

FORTY-FOURTH SESSION OF THE IPCC Bangkok, Thailand, 17-20 October 2016

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SIXTH ASSESSMENT REPORT (AR6) PRODUCTS

Outline of the Methodology Report(s) to refine the 2006 IPCC Guidelines for National Greenhouse Gas Inventories

Information note on the organization of the scoping meeting

(Submitted by the Secretary of the IPCC)



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Information note on the organization of the scoping meeting

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

1. Introduction

The 26th Meeting of Task Force Bureau (TFB) (28 - 29 August 2014, Ottawa) concluded that:

- The 2006 IPCC Guidelines for National Greenhouse Gas Inventories (2006 IPCC Guidelines) provide a technically sound methodological basis of national greenhouse gas inventories, and therefore fundamental revision is unnecessary.
- To maintain the scientific 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.

Following these conclusions by the TFB, and in accordance with the IPCC Trust Fund programme and budget for the year 2015 and 2016 (approved by the IPCC at its 40th Session and its 42nd Session, respectively), the IPCC Task Force on National Greenhouse Gas Inventories (TFI) carried out a technical assessment of IPCC Inventory Guidelines through an on-line questionnaire survey and four expert meetings in 2015^{1,2} and 2016^{3,4}. This work was to assess where science and data availability had developed sufficiently since the *2006 IPCC Guidelines* to support the refinement or development of methodological advice for specific categories and gases, with a view to identifying any specific areas or issues to be prioritized. Another aim was to conduct technical assessments on cross-sectoral issues, including improvement of user-friendliness of other inventory tools of the IPCC with a view to contributing to capacity development programmes. The technical assessment revealed that there had been abundant new scientific and empirical knowledge published since 2006 which the IPCC should take into account, particularly with respect to data for emission factor development for some categories and gases. Consequently, the necessity and usefulness of *refinement* of the current methodological guidance (e.g. updating default emission factors) was recognized by TFB.

With this background, a proposal on "Refinement of 2006 IPCC Guidelines for National Greenhouse Gas Inventories, including production of a Methodology Report(s)" was considered by the IPCC at its 43rd Session (11-13 April 2016, Nairobi, Kenya). The Panel approved the proposal⁵, and decided to consider the outline of the Methodology Report(s) at the 44th Session of the IPCC in October 2016 and to consider the draft Methodology Report(s) at a Plenary session of the IPCC in May 2019⁶.

¹ Expert Meeting for Technical Assessment of IPCC Inventory Guidelines (Energy, IPPU, Waste Sectors), 29 June - 1 July 2015, Geneva, Switzerland

² Expert Meeting for Technical Assessment of IPCC Inventory Guidelines (AFOLU Sector) 13-16 July 2015, São Paulo, Brazil

³ Expert meeting for Technical Assessment of IPCC Inventory Guidelines: follow-up on specified issues from the 2015 expert meetings, 25-26 April 2016, Wollongong, Australia

⁴ Expert meeting for Technical Assessment of IPCC Inventory Guidelines (Cross-sectoral issues), 27-29 April 2016, Wollongong, Australia

⁵ Decision IPCC/XLIII-8 "Update of methodologies on National Greenhouse Gas Inventories"

⁶ Decision IPCC/XLIII-7. Sixth Assessment Report (AR6) Products. Strategic Planning

In accordance with these decisions, a scoping meeting for a Methodology Report(s) to refine the 2006 IPCC Guidelines was held on 29-31 August 2016, followed by the 28th meeting of TFB on 1-2 September, both in Minsk, Belarus. The TFI extends its appreciation to the Government of Belarus for the support to hold these meetings.

2. Call for nominations

A call for nominations was issued to IPCC Member States and Observer Organizations on 12 May 2016 by the IPCC Secretariat. Expertise sought is shown in Section C-3 of the nomination form which was attached to the letter to IPCC Member States and Observer Organizations. (See Annex 1 to this document.) 198 nominations were received, corresponding to a total of 197 experts (one expert was nominated by more than one nominator), from 59 Member States, 11 Observer Organizations, and members of IPCC Bureau and TFB.

3. Participant selection

A selection process based on IPCC procedures was agreed upon by the TFB. The process is documented in Annex 2 with a summary and statistics of nominees, invitees (selected nominees who were invited to the meeting), and participants (invitees who participated in the meeting). The selection was conducted by the TFB with assistance of the TFI Technical Support Unit (TFI TSU). Members of the TFB were invited to participate in the scoping meeting taking advantage of the 28th meeting of the TFB being held back to back to the scoping meeting.

