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PROGRESS REPORTS

Task Force on National Greenhouse Gas Inventories

(Prepared by the Co-Chairs of the Task Force on National Greenhouse Gas Inventories)

(Submitted by the Secretary of the IPCC)

PROGRESS REPORTS

Task Force on National Greenhouse Gas Inventories

2019 Refinement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories

Following the adoption of the Overview Chapter and the acceptance of the underlying methodological report by the Panel at its 49th Session in Kyoto, Japan, in May 2019 (Decision IPCC-XLIX-9), the copy-edited final version of the *2019 Refinement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories (2019 Refinement)* has been published on 29 November 2019 on the IPCC TFI website (<https://www.ipcc-nggip.iges.or.jp/public/2019rf/index.html>).

Methodological Work on Short-lived Climate Forcers

Following the decision taken by the Panel at its 49th Session on Short-lived Climate Forcers (Decision IPCC-XLIX-7), the Task Force on National Greenhouse Gas Inventories (TFI) has started preparatory work for an IPCC Methodology Report on Short-lived Climate Forcers (SLCF) with technical analysis work by TFI Technical Support Unit (TSU) with other experts. Taking the conclusions of expert meeting held in May 2018 into account, this preparatory work covers various SLCF species such as black carbon, organic carbon, CO, NO_x, SO₂, NMVOC, NH₃, while it does not cover methane and hydrofluorocarbons (HFCs), because they are already covered in the *2006 IPCC Guidelines for National Greenhouse Gas Inventories* and other relevant Methodology Reports.

The Task Force Bureau (TFB) at its 31st Meeting in November 2019 considered a plan of preparatory work within the Sixth Assessment Cycle, and concluded that two expert meetings should be held in 2020 and another two in 2021. The first expert meeting is planned for late April 2020 at the Headquarters of Food and Agriculture Organization of the United Nations (FAO) in Rome, Italy, focusing on sources in the Agriculture, Forestry and Other Land Use Sector and Waste Sector. The second is planned for late June 2020 on sources in the Energy Sector and Industrial Processes and Product Use Sector. These expert meetings will be held with the aim to produce supporting materials to enhance common understanding of the subject and to inform the scoping of the future IPCC Methodology Report on SLCF. TFB also agreed that the Scoping Meeting should take place in late June or early July in 2022 so that the outline for the future IPCC Methodology Report can be approved by the Panel in the second Plenary Session in 2022. In order to facilitate this work, the Norwegian Environment Agency kindly provided extra budgetary contribution of NOK 500,000 in October 2019. The TFI extends its appreciation to the government of Norway for this support.

IPCC Inventory Software

The TFI keeps improving the IPCC Inventory Software. A new version, (ver. 2.69), with enhanced (Tier 2) capacity for the livestock categories was released on 25 October 2019, taking comments and requests received from users into account, including through the IPCC Expert Meetings to collect EFDB and Software users' feedback held in Hayama, Japan, in 2018 (31 July - 2 August) and 2019 (15-17 October). The TFI extends its appreciation to the government of Japan for hosting these meetings. The TFI is currently working to enhance the capacity of the IPCC Inventory Software for Land-related categories.

In December 2019, a letter of agreement between the IPCC Secretariat and the Secretariat of the United Nations Framework Convention on Climate Change (UNFCCC) has been signed about provision of additional financial resources from the UNFCCC Secretariat to the IPCC specifically for the further development of the IPCC Inventory Software. This additional financial resources enables TFI TSU to considerably enhance the functions and usability of the IPCC Inventory Software that will be beneficial particularly to developing country Parties to the UNFCCC, which would not have been possible with the IPCC regular annual budget for maintenance. The TFI extends its appreciation to the UNFCCC Secretariat for this support.

Emission Factor Database

The TFI has also continued its work to maintain, improve and promote the Emission Factor Database (EFDB). It organized the 17th Expert Meeting on Data for the EFDB (Agriculture sector) and 17th Meeting of the EFDB Editorial Board, which both took place on 11-14th of November 2019 in Osaka, Japan. The EFDB Editorial Board considered data proposals including those prepared by TSU and more than 500 data in total were accepted for inclusion into the EFDB. These meetings were followed by the 31st Meeting of TFB on 14-15 November 2019. The TFI extends its appreciation to the government of Japan for hosting these meetings.

The terms for 8 out of 36 current members of the EFDB Editorial Board expired at the end of 2019 and for other 10 members the terms will expire at the end of 2020. In order to fill in these 18 positions that fall vacant, nominations of experts were collected from the IPCC member governments and the observer organizations from 25 November 2019 to 23 January 2020. The TFB is now selecting 18 experts from the list of nominees to appoint them as new members of the EFDB Editorial Board.

Others

At the 50th Session of the Subsidiary Bodies to the UNFCCC in Bonn, Germany in June 2019 as well as the 25th Session of the Conference of the Parties to the UNFCCC in Madrid, Spain in December 2019, the TFI held multiple side events on *2019 Refinement*, SLCF inventory methodology and other IPCC TFI activities, including the SBSTA-IPCC joint special event on the *2019 Refinement* (21 June 2019).

The TFI has continued to collaborate with the UNFCCC Secretariat in order to help inventory compilers for better understand and use of the TFI products, providing resource persons at two regional workshops held one for Latin-America and Caribbean Region (2-6 September 2019) and the other for Asia Pacific and Eastern European Regions (22-26 September 2019).