

43rd SESSION OF THE IPCC
11-13 April 2016, Nairobi, Kenya

Decisions adopted by the Panel

Decision IPCC/XLIII-1. IPCC Programme and Budget

Based on the recommendations of the Financial Task Team, the Intergovernmental Panel on Climate Change,

1. Thanks the Secretariat of the IPCC for the Statement of contributions as contained in document IPCC-XLIII/Doc.2, Possible funding sources as contained in document IPCC-XLIII/INF.1, funding needs as provided in document IPCC-XLIII/INF.2 and the interim statement of expenditures as of 31 December 2015, as contained in document IPCC-XLIII/INF.3.

2. Approves that the revised 2016 budget proposal should include the following modifications in **Table 1 to this Decision** as compared to the budget approved at the 42nd Session of the IPCC:

- Move from 2015 to 2016 of “Lessons Learnt Workshop on Gaps in Knowledge” budget line; increase of CHF 140,000;
- Move from 2016 to 2017 of “WG I, II, III Sessions” from budget line “IPCC-44 + WG I, II, II Sessions” and adjustment in number of days and journeys; decrease of CHF 550,000;
- Move from 2016 to 2017 of budget line “Lead Author meeting”; decrease of CHF 280,000;
- Change in title of budget line “Scoping meetings (SR/AR6) contingency” to read “Scoping meeting (SR) contingency” and adjustment to the number of journeys; decrease of CHF 93,600;
- Adjustment in the number of journeys for budget line “TFI Scoping Meeting – Future Methodological Development”; increase of CHF 74,880;
- Addition of budget line “Library Facility”; increase of CHF 103,000;
- Adjustment to number of meetings and journeys for “TGICA contingency” budget line; decrease of CHF 8,160.

3. Takes Notes of the revised proposed budget for 2017 (**Table 2 to this Decision**) with the following modifications as compared to the budget noted at the 42nd Session of the IPCC:

Changes related to Governing Bodies, Scoping, Expert Meetings and Workshops

- Move from 2016 to 2017 of budget line “Lead Author meeting” and adjustment in the number of journeys to accommodate journeys for “Special Report 2 – LA 1 and 2 meetings” budget line;
- Change in title of budget line “WG meetings – contingency” to read “Special Report 1 – LA 1 and LA 2 meetings” and “Special Report 2 – LA 1 and LA 2 meetings” and adjustment in number of journeys;

- Change in title of budget line “Scoping meetings (SR/AR6) contingency” to read “Scoping meeting (AR6)” contingency;
- Addition of contingency budget line “Expert meetings/workshops”; increase of CHF 280,800;
- Addition of “Special Report 3 – LA 1 and 2 meetings” budget line; increase of CHF 421,400.

Changes related to TFI

- Adjustment in the number of journeys for budget line “TFI Methodological development Science Meeting”; decrease of CHF 51,480.

Changes to Other Expenditures

- Adjustment in the amount for the “2006 GL Software” budget line; increase of CHF 24,000.

New activities

- Addition of “46th Plenary Session + WGI, II, III Sessions” budget line; increase of CHF 1,310,000;
- Addition of a “Workshop on Cities” budget line; increase of CHF 468,000.

4. Takes Notes of the indicative budgets for 2018 (**Table 3 to this Decision**) and 2019 (**Table 4 to this Decision**), as proposed in these decisions.

5. Expresses its gratitude to the World Meteorological Organization (WMO), and the United Nations Environment Programme (UNEP) for their contributions to the IPCC Trust Fund and for financing one Secretariat position each, and to WMO for hosting the Secretariat. Thanks the United Nations Framework Convention on Climate Change (UNFCCC) for its contribution to the IPCC Trust Fund.

6. Expresses its gratitude to governments, including those from developing countries, for their generous contributions to the IPCC Trust Fund, with special thanks to governments which support the Technical Support Units (TSUs) and a number of IPCC activities, including data centres, meetings and outreach actions.

7. Takes note with concern the decline in the number of contributors and the level of contributions to the IPCC Trust Fund. Requests the IPCC Chair and the Secretariat, with support from the IPCC Vice Chairs, to embark on a resource mobilisation campaign in an attempt to reverse this downward trend. Requests the IPCC Chair and the Secretariat to write a letter to all members, to be addressed to the highest levels in the various capitals, to be signed by the Secretary-General of WMO and the Executive Director of UNEP). The Secretariat is to report back to the 44th Session of the IPCC on the outcome of the resource mobilisation efforts.

8. Requests that countries maintain their generous contribution in 2016 and invites governments, who are in a position to do so, to increase their level of contributions to the IPCC Trust Fund or to make a contribution in case they have not yet done so.

9. Further requests the Secretary of the IPCC to dedicate an agenda item on the financial situation of the IPCC Trust Fund at the 44th Session of the IPCC.