4. List of participants

The final list of participants consisted of 94 experts, 14 members of TFB, and 7 members of TFI TSU. An analysis of the composition of the list of participants is provided in Annex 2. The list of participants, together with the members of TFB and TFI TSU staff present at the meeting, is provided in Annex 3.

5. Scoping meeting

The scoping meeting aimed to consider the scope and format of the Methodology Report(s), and to prepare draft terms of reference (TOR), draft table of contents (TOC) and draft work plan for the Methodology Report(s). To achieve these aims, the scoping meeting took full account of issues identified by the four technical assessment expert meetings held in 2015 and 2016 as well as decisions taken at the 43rd Session of the IPCC.

The consideration and discussion on the scope and format of the Methodology Report(s) was carried out according to the agenda shown in Annex 4 which was agreed upon by the meeting at the beginning. At the first plenary, scene-setting presentations were delivered by the TFI TSU so that all the participants could share understanding of objectives and expected outcome of the meeting. Discussion on the format of the Methodology Report(s) and some other issues followed the presentations by TFI TSU. Subsequently the meeting split into the following 5 break-out groups (BOGs) for further detailed discussion particularly on the draft TOC based on the annotated list of issues prepared by TFI TSU. Some of these BOGs split into smaller sub-groups during the discussion.

- BOG1: TOC for cross-sectoral issues (Vol. 1 of 2006 Guidelines)
- BOG2: TOC for issues on Energy Sector (Vol. 2 of 2006 Guidelines)
- BOG3: TOC for issues on IPPU Sector (Vol. 3 of 2006 Guidelines)
- BOG4: TOC for issues on AFOLU Sector (Vol. 4 of 2006 Guidelines)
- BOG5: TOC for issues on Waste Sector (Vol. 5 of 2006 Guidelines)

At the final plenary, conclusions of discussion during the BOG session were reported by each BOG, followed by final discussion on overall issues including the draft TOR for the production of the Methodology Report(s), the draft work plan and the draft instructions to experts and authors.

6. Conclusions

The scoping meeting concluded to recommend the following to the TFB:

- 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".

Regarding the draft TOC and the draft TOR including the work plan and the instructions to experts and authors, the scoping meeting recognized that further work is required to harmonize and integrate the outputs from each BOG as well as to reflect discussion at the final plenary. The scoping meeting agreed that TFI TSU should undertake that work in consultation with the TFB.

Following this agreement by the scoping meeting, the TFI TSU worked in consultation with the TFB on the draft TOC and the draft TOR including the work plan and the instructions to experts and authors after the scoping meeting, and circulated these drafts to the participants of the scoping meeting for their review. The drafts were further amended by TFI TSU to take into account the comments received from the participants.

All the conclusions mentioned above as well as the draft TOC and the draft TOR including the work plan and the instructions to expert and authors were agreed by the TFB, and submitted to the Panel for consideration at the 44th Session as contained in the document IPCC-XLIV/Doc. 12.

Nomination form for the Scoping Meeting for a Methodology Report(s) to refine the 2006 IPCC Guidelines

	Submission Date:				
Scoping Meeting for a Methodology Report(s) to refine the 2006 IPCC Guidelines Nomination Form					
Section A-1: Person Nominating					
Surname/Family Name	First/Given Name, and Other Initia	ls			
Country or Organisation					
Telephone (including country code)	Fax (including country code)				
Email Address	Are you an IPCC Government Foo	al Point?			
Email Address (secondary, if relevant)	Yes		No		
Section A-2: Contact Person for All Nomination	-	<u> </u>			
Surname/Family Name	First/Given Name and Other Initials				
Country or Organisation					
Telephone (including country code)	Fax (including country code)				
Email Address	Are you an IPCC Government Focal Point?				
Email Address (Secondary, if relevant)	Yes		No		
Section B: Person Being Nominated					
Surname/Family Name	First/Given Name and Initials				
Gender (Female or Male)					
Citizenship					
Country of residence					
Birthday (optional)					
Institution					
Postal Address					
Telephone (including country code)	Fax (including country code)				

Section C: Employment, Education, and Expertise of Person Being Nominated

Section C-1: Current Employment

	Current Employment				
Employer:		Brief description (limited to 350 cl	n of activities and	l responsibilities	
Position or		(limited to 350 ci	naracters)		
Job Title:					
Since (Year)					
Sector (chec	k one or more)				
	Academia/Research	1			
***************************************	Private Sector/Industry				
	Environmental/NGO				
	Other (please specify) =>				
	ibe up to 5 relevant professions vant employment experience ar		eadership and co	mmunication roles) (limited to a to	otal of 2,000 characters)
1					
2					
3	***************************************			***************************************	***************************************
4					
5					
	Educational Background and E	xpertise			
Degree		Subject:			
Name: Institution:		Year:			
	ertise (limited to 1000 character				
Aleas of Exp	ertise (illilited to 1000 character	15)			
Other degree	s of different subjects from the	one specified ab	ove (limited to th	ree)	
	Degree Name	1	ject	Institution	Year
1	Q 1 1 1		•		
2					
3					
-	ations, such as diploma, or vo	cational training	certificates (limite	ed to three)	
1		-			
2	-				
3					
Languages s	poken well	Languages writt	en well		

