



IPCC TFI: Recent Activities

15th Workshop on GHG Inventories in Asia (WGIA15)

Nay Pyi Taw, Myanmar,

11-14 July 2017

Baasansuren Jamsranjav, IPCC TFI TSU

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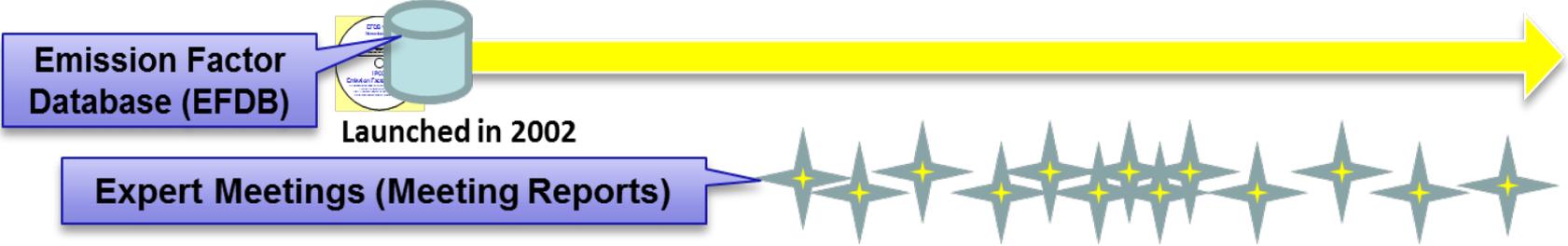
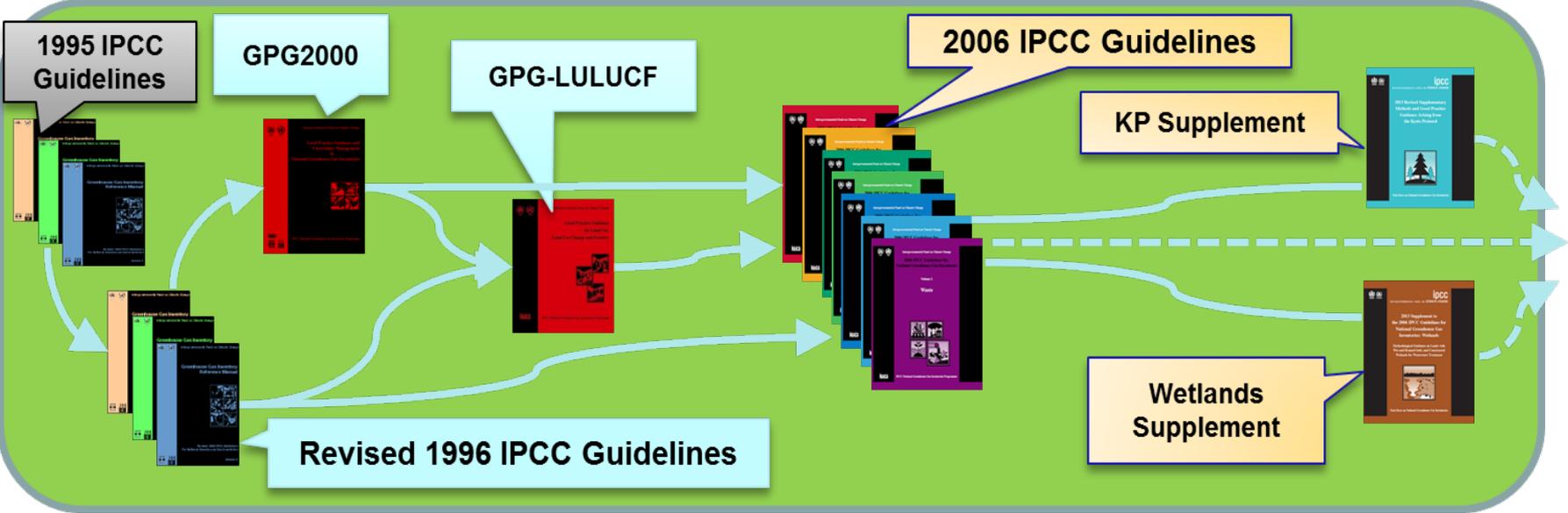
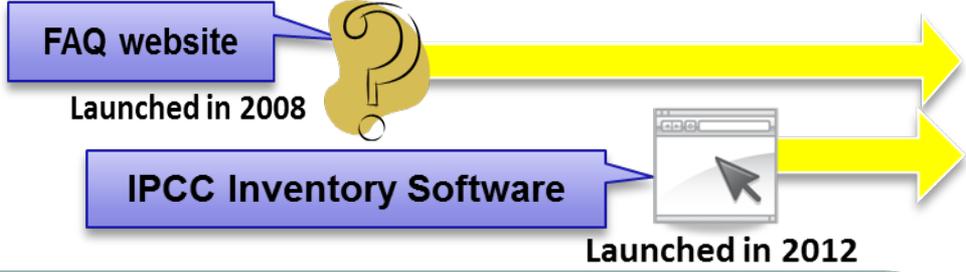
INTERGOVERNMENTAL PANEL ON climate change