TABLE 1

REVISED 2016 BUDGET ADOPTED BY IPCC-XLIII

Activity	Purpose	DC/EIT support	Other Expenditure	Sub-total
Governing bodies				
IPCC-43 3 days	Programme and budget SR, AR6 products & TGICA	480,000 120 journeys	210,000	690,000
IPCC-44 4 days	Programme and budget SR/MR outline approval	480,000 120 journeys	280,000	760,000
Bureau 4 days	2 sessions	288,000 72 journeys	120,000	408,000
Executive Committee 4 days	2 sessions and consultations	64,000 16 journeys	10,880	74,880
TFB	1 session	36,000 9 journeys	6,120	42,120
UNFCCC and other UN meetings		80,000 20 journeys	0	80,000
SUB-TOTAL				2,055,000
Lead Authors, scoping, expert meetings and workshops				
Lead Author meeting	contingency (move to 2017)	0 60 journeys	0	0
Expert meetings/workshops	contingency	240,000 60 journeys	40,800	280,800
Scoping meetings (SR)	2 meetings contingency	400,000 100 journeys	68,000	468,000
Co-sponsored mtg Lessons learned Gaps in knowl WG I/II/III AR5	(moved from 2015)	120,000 30 journeys	20,400	140,400
TGICA	1 meeting contingency	48,000 12 journeys	8,160	56,160
TGICA Vision for future	1 workshop/expert meeting	120,000 30 journeys	20,400	140,400
Lesson learned AR5 communications/outreach	1 expert meeting	80,000 20 journeys	0	80,000
EFDB Editorial Board	1 meeting	96,000 24 journeys	16,320	112,320
EFDB Data meeting	2 meetings	80,000 20 journeys	13,600	93,600
EFDB and Software Users Feedback (Japan)	1 meeting	44,000 11 journeys	0	44,000
TFI Expert meeting - Technical Ass'mnt (Cross-sectoral issues)	1 expert meeting	132,000 33 journeys	22,440	154,440
TFI Expert meeting - Technical Ass'mnt IPCC Inventory GL	1 expert meeting	132,000 33 journeys	22,440	154,440
TFI Scoping meeting - Future methodological devt.	1 scoping meeting contingency	196,000 49 journeys	33,320	229,320
SUB-TOTAL				1,953,880
Other Expenditures				
2006 GL software	maintenance/development			6,000
EFDB maintenance	update/management			7,000
Publication/Translation	IPCC publications			200,000
Publication	Wetlands & KP Supplements			100,000
Communication	AR5 material/travel/events			260,500
Distribution	IPCC publications			170,000
Webconferences	licences & communication costs			30,000
IT Infrastructure	web hosting/cloudflare/upgrade			41,818
Secretariat	staff/misc expenses			1,912,500
Library facility	one-time fee			103,000
External Audit	fee			20,000
Advisory Services	Conflict of Interest			30,000
Co-Chairs	support			200,000
SUB-TOTAL				3,080,818
TOTAL				7,089,698

TABLE 2

FORECAST 2017 BUDGET NOTED BY IPCC-XLIII

Activity	Purpose	DC/EIT support	Other Expenditure	Sub-total
Governing bodies				
IPCC-45 4 days	Programme and budget Approval outline SRs	480,000 120 journeys	280,000	760,000
IPCC-46 + WG I, II, III 5 days	Programme and budget Approval AR6 outline	960,000 240 journeys	350,000	1,310,000
Bureau 4 days	2 sessions	288,000 72 journeys	120,000	408,000
Executive Committee 4 days	2 sessions and consultations	64,000 16 journeys	10,880	74,880
TFB	1 session	36,000 9 journeys	6,120	42,120
UNFCCC and other UN meetings		80,000 20 journeys	0	80,000
SUB-TOTAL				2,675,000
Lead Authors, scoping, expert meetings and workshops				
Lead Author meeting	contingency (moved from 2016)	120,000 30 journeys	20,400	140,400
Expert meetings/workshops	contingency	240,000 60 journeys	40,800	280,800
Workshop on Cities	1 workshop	400,000 100 journeys	68,000	468,000
SR 1 LA 1 and LA 2	CLA/LA	360,000 90 journeys	61,200	421,200
SR 2 LA 1 and LA 2	CLA/LA	360,000 90 journeys	61,200	421,200
SR 3 LA 1 and LA 2	CLA/LA	360,000 90 journeys	61,200	421,200
Scoping meeting (AR6)	contingency	480,000 120 journeys	81,600	561,600
TFI Methodological devt. Lead Author meetings	3 meetings contingency	684,000 171 journeys	116,280	800,280
TFI Methodological devt. Science meeting	1 meeting contingency	44,000 11 journeys	7,480	51,480
TFI Methodological devt	1 prep meeting before Plenary (move to 2019)	0 0 journeys	0	0
TGICA	2 meetings contingency	96,000 24 journeys	16,320	112,320
EFDB Editorial Board	1 meeting	96,000 24 journeys	16,320	112,320
EFDB Data meeting	2 meetings	80,000 20 journeys	13,600	93,600
EFDB and Software Users Feedback, Japan	1 meeting	44,000 11 journeys	0	44,000
SUB-TOTAL				3,928,400
Other Expenditures				
2006 GL software	maintenance/development			30,000
EFDB maintenance	update/management			7,000
Publication/Translation	IPCC publications			200,000
Communication	AR5 material/travel/events			260,500
Distribution	IPCC publications			100,000
IT Infrastructure	web hosting/cloudflare/upgrade			13,128
Webconferences	licences & communication costs			30,000
Secretariat	staff/misc expenses			1,912,500
External Audit	fee			20,000
Advisory Services	Conflict of Interest			30,000
Co-Chairs	support			200,000
SUB-TOTAL				2,803,128
TOTAL				9,406,528

Key

	Noted in IPCC-40 and subject to Panel approval in IPCC-44
	Noted in IPCC-42 and subject to Panel approval in IPCC-44
	New activity as compared to budget noted in IPCC-42 subject to Panel approval in IPCC-44
	Activity moved from 2016 to 2017 and already approved in IPCC-42
	All other activities with no colour are also subject to Panel approval in IPCC-44