Section C-3: Experience in Inventory Preparation and Expertise Specifically Relevant to Inventory Sectors

More than 5 years 3 - 5 years 1 - 3 years ess than 1 year Approaches to data collection (relevant to Chapter 2, Vol.1)	Uncert (relevant to Ch	ainties		
years 3 - 5 years 1 - 3 years ess than 1 year Approaches to data collection (relevant to Chapter 2,			Methodological	
1 - 3 years ess than 1 year Approaches to data collection (relevant to Chapter 2,			Methodological	
Approaches to data collection (relevant to Chapter 2,			Methodological (
Approaches to data collection (relevant to Chapter 2,			Methodological (
data collection (relevant to Chapter 2,			Methodological (
		iapter 3, voi.1)	of ke	choice and identification ey categories o Chapter 4, Vol.1)
Time series consistency (relevant to Chapter 5, Vol.1)	Verification (relevant to Section 6.10.2, Chapter 6, Vol.1)		Estimation of indirect CO2 emissions (relevant to Section 7.2.1.5, Chapter 7, Vol.1)	
Fugitive emissions (relevant to Chapter 4, Vol.2)				
Solid fuels (coal mining, etc)	Oil and natural gas systems		Unconventional oil and gas production (e.g., shale gas, shale oil, tight gas, tight oil and CBM)	
Fugitive emissions (relevant to Chapter 4, Vol.2)			Stationary combustion (relevant to Chapter 2, Vol.2)	
Other emissions from Energy Production (category 1.B.3): fuel transformation, linkages with fugitives emissions in IPPU			Emissions from charcoal production	
			Emissions of fluorinated substitut for ODS (relevant to Chapter 7, Vol.3)	
Nitric acid production	Fluorochemical production			Refrigeration and Air Conditioning
Matel industry (relevants Objects)		(al 2)	Other	
Metal industry (relevant to Chapter 4,				Other
lron and steel production	Aluminium production	Magnesium production	Production of rare earth elements	Hydrogen production
-	consistency (relevant to Chapter 5, Vol.1) Solid fuels (coal mining, etc) fugitive emission Other emiss fuel transform Chemical (relevant to Chemical production Meta	consistency (relevant to Chapter 5, Vol.1) Fugitive em Solid fuels (coal mining, etc) Other emissions (relevant to Coategory 1.B.3): fuel transformation, linkages wemissions in IPPU Chemical industry (relevant to Chapter 3, Vol.3) Nitric acid production Metal industry (relevant industry (relevant to Chapter 3, Vol.3)	Consistency (relevant to Chapter 5, Vol.1) Fugitive emissions (relevant Solid fuels (coal mining, etc) Other emissions (relevant to Chapter 4, Vol.2) Other emissions from Energy Production (category 1.B.3): fuel transformation, linkages with fugitives emissions in IPPU Chemical industry (relevant to Chapter 3, Vol.3) Nitric acid production Metal industry (relevant to Chapter 4, Vol.2) Metal industry (relevant to Chapter 4, Vol.3) Metal industry (relevant to Chapter 4, Vol.3)	Consistency (relevant to Chapter 5, Vol.1) Fugitive emissions (relevant to Chapter 4, Vol.2) Fugitive emissions (relevant to Chapter 4, Vol.2) Fugitive emissions (relevant to Chapter 4, Vol.2) Gold fuels (coal mining, etc) Oil and natural gas systems (relevant to Chapter 4, Vol.2) Other emissions from Energy Production (category 1.B.3): fuel transformation, linkages with fugitives emissions in IPPU Chemical industry (relevant to Chapter 6, Vol.3) Chemical industry (relevant to Chapter 6, Vol.3) Nitric acid production Metal industry (relevant to Chapter 4, Vol.3) Metal industry (relevant to Chapter 4, Vol.3) Metal industry (relevant to Chapter 4, Vol.3) Production of rare earth production production production