IPCC Task Force on National Greenhouse Gas Inventories

- Task Force on National Greenhouse Gas Inventories (TFI) was established in 1998 by the IPCC
- The objectives of the IPCC TFI are:
 - to develop and refine an internationally-agreed methodology and software for the calculation and reporting of national GHG emissions and removals
 - to encourage the widespread use of this methodology by countries participating in the IPCC and by signatories of the United Nations Framework Convention on Climate Change (UNFCCC)
- Technical Support Unit (TSU) which is based in Japan provides support to the TFI under the overall supervision of the Bureau of the TFI (TFB)

Evolution of Inventory Guidelines



2019 Refinement

- IPCC at its 44th Session in October 2016 approved the Outline of the Methodology Report(s) and decided to prepare a Methodology Report to refine the 2006 IPCC Guidelines for National Greenhouse Inventories with the following format and title (*IPCC/XLIV-5*):
 - The format should be one single Methodology Report comprising an Overview Chapter and five volumes following the format of the *2006 IPCC Guidelines*
 - The title of the Methodology Report should be "*2019 Refinement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories*"

2019 Refinement

- The overall aim of the refinement of the *2006 IPCC Guidelines* is to provide an updated and sound scientific basis for supporting the preparation and continuous improvement of national greenhouse gas inventories
- The refinement work **will not revise** the *2006 IPCC Guidelines*, but **will update, supplement and/or elaborate** the *2006 IPCC Guidelines* where gaps or out-of-date science have been identified
- The *2019 Refinement* will not replace the *2006 IPCC Guidelines*, but will be used in conjunction with the *2006 IPCC Guidelines*

2019 Refinement: Work plan

Event	Date
1 st Lead Author Meeting (LAM1)	7-14 Jul 2017
2 nd Lead Author Meeting (LAM2)	25-28 Sep 2017
FOD Expert Review	4 Dec 2017 - 11 Feb 2018 (10 weeks)
3 rd Lead Author Meeting (LAM3)	Week of 9 - 13 Apr 2018
SOD Government/Expert Review	2 Jul - 9 Sep 2018 (10 weeks)
4 th Lead Author Meeting (LAM4)	Week of 22 - 27 Oct 2018
Final Draft Government Review	14 Jan - 10 Mar 2019 (8 weeks)
IPCC Panel Adoption/Acceptance	May 2019

FOD: First Order Draft; SOD: Second Order Draft

IPCC Emission Factor Database (EFDB)

- Library of emission and other parameters that can be used for estimation national GHG emissions/removals
- Two types of applications:
 - Web application
 - Offline application: the latest version is available for download at <http://www.ipcc-nggip.iges.or.jp/EFDB/main.php>
- Growing importance of the IPCC EFDB
 - Improvement of data quality by enhancement of the sharing of country-specific emission factors through the IPCC Emission Factor Database and among Parties not included in Annex I to the Convention (*FCCC/SBI/2011/5/Rev.1*)
 - If Annex I Parties lack country-specific information, they could also use EFs or other parameters provided in the IPCC Emission Factor Database, where available, provided that they can demonstrate that those parameters are appropriate in the specific national circumstances and are more accurate than the default data provided in the *2006 IPCC Guidelines (Decision 24/CP.19)*