TABLE 3

INDICATIVE 2018 BUDGET NOTED BY IPCC-XLIII

Activity	Purpose	DC/EIT support	Other Expenditure	Sub-total
Governing bodies				
IPCC-47 4 days	Programme and budget various	480,000 120 journeys	280,000	760,000
IPCC-48 4 days	Programme and budget Acceptance SR1	480,000 120 journeys	280,000	760,000
Bureau 4 days	2 sessions	288,000 72 journeys	120,000	408,000
Executive Committee 4 days	2 sessions and consultations	64,000 16 journeys	10,880	74,880
TFB	1 session	36,000 9 journeys	6,120	42,120
UNFCCC and other UN meetings		80,000 20 journeys	0	80,000
SUB-TOTAL				2,125,000
Lead Authors, scoping, expert meetings and workshops				
WG I AR6 LA 1 and LA 2	CLA/LA	800,000 200 journeys	136,000	936,000
WG II AR6 LA 1	CLA/LA	400,000 100 journeys	68,000	468,000
WG III AR6 LA 1	CLA/LA	400,000 100 journeys	68,000	468,000
SR 1 LA 3 and LA 4	CLA/LA	360,000 90 journeys	61,200	421,200
SR 2 LA 3 and LA 4	CLA/LA	360,000 90 journeys	61,200	421,200
SR 2 LA 3 and LA 4	CLA/LA	360,000 90 journeys	61,200	421,200
Expert meeting Science of Communicating Science	1 meeting	80,000 20 journeys	13,600	93,600
TFI Methodological devt. Science meeting	1 meeting contingency	44,000 11 journeys	7,480	51,480
TFI Methodological devt. Lead Author meetings	2 meetings contingency	744,000 186 journeys	126,480	870,480
TGICA	2 meetings contingency	96,000 24 journeys	16,320	112,320
EFDB Editorial Board	1 meeting	96,000 24 journeys	16,320	112,320
EFDB Data meeting	2 meetings	80,000 20 journeys	13,600	93,600
EFDB and Software Users Feedback (Japan)	1 meeting	44,000 11 journeys	0	44,000
SUB-TOTAL				4,513,400
Other Expenditures				
2006 GL software	maintenance/development			6,000
EFDB maintenance	update/management			7,000
Publications/Translations	IPCC publications			200,000
Communication	AR5 material/travel/events			260,500
Distribution	IPCC publications			100,000
Webconferences	licences & communication costs			30,000
IT Infrastructure	web hosting/cloudflare/upgrades			13,128
Secretariat	staff/misc expenses			1,912,500
External Audit	fee			20,000
Advisory Services	Conflict of Interest			30,000
Co-Chairs	support			200,000
SUB-TOTAL				2,779,128
TOTAL				9,417,528
New activity as compared to budget noted in IPCC-42 subject to Panel approval in IPCC-46				

TABLE 4

INDICATIVE 2019 BUDGET NOTED BY IPCC-XLIII

Activity	Purpose	DC/EIT support	Other Expenditure	Sub-total
Governing bodies				
IPCC-49 4 days	Programme and budget Acceptance SR2 & MR	480,000 120 journeys	280,000	760,000
IPCC-50 4 days	Programme and budget Acceptance SR3	480,000 120 journeys	280,000	760,000
Bureau 4 days	2 sessions	288,000 72 journeys	120,000	408,000
Executive Committee 4 days	2 sessions and consultations	64,000 16 journeys	10,880	74,880
TFB	1 session	36,000 9 journeys	6,120	42,120
UNFCCC and other UN meetings		80,000 20 journeys	0	80,000
SUB-TOTAL				2,125,000
Lead Authors, scoping, expert meetings and workshops				
WG II AR6 LA 2 and LA 3	CLA/LA meeting	800,000 200 journeys	136,000	936,000
WG III AR6 LA 2	CLA/LA meeting	400,000 100 journeys	68,000	468,000
SYR AR6	Scoping meeting 2	160,000 40 journeys	27,200	187,200
SYR AR6	CWT-1 meeting	60,000 15 journeys	10,200	70,200
TGICA	2 meetings contingency	96,000 24 journeys	16,320	112,320
EFDB Editorial Board	1 meeting	96,000 24 journeys	16,320	112,320
EFDB Data meeting	2 meetings	80,000 20 journeys	13,600	93,600
EFDB and Software Users Feedback (Japan)	1 meeting	44,000 11 journeys	0	44,000
TFI Methodological devt	1 prep meeting before Plenary (moved from 2017)	36,000 9 journeys	0	36,000
TFI Expert meeting	1 meeting contingency	100,000 25 journeys	17,000	117,000
SUB-TOTAL				515,240
Other Expenditures				
2006 GL software	maintenance/development			6,000
EFDB maintenance	update/management			7,000
Publications/Translations	IPCC publications			200,000
Communication	AR5 material/travel/events			260,500
Distribution	IPCC publications			100,000
Webconferences	licences & communication costs			30,000
IT Infrastructure	web hosting/cloudflare/upgrades			13,128
Secretariat	staff/misc expenses			1,912,500
External Audit	fee			20,000
Advisory Services	Conflict of Interest			30,000
Co-Chairs	support			200,000
SUB-TOTAL				2,779,128
TOTAL				5,419,368

All activities to be noted at IPCC-43 and subject to Panel approval in IPCC-48

Decision IPCC/XLIII-2. Admission of Observer Organizations

The Intergovernmental Panel on Climate Change decides,

To admit the following new observer organizations:

- Economic Cooperation Organization
- Yale University (United States of America)
- University College London (United Kingdom)
- Future Earth International

Decision IPCC/XLIII-3. Procedural matters. Review of the Conflict of Interests Policy

The Intergovernmental Panel on Climate Change decides,

1. To establish a sub-committee of the Conflict of Interest (COI) Committee consisting of the Chair of the COI and the COI Committee members representing UNEP and WMO, as well as a representative of each Working Group Bureau and the Task Force Bureau, and serviced by the IPCC Secretariat, with the mandate to review the COI Policy and its implementation arrangements, and propose solutions for the problems and concerns outlined in document IPCC-XLIII/Doc. 3, for the Panel's consideration and decision at its 44th Session.
2. That the mandate of the sub-committee has three elements:
 - Revision of the COI disclosure form in order to solicit and ensure the provision of complete and relevant information;
 - Consideration of the usefulness of expanding the scope of application of Rule 21 (d) of Appendix C to the Principles Governing IPCC Work, the Election Procedures, which requests that the COI disclosure form is accompanied by a curriculum vitae, to all COI disclosure form submission requests;
 - Consideration of the advantages and disadvantages of changing the composition of the COI Committee, or any other measures to ensure continuous full and effective participation in its work and meetings.
3. That the recommendations of the Sub-committee would be reviewed by the IPCC Bureau first before their submission to the 44th Session of the IPCC.

Decision IPCC/XLIII-4. Procedural matters. Size, composition and structure of a future IPCC Bureau

The Intergovernmental Panel on Climate Change decides,

To request the Secretary of the IPCC to include this matter and comments made from the floor in proposals to be submitted for the consideration of the Panel at the time of the five-year review of the Principles Governing IPCC Work expected to be considered no later than 2018.