Agriculture, Forestry and Other Land Use (relevant to Volume 4 of the 2006 IPCC Guidelines, and 2013 Wetlands	Enteric fermentation	Manure management		on (relevant to and 11, Vol.4)	Direct and indirect N2O emissions from	
Supplement)	(relevant to Chapter 10, Vol.4)	(relevant to Chapter 10, Vol.4)	N2O emissions	CH4 emissions	managed soils (relevant to Chapter 11, Vol.4)	
	Forests - Biomass (relevant to Chapters 2 and 4, Vol.4)					
	Tropical	Temperate	Boreal	Specify re	egion, if necessary	
	For	ests - Dead Orga	nic Matter (releva	nt to Chapters 2	and 4, Vol.4)	
	Tropical	Temperate	Boreal	Specify re	egion, if necessary	
	Forests - Soils (relevant to Chapters 2 and 4, Vol.4)					
	Tropical	Temperate	Boreal	Specify re	egion, if necessary	
	Consistent representation of lands (relevant to Chapter 3, Vol.4)			Cropland, Soils (relevant to	Grassland, Soils	
	Remote sensing and GIS data	reference da	ind observation, ita, sampling ign)	Chapter 2 and Section 5.2.3 in Chapter 5, Vol. 4)	(relevant to Chapter 2 and Section 6.2.3 in Chapter 6, Vol. 4)	
	Flooded land (reservoir, etc: relevant to Chapter 7, Appendices 2 and 3, Vol.4 & 2013 Wetlands Supplement)					
	Tropical	Temperate	Boreal	Specify re	egion, if necessary	
Waste (relevant to Volume 5 of the 2006 IPCC Guidelines, and 2013 Wetlands	Wastewater Treatment and Discharge (relevant to Chapter 6, Vol.5 & Chapter 6 of 2013 Wetlands Supplement)			ls Supplement)		
Supplement)	Domestic wastewater			Industrial wastewater		

Section C-4: Publications

List the full ci	tation details (including information on publisher and year of publication, etc) of up to 10 relevant publications onal files, if absolutely necessary)
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

Some technical hints:

- a. When you wish to make plural lines in a cell, enter < Alt and enter> after a line.
- b. Since this form contains many combined cells, you can not copy & paste from the other computer file (such as the other text file). If you wish to do so, click the target cell, and then paste the text to the formula bar (not to the cell). With enter, the text will appear in the respective cell.

Process of participant selection and statistics of nominees, invitees and participants

Objective

The objective of the selection process was to select around 100-110 experts considering criteria stated in Appendix A of Principles Governing IPCC Work.

Timeline

The time line for the selection process was as follows.

Date	Step
12 May	Issuance of a call for nominations to IPCC Member States and
	Observer Organizations
10 June	Due date for nomination
13 June	Compilation of nominations and circulation of the compiled list
	among TFB members by TFI TSU
20 June	Due date for submission of 'ranking' by each TFB member (1st
	round selection)
27 June	Compilation of the 'Long List' based on 'ranking' provided by TFB
	members, and proposal on how it could be shortened, by TFI TSU
	for further consideration by TFB members
6 July	Agreement by TFB on the list of invitees (1st batch), issuance of an
	invitation letter to those invitees
11 July	Agreement by TFB on the list of additional invitees (2 nd batch),
	issuance of an invitation letter to those additional invitees

Nominations

198 nominations were received, corresponding to a total of 197 experts (one expert was nominated by more than one nominator), from 59 Member States, 11 Observer Organizations, and members of IPCC Bureau and TFB.

Selection process

The selection was implemented by the TFB with assistance of the TFI TSU through the following process.

- 1) First, all the nominations received were compiled by the TFI TSU into a spreadsheet for consideration by the TFB.
- 2) Each TFB member was asked to provide a 'ranking' focusing primarily on the nominees within their region. It was brought to the attention of TFB members that some nominees had been nominated by a country in a region which is different from his/her citizenship, or by an international organization.
 - In this step, each TFB member was asked to consider the nominations carefully and provide up to a maximum of 20 selections, using a rank of '1' to indicate a 'high priority' (up to 10 selections), and a rank of '2' to indicate a 'secondary priority' (up to 10 selections).
 - There was purposely no '3' or 'low priority' as the intention was not to produce a 'hierarchical ranking', but a focused highlighting of key individuals that would address the needs of the meeting, given the TFB members' expertise and regional representation.

