travel supports are required for 24 experts and 9 TFB members.

<sup>5</sup> The name of Methodology Report needs to be provisionally determined. (Final decision on the title will be taken at the IPCC Plenary after the Scoping Meeting.)

<sup>6</sup> Travel supports are required for 24 experts and 9 TFB members.

<sup>7</sup> 1st LAM on Energy/IPPU/Waste Sectors (49 travel supports), 1st LAM on AFOLU Sector (37 travel supports) and 2nd LAM on all Sectors (85 travel supports) in 2017.

<sup>8</sup> 3rd LAM (93 travel supports) and 4th LAM (93 travel supports) in 2018.

<sup>9</sup> Meetings of CLAs and some LAs to discuss specific issues that require intensive discussion to reinforce the writing process.