Decision IPCC/XLIII-5. Matters related to the United Nations Framework Convention on Climate Change (UNFCCC) and other international bodies.

The Intergovernmental Panel on Climate Change decides,

To take the outcomes of the 21st Conference of the Parties to the United Nations Framework Convention on Climate Change (UNFCCC) into account when determining the IPCC programme of work and products for the sixth IPCC assessment cycle.

Decision IPCC/XLIII-6. Sixth Assessment Report (AR6) Products. Special Reports

The Intergovernmental Panel on Climate Change decides,

1. That all of the topics contained in the Special Report proposals contained in IPCC-XLIII/Doc.8 are important and should be addressed in the AR6 suite of products.
2. In the context of the Paris Agreement, to accept the invitation from the UNFCCC to provide a Special Report in 2018 on the impacts of global warming of 1.5 °C above pre-industrial levels and related global greenhouse gas emission pathways, and decides to prepare a Special Report on this topic in the context of strengthening the global response to the threat of climate change, sustainable development and efforts to eradicate poverty.
3. To prepare a Special Report on climate change, desertification, land degradation, sustainable land management, food security, and greenhouse gas fluxes in terrestrial ecosystems. The scoping process may consider challenges and opportunities for both adaptation and mitigation.
4. To prepare a Special Report on climate change and oceans and the cryosphere.
5. To recommend, within the AR6 scoping processes, a stronger integration of the assessment on the impacts of climate change on cities and their unique adaptation and mitigation opportunities, and make more robust the consideration of cities in the treatment of regional issues and in chapters that are focused on human settlements, urban areas and the like, including through the enhanced engagement of urban practitioners.
6. That the AR7 cycle will include a Special Report on climate change and cities.
7. To consider working with academia, urban practitioners, and relevant scientific bodies and agencies, to organize an international scientific conference on climate change and cities early in the AR6 cycle, in order to stimulate scientific reports and peer reviewed publications on this subject.
8. To consider modalities for addressing and enhancing the treatment of regional issues in the scoping process for the Sixth Assessment Report.

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

The Intergovernmental Panel on Climate Change decides,

1. To consider the outline of the Special Report on the impacts of global warming of 1.5° C above pre-industrial levels and related global greenhouse gas emissions pathways at the 44th Session of the IPCC in October 2016. The draft Special Report on this topic will be considered by the Panel for approval at its Plenary session in September 2018.
2. To consider the outline of the Special Report on climate change, desertification, land degradation, sustainable land management, food security and greenhouse gas fluxes in terrestrial ecosystems at the 45th Session of the IPCC in 2017.
3. To consider the draft Special Report on climate change and oceans and cryosphere as early as possible during the Sixth Assessment Report cycle.
4. To consider the outline of the Methodology Report on Greenhouse Gas Inventories at the 44th Session of the IPCC in October 2016.
5. To consider the draft Methodology Report on Greenhouse Gas Inventories at a Plenary session of the IPCC in May 2019.
6. To consider the outline of the Sixth Assessment Report at a Plenary session of the IPCC in October 2017.
7. To consider the approval of the Synthesis Report of the Sixth assessment Report as soon as possible in 2022.
8. To request the Secretariat to prepare proposals for aligning the work of the IPCC during its Seventh Assessment Report with the needs of the global stocktake foreseen under the Paris Agreement and to submit these proposals for consideration at a Plenary session of the IPCC no later than 2018.

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

The Intergovernmental panel on Climate Change decides:

To approve the proposal on “Refinement of 2006 IPCC Guidelines for National Greenhouse Inventories, including production of a Methodology Report(s)” as contained in Annex 1 to this Decision.

**Refinement of 2006 IPCC Guidelines for National Greenhouse Gas Inventories,
including production of a Methodology Report(s)**

Background

1. 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.
2. Following these conclusions by the TFB and approval by the Panel at its 40th Session, the Task Force on National Greenhouse Gas Inventories (TFI) started a technical assessment of IPCC Inventory Guidelines through an on-line questionnaire survey and two expert meetings in 2015. The technical assessment revealed that there has 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) has been recognized by TFB.
3. This document responds to comments made by country delegates at the 42nd Session of the IPCC (5 - 8 October 2015, Dubrovnik) on this process.
4. Previously the former TFB Co-chairs suggested in their report to the Panel (IPCC-XLII/INF. 9, Corr.2) that refinement of the *2006 IPCC Guidelines* should be undertaken, including production of a Methodology Report by 2019 so that it can be used by Parties to the United Nations Framework Convention on Climate Change (UNFCCC) to report on their national greenhouse gas inventories beyond 2020, presumably under a new climate agreement expected to be adopted at the 21st Session of the Conference of the Parties to the UNFCCC (COP21) in December 2015.
5. However, the Panel did not conclude consideration on that suggestion at the 42nd Session of the IPCC. The Panel agreed to take note of the report (IPCC-XLII/INF. 9, Corr.2); that the comments made by country delegates would be noted and included in the report of the 42nd Session of the IPCC; and to request the new TFB Co-chairs to take the submissions into consideration when revising the TFI work programme.
6. The comments made by country delegates were considered at the 27th Meeting of TFB (TFB27) was held on 16-18 November 2015 in Hayama, Japan. It was the first TFB meeting after the 42nd Session of the IPCC. The new TFB Co-chairs and new TFB members elected at the 42nd Session of the IPCC considered a proposal on refinement of the *2006 IPCC Guidelines*, and agreed that the production of (a) new Methodology Report(s) must not be a revision of the *2006 IPCC Guidelines*.

7. In December 2015, the COP21 adopted the Paris Agreement which emphasizes the importance of an enhanced transparency framework for action and support, and in that context it requires each Party to regularly provide a national greenhouse gas inventory prepared using good practice methodologies accepted by the IPCC and agreed upon by the COP serving as the meeting of the Parties to the Paris Agreement.
8. In order for the IPCC to be able to assist the Paris process by ensuring that it is supported by the best and latest available science, a refinement of the *2006 IPCC Guidelines* is required as early as possible so that all UNFCCC Parties will be able to use good practice inventory methodologies based on up-to-date scientific knowledge under the Paris Agreement.