- The 'ranking' was intended as a way to identify overlaps and agreement across the selections by the TFB members.
- Each TFB member could also provide optional 'Comments' to allow for additional detail not captured in the nomination, if desired, with a view to sharing additional relevant information with other TFB members so as to help them better understand why those nominees had been ranked as high or secondary priority.
- TFB members could suggest nominations at this stage in case key gaps were identified.
- 3) The TFI TSU compiled a 'Long List' based on the TFB members' selections, highlighting overlap, and a list of additional nominations. Every nominee receiving a '1' or '2' was incorporated into the 'Long List'.
- 4) The 'Long List' became the working pool of nominations. Those who did not make it to the 'Long List' were not dropped and the full list remained available so as to ensure full consideration and ease substitutions as needed to achieve balance across expertise, geographical and gender balance, etc.
- 5) The 'Long List' contained 146 experts and it was too large. This list was carefully analyzed by TFI TSU to identify overlaps and gaps. Then the TFI TSU considered and came up with a proposal on how the list could be further shortened, based on the analysis mentioned above, taking account of balance of expertise, geographical representation, etc.
- 6) The TFB considered the 'Long List' with the proposal made by the TFI TSU and discussed to finalize the list of invitees. The list of invitees (1st batch) was agreed by the TFB on 6 July and the list of additional invitees (2nd batch) was agreed on 11 July 2016. The number of invitees was 111 in total.

Participation of invitees

Out of 111 invitees, 99 accepted the invitation while 12 declined. Out of 99 invitees who accepted the invitation, 5 could not participate in the scoping meeting due to health problems, etc. Therefore, the scoping meeting was attended by 94 experts. The List of participants, together with the members of TFB and TFI TSU staff present at the meeting, is provided in Annex 3.

Statistics of nominees, invitees and participants

The statistics of nominees (197 in total), invitees (111 in total) and participants (94 in total) are shown in Figures 1-3 below.

Invitees Nominees REGION I **REGION I** 13% REGION **REGION VI** 16% VI 30% 30% REGION II 14% REGION II 22% REGION V REGION 3% REGION **REGION IV** 4% **REGION III** |||13% **REGION IV** 16% 18% 20% **Participants** REGION REGION I VI 13% **REGION I** Africa 27% **REGION II** Asia REGION II **REGION III** South America 15% REGION IV North America, Central America and the Caribbean REGION V South-West Pacific REGION V 4% **REGION VI** Europe REGION III **REGION IV**

Figure 1 – Distribution of nominees, invitees and participants by region

20%

21%

Figure 2 – Balance in nominees, invitees and participants from developed and developing/EIT countries

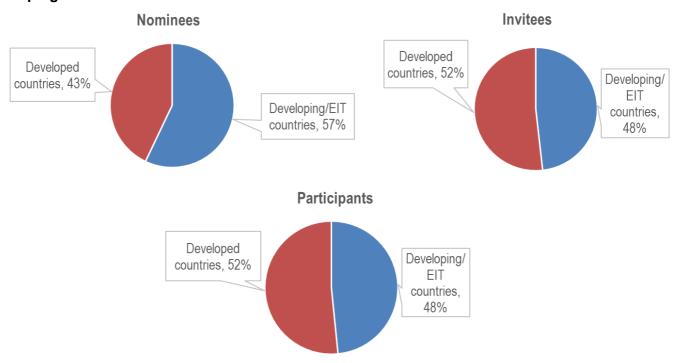
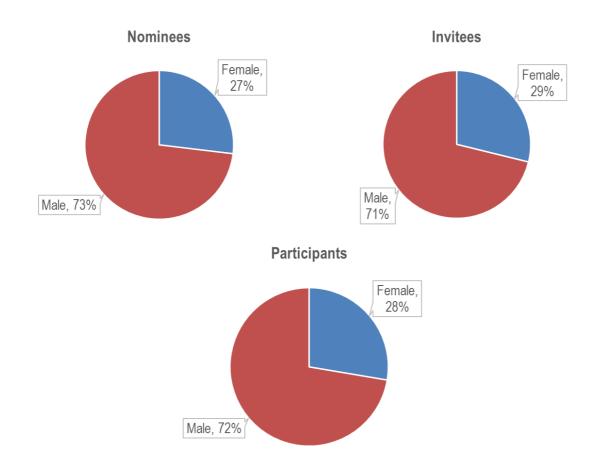


Figure 3 – Gender balance in nominees, invitees and participants



List of Participants

David Buluku Adegu

Ministry of Environment & Natural Resources Kenya

Andrea Vanina Afranchi

Energy Performance SRL Argentina

Naikoa Aguilar-Amuchastegui

World Wide Fund for Nature (WWF)