IPCC Emission Factor Database (EFDB)

- Populating the database
 - More than 300 new data were accepted by EFDB Editorial Board at its 14th meeting held in December 2016 (Bali, Indonesia) for inclusion into the EFDB
- Other improvements (e.g. improvements of website, user-interface)
- Open to any data proposals
 - To submit your data please contact TSU at ipcc-efdb@iges.or.jp

IPCC Inventory Software

- Implements the *2006 IPCC Guidelines*
- Work to incorporate Tier 2 methods is completed for Energy, Industrial Processes and Product Use, and Waste sectors
- Organizing expert meetings annually
 - Use of the 2006 IPCC Guidelines for National Greenhouse Gas Inventories: IPCC Expert Meeting to collect EFDB and Software users' feedback (14-17 March 2017, Kitakyushu, Japan)
- Continuing support to users
 - Help Desk:
ipcc-software@iges.or.jp
 - Web Forum:
<https://discussions.zoho.com/ipccinventorysoftware/>
- The latest version of the software is available at
<http://www.ipcc-nggip.iges.or.jp/software/index.html>

Support to Training Programmes on GHG Inventories

- TFI itself does not organize training programmes
- Continued support to inventory-related capacity building programmes/activities implemented by other organizations (e.g. provide support through attendance of TSU staff as resource persons)
- Enhanced collaboration with UNFCCC Secretariat (Memorandum of Understanding signed in 2016)
 - Workshop on the Building of Sustainable National Greenhouse Gas Inventory Management Systems and the Use of the 2006 IPCC Guidelines for National Greenhouse Gas Inventories for the Asia-Pacific and the Eastern European Regions (5-9 September 2016, Incheon, Republic of Korea)
 - Africa Regional Workshop on the Building of Sustainable National Greenhouse Gas Inventory Management Systems and the Use of the 2006 IPCC Guidelines for National Greenhouse Gas Inventories (24-28 April 2017, Swakopmund, Namibia)

Other Activities and Products

- Expert meetings
 - Supporting users of the IPCC Guidelines addressing various topics of concern
- Supporting materials (e.g. meeting reports, technical bulletins, primer of the *2006 IPCC Guidelines*, brochures etc.)
 - Report of IPCC Scoping Meeting for a Methodology Report(s) to refine the 2006 IPCC Guidelines for National Greenhouse Gas Inventories, 2016
- Frequently Asked Questions (FAQs) website

Task Force on
National Greenhouse Gas Inventories

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IPCC web sites



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IPCC-TFI Home

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Emission Factor Database (EFDB)

[Electronic Discussion Group \(EDG\)](#)

The Intergovernmental Panel on Climate Change (IPCC) was established by the World Meteorological Organization (WMO) and the United Nations Environment Programme (UNEP) in 1988. Its main objective was to assess scientific, technical and socio-economic information relevant to the understanding of human induced climate change, potential impacts of climate change and options for mitigation and adaptation. The IPCC has completed four assessment reports, developed methodology guidelines for national greenhouse gas inventories, special reports and technical papers. For more information on the IPCC, its activities and publications, please see the [IPCC homepage](#).

The IPCC National Greenhouse Gas Inventories Programme was managed from 1991 by the IPCC WG I in close collaboration with the Organisation for Economic Co-operation and Development (OECD) and the International Energy Agency (IEA) until its transfer to the IPCC's Task Force on National Greenhouse Gas Inventories (TFI) based in Japan in 1999.

[\[More \]](#)

Wetlands Supplement

The 2013 Supplement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories: Wetlands (Wetlands Supplement) was

Thank you

<http://www.ipcc-nggip.iges.or.jp/index.html>