Objectives and Outputs

9. The refinement of the current available guidance is necessary in order to provide an updated and sound scientific basis for future international climate actions, particularly those under the Paris Agreement.
10. The refinement work will not revise the *2006 IPCC Guidelines*, but will provide an update, supplement and/or elaboration of the *2006 IPCC Guidelines* where gaps or out-of-date science are identified by the scoping meeting and agreed by the Panel. The outcome of this refinement work will not replace the *2006 IPCC Guidelines*, but would be used in conjunction with the *2006 IPCC Guidelines*.
11. Refinements to the IPCC's understanding of the latest science may be communicated through a suite of products, including preparation of IPCC Methodology Report(s), 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).
12. Of the possible products mentioned in paragraph 11 above, only a Methodology Report(s) can have the same legal status as *IPCC Guidelines* which are adopted and accepted by the Panel prior to a COP decision for agreement for use by Parties to the UNFCCC. In this context, it must be noted that default emission factors in the *IPCC Guidelines* can be updated only by producing a Methodology Report(s). It must be also noted that methodological guidance to supplement the *IPCC Guidelines* can also be provided only by producing a Methodology Report(s)¹.
13. It is proposed that Methodology Report(s) as an output(s) of this refinement work be produced to address the following three needs while avoiding a fundamental revision of the *2006 IPCC Guidelines*:
 - Providing supplementary methodologies for sources or sinks of greenhouse gases only where currently there are gaps or where new technologies and production processes have emerged requiring elaborated methodologies or for sources or sinks that are not well covered by the *2006 IPCC Guidelines*;

¹ For example, the *2013 Supplement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories: Wetlands* is a Methodology Report adopted and accepted by the Panel at its 37th Session in 2013.

- Providing updated default values of emission factors and other parameters based on the latest available science only where significant differences from currently adopted factors are identified;
 - Providing additional or alternative up-to-date information and guidance, where possible, as clarification or elaboration of existing guidance in the *2006 IPCC Guidelines*.
14. Regarding the format of the Methodology Report(s) referred to in paragraph 13 above, there are some possible options. The options will be considered by the TFB during the scoping meeting mentioned in paragraph 15 below, before consideration and final decision by the Panel. The options include, but are not limited to:
- a) A single Methodology Report which covers multiple sectors/categories/issues²
 - b) A set of multiple Methodology Reports, each of them addressing particular category/issue

Work Planning

15. It is proposed to hold a scoping meeting before 44th Session of the IPCC in 2016 for the preparation of the Methodology Report(s) mentioned in paragraph 13 above, in order to consider the scope and format of the report(s). Draft terms of reference, draft table of contents and draft work plan for the proposed Methodology Report(s) will be prepared at this scoping meeting, and will be submitted to the 44th Session of the IPCC for its consideration and approval in 2016.
15. The TFB and the TFI Technical Support Unit (TSU) as appropriate will ensure that the scoping meeting takes full account of issues identified by the technical assessment expert meetings held in Geneva³ and Sao Paulo⁴ in 2015 and by the technical assessment expert meetings to be held in Wollongong, Australia on 25-29 April 2016⁵.
16. In accordance with Section 4.1 of Appendix A to the Principles Governing IPCC Work, based on the report of the scoping meeting, the Panel will decide whether to prepare a report and agree on its scope, outline, and the work plan including schedule and budget, and format of the final product(s).

² This will be similar to the *Good Practice Guidance and Uncertainty Management in National Greenhouse Gas Inventories* published in 2000 as an elaboration of the *Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories*.

³ Expert Meeting for Technical Assessment of IPCC Inventory Guidelines (Energy, IPPU, Waste Sectors), 29 June - 1 July 2015, Geneva, Switzerland.

⁴ Expert Meeting for Technical Assessment of IPCC Inventory Guidelines (AFOLU Sector) 13-16 July 2015, São Paulo, Brazil.

⁵ Expert meeting for Technical Assessment of IPCC Inventory Guidelines: follow-up on specified issues from the 2015 expert meetings 25-26 April 2016, Sydney, Australia; and Expert meeting for Technical Assessment of IPCC Inventory Guidelines (Cross-sectoral issues) 27-29 April 2016, Sydney, Australia.

17. Pending the Panel's approval, governments' nomination of authors will be solicited. Without prejudging any decision that the 43rd and 44th Sessions of the IPCC may take on the matter of Methodology Reports, paragraph 19 below indicates one possible schedule for the production of a Methodology Report which is provided for information only.
18. Activities in 2017 might include, in addition to regular activities of Inventory Software and Emission Factor Database (EFDB), (including "Japan meeting"), 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 2018. Final government consideration of the final draft will take place from late 2018 and early 2019, and the acceptance and adoption of a Methodology Report will be at a Plenary session in 2019. It is likely that one or two focused science meetings will be required, one expected in 2017 and the other in 2018.

The Final Products

19. The Methodology Report(s) will be (a) major product(s) of the refinement work, pending the Panel's approval. The format of the Methodology Report(s) would be decided by the Panel as mentioned in paragraph 14 above.
20. The refinement work, if decided by the Panel, will also allow the production of various supporting materials such as web-site FAQs - the production of which will be decided and managed by the TFB in consultation with relevant experts and with the support of the TFI TSU.
21. Population of EFDB will need to be accelerated throughout this period so that new scientific information can be reflected as it becomes available.
22. Proposals to deliver this work are included in Decision IPCC/XLIII-1 on the IPCC Programme and Budget.

Decision IPCC/XLIII-9. Future of the Task Group on Data and Scenario Support for Impact and Climate Analysis (TGICA)

The Intergovernmental Panel on Climate Change decides,

To request the Secretary of the IPCC to revise Document IPCC-XLIII/Doc.10, Corr.1, in collaboration with the Co-chairs of TGICA, in the light of the comments made by delegations at the 43rd Session of the IPCC for its consideration by the IPCC Bureau before submitting it to the Panel.