Rehab Ahmed Hassan

Higher Council for Environment and Natural Resources Sudan

Hiroko Akiyama

National Agriculture and Food Research Organization Japan

Marta A. Alfaro

INIA Chile

Jukka Alm

Natural Resources Institute Finland (Luke) Finland

Joao Wagner Alves

CETESB Brazil

Abe Yapo Eric-Michel Assamoi

Climate Change Direction, Ministry of Environment Cote d'Ivoire

Carlos Humberto Bahamondez

Instituto Forestal Chile

Nathan Barros

Federal University of Juiz de Fora Institute of Biology Science Brazil

Deborah Bartram

Eastern Research Group, Inc. USA

Martial Bernoux

FAO

Kathrine Loe Bjønness

Statistics Norway Norway

Andrea Brandon

Ministry for the Environment New Zealand

Bofeng Cai

Chinese Academy for Environmental Planning China

Edwin Castellanos

Center for Environmental Studies, Universidad del Valle de Guatemala Guatemala

Michael Roger Czerniak

Edwards Vacuum Limited UK

Laura Elena Dawidowski

National Atomic Energy Commission Argentina

Retno Gumilang Dewi

Institut Teknologi Bandung Pusat Kebijakan Keenergian, ITB Indonesia

I Wayan Susi Dharmawan

Forest Research and Development Center, Ministry of Environment and Forestry Indonesia

Grant Michael Domke

US Department of Agriculture, Forest Service USA

Hongmin Dong

Institute of Environment and Sustainable Development in Agriculture, Chinese Academy of Agricultural Sciences China

Yoshitaka Ebie

National Institute for Environmental Studies Japan

Simon Eggleston

Global Climate Observing System (GCOS)

Takahiro Endo

Remote Sensing Technology Center of Japan (RESTEC)
Japan

Sandro Federici

San Marino

Laura Finster

Instituto Nacional de Tecnología Agropecuaria (INTA) Argentina

Jason Funk

Climate Action Network (CAN)

Amit Garg

Indian Institute of Management Ahmedabad India

Michael W. Gillenwater

Greenhouse Gas Management Institute USA

Mikhail Gitarskiy

Institute of Global Climate and Ecology Russia

Carlos Gomez

Universidad Nacional Agraria La Molina Peru

Kristina Gonchar

RUE "Bel SRC "Ecology" under the Ministry of Natural Resources and Environmental Protection Belarus

Justin William Lawton Goodwin

Aether UK

Barbara Gschrey

Oeko-Recherche GmbH Germany

Céline Gueguen

CITEPA France

Steen Gyldenkærne

Department of Environmental Science, Aarhus University Denmark

Javier Marcelo Hanna Figueroa

UNFCCC

John Harrison

Washington State University USA

Elsa Hatanaka

National Institute for Environmental Studies Japan

Anke Herold

Oeko-Institut Germany

Yasumasa Hirata

Forestry and Forest Products Research Institute
Japan

Edward Charles Huffman

Agriculture and Agri-Food Canada Canada

Matthew R. Johnson

Energy & Emissions Research Lab., Mechanical & Aerospace Engineering, Carleton University Canada

Samuel Kainja

Total Landcare Malawi

Joseph Katongo Kanyanga

Zambia Meteorological Department Zambia

Jamidu Hizzam Yahaya Katima

University of Dar es Salaam Tanzania

Ermias Kebreab

University of California, Davis USA

Werner Alexander Kurz

Natural Resources Canada, Canadian Forest Service Canada

Adrian Leip

European Commission (EC)

Magda Aparecida Lima

Embrapa Meio Ambiente Brazil

James Douglas MacDonald

Environment and Climate Change Canada Canada

Elsayed Mansour Nasr

Freelancer Egypt

Brian McConkey

Ministry of Agriculture and Agri-Food, Government of Canada Canada

Dzmitry Melekh

RUE "Bel SRC "Ecology" Belarus

Takashi Morimoto

Mitsubishi UFJ Research and Consulting Co., Ltd. Japan

Michael Mugarura

Ministry of Water and Environment, Climate Change Department Uganda

Rodrigo Mussi Buzarquis

National University of Asunción Paraguay

Aleksandr Nakhutin

Institute of Global Climate and Ecology Russia

Frank Neitzert

Environment and Climate Change Canada Canada

Ole-Kenneth Nielsen

Aarhus University Denmark

Sini Maaria Niinistö

Statistics Finland Finland

Stephen Michael Ogle

Natural Resource Ecology Laboratory, Colorado State University USA

Jean Pierre Ometto

National Institute for Space Research (INPE) Brazil

Deborah Ottinger

Climate Change Division, U.S. Environmental Protection Agency USA

Xuebiao Pan

Department of Agrometeorology, China Agricultural University China

Yves Prairie

International Hydropower Association (IHA)

Ana Derly Pulido

Institute of Hydrology, Meteorology and Environmental Studies of Colombia Colombia

Klaus Radunsky

Umweltbundesamt Austria

Nijavalli H. Ravindranath

Centre for Sustainable Technologies, Indian Institute of Science India

Shanti Reddy

Department of the Environment & Energy Australia

Kristiina Regina

Natural Resources Institute Finland Finland

Hector Ivan Restrepo Orozco

Warnell School of Forestry and Nat. Res. at University of Georgia USA

Daniela Romano

Institute for Environmental Protection and Research - ISPRA Italy

Kokou Sabi

Université de Lomé (UL), Faculté Des Sciences (FDS), Laboratoire de Chimie Atmosphérique (LCA) Togo