Decision IPCC/XLIII-10. Communications for the Sixth Assessment Report (AR6)

The Intergovernmental Panel on Climate Change,

Noting the recommendations of the IPCC Expert Meeting on Communication, held on 9-10 February 2016 in Oslo, Norway;

Recalling Appendix A to the Principles Governing IPCC Work, which states that “In selecting scoping meeting participants, consideration should be given to the following criteria: ... experts with a background from relevant stakeholder and user groups, including governments”;

Recalling its decision taken at the 35th Session of the IPCC to request the Executive Committee to update and develop the Implementation Plan of the Communications Strategy as circumstances require, and to report to the Panel on any updates;

Recalling its decision IPCC/XLI-4 on the Future Work of the IPCC that “To enhance the readability of IPCC products, advice from various specialists should be sought”;

Recalling its decision IPCC/XLI-4 on the Future Work of the IPCC “To request the IPCC Secretariat to facilitate and enhance further the consistent and coherent use of up-to-date digital technology for sharing and disseminating information”;

Decides:

1. *To request* the respective Working Group Bureau, or in the case of the Synthesis Report, the IPCC Chair, in preparing a scoping meeting:
 - to engage with governments and a wide range of stakeholders in the scoping process, seek greater input from stakeholder groups in the scoping process, and identify, with the help of governments and observer organizations, audiences and stakeholders who can provide input;
 - to consider different options to enable stakeholders to contribute to the scoping process, for instance through a call for submissions or other pre-scoping contacts;
 - to invite the Bureau to clarify the scoping process for the Sixth Assessment Report and suggest a process for consideration at the 44th Session of the IPCC;
2. *To request* the respective Working Group Co-Chairs, or in the case of the Synthesis Report, the IPCC Chair, in preparing a Summary for Policymakers:
 - to start the Summary for Policymakers with a highly accessible Executive Summary or storyline, focusing on the most policy-relevant messages, and include headline statements;
 - to consult on the length, structure and content with stakeholders during the scoping process;

3. *To encourage* the Working Group Bureaus or in the case of the Synthesis Report, the IPCC Chair:
 - to involve appropriate communications specialists from a range of disciplines in the writing process from the outset of the development of the report, in particular for the Summary for Policymakers and any Frequently Asked Questions;
 - to offer training and good practice guidance on science writing to authors early in the writing process, for instance at lead author meetings, and where appropriate drawing on specialists available in other Working Groups or the Secretariat, subject to availability of funds;
 - to take communications skills into consideration in selecting author teams, subject to the availability of funds;
 - to consider setting up a team of communications specialists such as science writers, graphics designers or data visualists in the work of the Technical Support Units in order to contribute to the clarity and readability of the Summary for Policymakers, any Frequently Asked Questions, and in other ways to the accessibility of the Report, subject to the availability of funds;
4. *To request* the Secretary of the IPCC to organize an Expert Meeting on the science of communicating climate change, to be held once authors have been selected for the Sixth Assessment Report at a time and place that would most effectively and efficiently bring together researchers from communications science and IPCC authors to better understand the science of communication and technical questions and potential impacts of IPCC messages, paying special attention to questions of communicating risk and uncertainty, and to include 20 journeys for this meetings in the budget for 2018;
5. *To request* the Secretary of the IPCC, in consultation with the Communications Action Team, to update the Communications Strategy and its Implementation Plan in the light of the experience of communication and outreach around the Fifth Assessment Report and the recommendations of the Expert Meeting on Communication, and submit these proposals to the 44th Session of the IPCC .

**Proposed topics for revision in the Communications Strategy
and its Implementation Plan**

General

- Recognize the limits to the IPCC's communications capacity, the role of third parties and the scope for interaction with them by the IPCC.

Clarity, readability, access

- Prioritization of policy-relevant questions in the Summary for Policymakers, including use of headline statements, executive summaries, etc, and use of FAQs in the report;
- Use of communications specialists;
- Treatment of graphics;
- Training authors in writing and presentation skills;
- Training authors in use of graphics;
- Use of graphics in SPM and communications material to be informed by communications science.

Scoping

- Use search tags derived from the scoping process to enable users to navigate the report more easily;
- Involvement of stakeholders in the scoping process, including informal discussions at the pre-scoping stage.

Outreach

- Opening Trust Fund and other funds to voluntary contributions from other stakeholders (paying regard to possible conflicts of interest);
- Defining audiences and communications objectives, ensuring information is available and accessible to them without harming integrity of approved text;
- Role of developing country scientists in outreach events;
- Events for local young scientists at outreach activities;
- Training on presentations for authors;
- Sharing IPCC reports at events organized by other organizations;
- Creating a communications network of networks, engaging range of institutions and sectors that have an interest in climate science, tapping into communications officers at research organizations and scientific societies;
- Evaluation of outreach;
- Listing authors willing to take questions from governments and NGOs.

Derivative products

- Encourage production of derivative products by third parties, with clear no endorsement by IPCC;
- Informal support for such activities as appropriate and as time allows;
- Linking to appropriate third-party derivative products on the IPCC website.

Transparency

- Publish formal drafts of report at the time of review, with appropriate disclaimer;
- Consider webstreaming and remote participation for some IPCC activities;
- Clear policy on transparency that explains why some things are not in;
- Archive graphics and underlying data for transparency and traceability.

Press materials and media relations

- Establishing early relationships with media to lay groundwork for understanding the process and eventual findings
- Scope of pre-release interactions with media by Chair/co-chairs or authors they designate
- Cooperation between Co-chairs and Secretariat/TSU communications teams as report develops
- Media training for authors
- Global and regional launches of reports
- Timing of press conferences, embargoes and related matters
- Preparation for press conferences

Social media and other communications technology

- Use of social media and new and evolving media and technologies
- Use of video and animation
- Enhancing and homogenizing websites

Decision IPCC/XLIII-11. IPCC Library Facility

The Intergovernmental Panel on Climate Change decides,

1. To adopt the proposal for the establishment of an IPCC Library Facility as contained in Annex 1 to this decision.
2. To accept the generous offer from UNEP to develop, host and manage the IPCC Library Facility.
3. To authorize the Secretary of the IPCC to conclude an agreement with UNEP regarding the IPCC Library Facility.

IPCC LIBRARY FACILITY

Extensive access to scientific journals and publications is essential for IPCC authors during the process of drafting IPCC reports. Accessing such sources of information in many cases requires to pay subscriptions and in many cases the costs are high in particular when the task is of the scale necessary for an IPCC assessment. This poses important challenges for many authors, in particular for authors from developing countries.

During previous assessment cycles agreements were reached by individual Technical Support Units with publishers or with university libraries. This approach however had also considerable transactional costs.

With a more integrated approach for the work between the different IPCC Working Groups during the Sixth Assessment cycle it would be desirable to establish a centralized IPCC library facility that would help authors to access relevant journals and publications at no cost. This would require the facility to enter into the necessary agreements with publishers.

Following consultation, the United Nations Environment Programme (UNEP) has manifested willingness in developing, hosting and managing such an IPCC library facility. UNEP would, with additional support from a temporary staff member funded by IPCC, (see budget below):

- Assess the list of scientific journals and publications cited in the Fifth Assessment Report (AR5) (WGI, WGII and WGIII) and Special Reports (SRREN⁶ and SREX⁷);
- Circulate the list to the IPCC Secretariat requesting it to amend and make it fit to the expected needs of the Sixth Assessment Report (AR6) Working Groups and authors, indicate what type of access would be necessary;
- Make an inventory of the publishing houses and the major climate change related libraries and institutions within and outside the UN system holding or having access to the required journals and publications;
- Enter in Memoranda of Understanding or other instruments with the relevant publishers and libraries that would allow IPCC authors to access the necessary journals and publications;
- Establish, staff (with funding provided by IPCC as budgeted below) and service a system for managing the IPCC library facility. The facility should provide free pdf copies of papers in these journals or publications to authors either through access codes (for a direct access to the online journal archive) or through email request and upload of pdf copies of the articles. This second option should work very fast (1-2 days) to support the work of authors in real time.
- The facility should be operative for the start of the work of the authors for the first Special Report of the AR6 cycle (July 2017).

⁶ Special Report on Renewable Energy Sources and Climate Change Mitigation

⁷ Special Report on Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation

The Panel is invited to adopt a Decision giving a formal mandate to UNEP in this regard.

The Panel is invited to thank UNEP for the generous offer and authorizes the Acting Secretary of the IPCC to conclude an agreement with UNEP regarding the IPCC library facility.

Budget for Library Facility Staff Support – funding required

Additional Staff required	Amount
International UN Volunteer (2 years)	\$107,300
Total	\$107,300

Decision IPCC/XLIII-12. IPCC Scholarship Programme

The Intergovernmental Panel on Climate Change decides,

1. To take note of document IPCC-XLIII/Doc.7.
2. To thank the members of the Board of Trustees of the IPCC Scholarship Programme for their contribution to the IPCC Scholarship Programme and to release them from any further obligations or liabilities.

Decision IPCC/XLIII-13. Decision pathway for consideration of requests from researchers for access to information and meetings

The Intergovernmental Panel on Climate Change decides,

To adopt the Decision pathway for consideration of requests from researchers for access to information and meetings as contained in Annex 1 to the decision.

DECISION PATHWAY FOR CONSIDERATION OF REQUESTS FROM RESEARCHERS FOR ACCESS TO INFORMATION OR MEETINGS

Background

At its 37th Session (14 – 18 October 2013, Batumi, Georgia), the IPCC Panel requested the IPCC Executive Committee to initiate an Expert Meeting on potential studies of the IPCC process and to produce a report that recommends principles to guide the IPCC's engagement with such research. The Expert Meeting (28 – 29 January 2015, Geneva, Switzerland) produced a meeting report including a set of principles to guide the IPCC's engagement on potential studies of the IPCC process.

In Decision IPCC/XLI-5 the Panel “approved the Principles to guide the IPCC's engagement in potential studies of the IPCC process” as recommended by the Expert Meeting on Potential Studies of the IPCC Process (28-29 January 2015, Geneva, Switzerland)” as contained in Annex 1.

Paragraph 1 of “the Principles” provides that “the IPCC should develop a decision pathway for consideration of requests from researchers for access to non-public IPCC materials or meetings”.

At its 42nd Session the IPCC noted a report from the Acting Secretary of the IPCC with an update on the work being undertaken to draft such a “decision pathway”.

Decision pathway for consideration of requests for access to IPCC non-public material or meetings

1. Access to IPCC non-public material

Most of the IPCC material is in the public domain and directly accessible through the IPCC webpage.

However Appendix A to the IPCC Principles Governing IPCC Work, the “Procedures for the Preparation, Review, Acceptance, Adoption, Approval and Publication of IPCC Reports”, provides that “The IPCC considers its draft reports, prior to acceptance, to be pre-decisional, provided in confidence to reviewers, and not for public distribution, quotation or citation.”

Requests for access to any additional information or material should be made in writing and should be addressed to the Secretary of the IPCC who will regularly inform the Bureau on requests being processed. The IPCC Secretariat will process such requests, in consultation with IPCC Working Group or Task Force Co-Chairs or by the Chair of the case of the Synthesis Report or other IPCC bodies where relevant, in the light of applicable national and international policies and rules.

It should be noted that the IPCC does not hold the ownership of many materials and information used during its operations. In these cases requests for access should be made directly to the owners of such information.

2. Access to IPCC meetings

Requests from researchers for access to IPCC meetings for the purposes of potential studies on the IPCC or the IPCC process should be made in writing and should be addressed to the Secretary of the IPCC.

2.1. Requests are to include the following documentation or information:

- a) Proposal of planned research.
- b) Letter of support from supervisor or institution, credentials of supervisor and institution (where applicable).
- c) Information about composition of research team.
- d) Credentials of researchers/research team, including CVs and publication lists.
- e) Description of type, timing and duration of access required.
- f) Justification of enhanced value from requested access to meetings.
- g) Consideration of ethical issues and data management.
- h) Description of the process by which the proposal has been or is being evaluated and mechanisms for quality assurance.
- i) Information about funding sources.
- j) Declaration of any potential conflict of interest.
- k) Anticipated benefit to the broader public interest.