Sukarni Sallons-Mitro

Meteorological Service Suriname Suriname

Estela Santalla

UNICEN, College of Engineering (Universidad Nacional del Centro) Argentina

María José Sanz Sánchez

Basque Centre for Climate Change (BC3) Spain

Atsushi Sato

Mitsubishi UFJ Research & Consulting Co,. Ltd. Japan

Dingane Sithole

Business Council for Sustainable Development in Zimbabwe Zimbabwe

Zoltán Somogyi

NARIC Hungarian Forest Research Institute Hungary

Alexey Spirin

International Aluminium Institute (IAI)

Michael Strogies

Federal Environment Agency Germany

Samir Tantawi

United Nation Development Programme (UNDP) Egypt

Marcelo Theoto Rocha

Fábrica Éthica Brasil Brazil

Francesco Nicola Tubiello

USA

Jason Alan Tullis

University of Arkansas USA

Gabriel Vazquez-Amabile

AACREA (Argentine Association of Regional Consortiums for Agricultural Experimentation) Argentina

John David Watterson

Ricardo Energy & Environment UK

Melissa Weitz

U.S. Environmental Protection Agency USA

Jongikhaya Witi

Department of Environmental Affairs South Africa

Jung Hun Woo

Department of Advanced Technology Fusion (DATF), Konkuk University Republic of Korea

Jong Su Yim

National Institute of Forest Science Republic of Korea

IPCC Task Force on National Greenhouse Gas Inventories (TFI)

Task Force Bureau (TFB)

Fahmuddin Agus

Indonesia Soil Research Institute, Indonesian Agency for Agricultural Research and Development Indonesia

Dominique Blain

Environment and Climate Change Canada Canada

Eduardo Calvo Buendia (TFI Co-chair)

Universidad Nacional Mayor de San Marcos (UNMSM)

Peru

Fatma Betül Demirok

Turkish Statistical Institute (TurkStat) Turkey

Dario Gomez

Atomic Energy Commission of Argentina Argentina

G. H. Sabin Guendehou

Benin Centre for Scientific and Technical Research Benin

Bundit Limmeechokchai

Sirindhorn International Insitute of Technology, Thammasat University Thailand

Riitta Kristiina Pipatti

Statistics Finland Finland

Yasna Rojas

Instituto Forestal (INFOR) Chile

Batouli Said Abdallah

National Center of Documentation and Scientific Research (CNDRS) Comoros

Rob Sturgiss

Department of the Environment & Energy Australia

Kiyoto Tanabe (TFI Co-chair)

Institute for Global Environmental Strategies (IGES)
Japan

Thomas Charles Wirth

US Environmental Protection Agency USA

Irina Yesserkepova

JSC "Zhasyl Damu", the Ministry of Energy, Almaty office Kazakhstan

IPCC TFI TSU

C/O Institute for Global Environmental Strategies (IGES)

Andrej Kranjc
Baasansuren Jamsranjav
Sekai Ngarize
Pavel Shermanau
Toru Matsumoto
Eriko Nakamura
Koh Mikuni

Agenda of the scoping meeting (agreed at the beginning of the meeting)

	9:00 - 9:30	Registration
	9:30 - 10:00	Welcome Address 1. Dr. Andrei Kovkhuto, the Minister of the Natural Resources and Environmental Protection of the Republic of Belarus 2. TFI Co-Chairs
	10:00 – 10:30	Photo session Coffee break for Press interview / informal dialogue among Co-chairs, the Government guests, Participants, Journalists
	10:30 - 13:00	Plenary session (Presentations followed by Q&A and discussion)
		Introduction (background and objectives of the meeting)
		2. Decisions taken at IPCC-43 and proposal for IPCC-44
		Procedures for the preparation, review, acceptance, approval, adoption and publication of IPCC reports
Monday 29 August		 4. Technical Assessment of IPCC Inventory Guidelines (survey, experts meetings and outcomes): • Cross-sectoral issues • Sectoral issues 5. Expected outcome of the Scoping Meeting: Recommendation on the format of the Methodology Report(s) Draft terms of reference (TOR) Draft work plan Draft instructions to authors Any other recommendations Discussions: Format of the Methodology Report(s) Key questions to be considered at this meeting (consistency across chapters, significant difference of EFs, etc.)
	13:00 - 14:30	Lunch break
	14:30 – 16:00	Plenary session (continuation)
		Formation of break-out groups (BOGs). The BOG formation provisionally suggested by TSU:

BOG1: TOC for cross-sectoral issues (Vol. 1 of 2006 Guidelines) BOG2: TOC for issues on Energy Sector (Vol. 2 of 2006 Guidelines) BOG3: TOC for issues on IPPU Sector (Vol. 3 of 2006 Guidelines) BOG4: TOC for issues on AFOLU Sector (Vol. 4 of 2006 Guidelines) BOG5: TOC for issues on Waste Sector (Vol. 5 of 2006 Guidelines) BOG5: TOC for issues on Waste Sector (Vol. 5 of 2006 Guidelines) (BOG formation depends on the result of discussion on the format of MR(s). Some BOGs may wish to split into sub-BOGs. Other BOG(s) may be considered necessary in addition to these 5 BOGs. 16:20 – 18:00 Break-out Group (BOG) session Each BOG will consider draft TOC as well as the following: 1 issues that need to be addressed in the draft TOR 1 issues that need to be addressed in the draft TOR 1 issues that need to be addressed in the draft instructions to authors 2 Any other issues for discussion at the plenary 10:00 – 13:00 BOG session continuation from Day 1) Each BOG will consider draft TOC as well as the following: 1 issues that need to be addressed in the draft TOR 2 issues that need to be addressed in the draft TOR 3 issues that need to be addressed in the draft TOR 3 issues that need to be addressed in the draft TOR 4 issues that need to be addressed in the draft TOR 5 issues that need to be addressed in the draft TOR 6 issues that need to be addressed in the draft TOR 7 issues that need to be addressed in the draft TOR 8 issues that need to be addressed in the draft TOR 9 issues that need to be addressed in the draft TOR 9 issues that need to be addressed in the draft TOR 9 issues that need to be addressed in the draft instructions to authors 9 Any other issues for discussion at the plenary 10:00 – 18:00 Plenary session Discussion on cross-BOG issues that have arisen during the BOG session: 10:10 – 18:00 Plenary session 17:00 – 18:00 Plenary session 17:00 – 18:00 Plenary session 18:00 – 18:00 Plenary session 19:00 – 18:0			
BOG3: TOC for issues on IPPU Sector (Vol. 3 of 2006 Guidelines) BOG4: TOC for issues on AFOLU Sector (Vol. 4 of 2006 Guidelines) BOG5: TOC for issues on Waste Sector (Vol. 5 of 2006 Guidelines) (BOG formation depends on the result of discussion on the format of MR(s). Some BOGs may wish to split into sub-BOGs. Other BOG(s) may be considered necessary in addition to these 5 BOGs) 16:20 – 18:00 Break-out Group (BOG) session Each BOG will consider draft TOC as well as the following: Issues that need to be addressed in the draft instructions to authors Any other issues for discussion at the plenary Plenary session Discussion on cross-BOG issues that have arisen during the BOG session: Issues that need to be addressed in the draft TOR Issues that need to be addressed in the draft instructions to authors Any other issues for discussion at the plenary BOG session (continuation from Day 1) Each BOG will consider draft TOC as well as the following: Issues that need to be addressed in the draft instructions to authors Any other issues for discussion at the plenary BOG session (continuation from Day 1) Each BOG will consider draft TOC as well as the following: Issues that need to be addressed in the draft instructions to authors Any other issues for discussion at the plenary A small group will consider draft TOC as well as the following: Issues that need to be addressed in the draft TOR Issues that need to be addressed in the draft TOR Issues that need to be addressed in the draft TOR Issues that need to be addressed in the draft TOR Issues that need to be addressed in the draft mistructions to authors Any other issues for discussion at the plenary A small group will revise the draft TOR and draft instructions to authors in parallel to this BOG session. Plenary session Discussion on cross-BOG issues that have arisen during the BOG session: Any other issues for discussion at the plenary A nother issues for discussion at the plenary			BOG1: TOC for cross-sectoral issues (Vol. 1 of 2006 Guidelines)
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	09:00 - 13:00	BOG session (continuation from Day 2)
Wednesday 31 August		 Each BOG will consider draft TOC as well as the following: Issues that need to be addressed in the draft TOR Issues that need to be addressed in the draft instructions to authors Any other issues for discussion at the plenary A small group will revise the draft TOR and draft instructions to authors in parallel to this BOG session.
3.33	13:00 - 14:30	Lunch break
	14:30 – 17:30	Plenary session (Discussion based on reports from BOGs & wrap-up) Presentation of draft TOC from each BOG Presentation of draft TOR, draft instructions to authors, and draft work plan Discussion Wrap-up discussion to agree on recommendations to Task Force Bureau Closing remarks

Coffee break: 11:00 – 11:20 and 16:00 – 16:20 every day