2.2. Researchers are to comply with the following requirements:

- a) Researchers must obtain appropriate informed consent from all meeting participants prior to the participation in any meeting.
- b) All information identifying individuals, either directly or indirectly, will be kept confidential.
- c) The researchers will not intervene in IPCC deliberations.
- d) The researchers will study only activities for which they have prior informed consent.
- e) The IPCC Secretariat will be provided with the draft publication ahead of submission, for prompt comment by the relevant IPCC Working Group or Task Force Co-chairs or by the Chair in the case of the Synthesis Report or other IPCC bodies.
- f) The IPCC Secretariat will be provided with any draft public relations documents (e.g., press releases) for prompt comment by the Secretariat, in consultation with IPCC Working Group or Task Force Co-chairs or by the Chair in the case of the Synthesis Report or other IPCC bodies where appropriate, prior to public dissemination.
- g) Researchers will not disclose their findings to the public, including the news media, prior to the publication of their study.
- h) Timing of publication of studies must be agreed by the relevant IPCC Working Group or Task Force Co-chairs or by the Chair in the case of the Synthesis Report or other IPCC bodies. A publication may be embargoed for the duration of the assessment cycle.
- i) Conditions regarding confidentiality of information and/or data to which researchers will be bound to subject to the prior informed consent. Confidential information and/or data will be held in accordance with the conditions established in the prior informed consent.
- j) At the completion of the assessment cycle, collected information will be shared with the IPCC for long-term archiving, respecting agreed standards for confidentiality and any future uses of the information agreed during the prior informed consent.

2.3. Procedure for consideration, approval and termination of proposals

The IPCC Secretary will check that all the information and documentation requested is appropriately addressed in the proposal. Complete proposals will be transmitted to the Bureau together with a recommendation of the relevant Co-chairs of Working Groups and/or Task Forces and/or the Vice-chairs and/or the Chair of the IPCC as appropriate. This recommendation will address, inter alia, the following aspects:

- a) Benefit to broader public.
- b) Overall geographic balance and diversity of the research portfolio.
- c) Gender balance.
- d) Career stage balance.

The Secretary of the IPCC will inform applicants on the outcome of the deliberations by the Bureau and will produce a Memorandum of Understanding (MoU) to be signed by the applicant before the starting of the study. This MoU will constitute the formal instrument of approval of the application and will address the conditions under which access to any meeting would be granted. The MoU will also include clauses regarding termination of the arrangement.

The proponent will liaise with the IPCC Secretariat or the Co-chairs of the relevant Working Group and/or Task Force as appropriate regarding the practical arrangements for obtaining prior informed consent from participants of specific meetings they wish to attend and regarding to access to in-session documentation.

**PRINCIPLES TO GUIDE IPCC'S ENGAGEMENT ON POTENTIAL STUDIES
OF THE IPCC PROCESS**

- (1) The IPCC should develop a decision pathway for consideration of requests from researchers for access to non-public IPCC materials or meetings. The pathway should ensure that the following information requirements are met, while acknowledging the needs of IPCC authors and the need of researchers for an efficient and timely decision process.
- (2) Information required when submitting a request should include:
 - a) Proposal of planned research.
 - b) Letter of support from supervisor or institution, credentials of supervisor and institution (where applicable).
 - c) Information about composition of research team.
 - d) Credentials of researchers/research team, incl. CVs and publication lists.
 - e) Description of type, timing and duration of access required.
 - f) Justification of enhanced value from requested access to non-public materials or meetings.
 - g) Consideration of ethical issues and data management.
 - h) Description of the process by which the proposal has been or is being evaluated and mechanisms for quality assurance.
 - i) Information about funding sources.
 - j) Declaration of any potential conflict of interest.
 - k) Anticipated benefit to the broader public interest.
- (3) Evaluation criteria for requests

The IPCC may consider the information outlined in (2) in its decision pathway, along with:

- a) Benefit to broader public.
 - b) Overall geographic balance and diversity of the research portfolio.
 - c) Gender balance.
 - d) Career stage balance.
- (4) Requirements for researchers conducting studies of the IPCC process

Note: Researchers should minimize the demands on IPCC authors

- a) Researchers must obtain appropriate informed consent from all subjects in the study.
- b) All identifying information will be kept confidential.
- c) The researchers may not intervene in IPCC deliberations.
- d) The researchers will only observe activities for which they have informed consent.
- e) IPCC will be provided draft publication ahead of submission, for prompt comment.

- f) IPCC will be provided any draft public relations documents (e.g., press releases) for prompt comment prior to their public dissemination.
 - g) Researchers will not disclose their findings to the public, including the news media, prior to the publication of their study.
 - h) Publication of studies will be embargoed until after the end of the assessment cycle, unless otherwise agreed to by the IPCC.
 - i) Confidentiality of information and data to which researchers are granted access will be agreed during informed consent. Confidential information and data will be held in accordance with data protection requirements.
 - j) 5 years after the completion of the assessment cycle, collected information will be shared with the IPCC for long term archiving.
- (5) The IPCC to consider developing a document and information management and conservation policy, which would apply to IPCC bodies and Technical Support Units (TSUs), taking into account:
- a) Organizational structure and institutional arrangements.
 - b) Materials such as document archives and data sets to be held by IPCC Secretariat and TSUs.
 - c) Limits of disclosure.
 - d) Time limits to confidentiality.

In doing so, the IPCC could explore those areas that may be insufficiently documented and consider ways to improve documentation.

Establishment of appropriate policy would allow IPCC to respond to potential studies requests in consistent and timely manner

Decision IPCC/XLIII-14. Place and date for the 44th Plenary Session

The Intergovernmental Panel on Climate Change decides,

To hold its 44th Session in October 2016 in a venue to be identified by the Secretary of the IPCC.