

CDM-SSCWG54

Meeting report

Small-Scale Working Group fifty-fourth meeting

Version 01.0

Date of meeting: 17 to 20 July 2017

Place of meeting: Bonn, Germany



United Nations
Framework Convention on
Climate Change

TABLE OF CONTENTS		Page
AGENDA ITEM 1.	AGENDA AND MEETING ORGANIZATION	3
Agenda item 1.1.	Opening.....	3
Agenda item 1.2.	Adoption of the agenda.....	3
AGENDA ITEM 2.	GOVERNANCE AND MANAGEMENT MATTERS	3
Agenda item 2.1.	Matters related to the SSC WG	3
Agenda item 2.2.	Upcoming deadlines of relevance to stakeholders.....	3
AGENDA ITEM 3.	REGULATORY MATTERS	4
Agenda item 3.1.	Standards/tools	4
Agenda item 3.1.1.	Consideration of new standardized baselines	4
Agenda item 3.1.2.	Consideration of new small-scale methodological standards/tools.....	5
Agenda item 3.1.3.	Consideration of revisions of small-scale methodologies and tools.....	6
Agenda item 3.1.4.	Consideration of requests for clarification of small-scale methodologies and tools	10
Agenda item 3.1.5.	Consultation on issues related to methodological standards/concept notes.....	10
Agenda item 3.1.6.	Post-registration changes	10
Agenda item 3.1.7.	Deviations from approved methodologies and tools	10
Agenda item 3.2.	Other issues	10
AGENDA ITEM 4.	CONCLUSION OF THE MEETING.....	11
ANNEXES TO THE REPORT		12

Agenda item 1. Agenda and meeting organization

Agenda item 1.1. Opening

1. The Chair of the Small Scale Working Group (SSC WG), Ms. Diana Harutyunyan, opened the meeting.
2. The SSC WG noted that Mr. Ben Atkinson was unable to attend the meeting and provided proper justification for his absence. Table 1 below represents the attendance of members at the meeting held from 17 to 20 July 2017.

Table 1. Attendance list

Chair/Vice-Chair	Members
Ms. Diana Harutyunyan (Chair)	Mr. Ben Atkinson (<i>did not attend</i>)
Mr. Amjad Abdulla (Vice-Chair)	Mr. Felix Babatunde Dayo
	Mr. Gilberto Bandeira De Melo
	Mr. Bamshad Houshyani
	Mr. Daniel Perczyk

Agenda item 1.2. Adoption of the agenda

3. The agenda of the meeting was adopted without amendments.
4. The SSC WG considered information provided by members, the Chair and the Vice-Chair with respect to any potential conflict of interest. Statements on conflicts of interest can be viewed on the UNFCCC clean development mechanism (CDM) website.¹

Agenda item 2. Governance and management matters

Agenda item 2.1. Matters related to the SSC WG

5. The SSC WG took note of the update of the workplan for the SSC WG for 2017, which was developed based on the mandates from the Executive Board of the CDM (hereinafter referred to as the Board).
6. The SSC WG took note of the outcomes of the ninety-fourth and ninety-fifth meetings of the Board relevant to the work of the SSC WG.

Agenda item 2.2. Upcoming deadlines of relevance to stakeholders

7. The SSC WG took note that this is the last meeting of the SSC WG as it is currently constituted, and the date of the 74th meeting of the Methodologies Panel (MP), effectively merging the MP and SSC WG, is set for 25 to 29 September 2017.

¹ <https://cdm.unfccc.int/Panels/ssc_wg/index.html>

Agenda item 3. Regulatory matters

8. During the meeting, the SSC WG took advantage of the parallel meeting of the MP and worked together with the MP and the secretariat on recommendations to be undertaken jointly, as mandated by the Board. In addition, the SSC WG provided input to the MP whenever requested and sought MP feedback when needed. In this regard, the joint work is captured as follows:
 - (a) Joint recommendations of the SSC WG and the MP are annexed to the MP report and are identified as joint recommendations;
 - (b) Joint recommendations involving the SSC WG, the MP and the secretariat are annexed to the annotated agenda of the ninety-sixth meeting of the Board (EB 96), apart from methodologies and tools;
 - (c) Input provided by one body to the other is reflected in the relevant paragraphs of this report.
9. Information on cases, that is their status, outcome and history, is made publicly available for standardized baselines,² small-scale methodologies³ and methodological tools on the UNFCCC CDM website. For information related to small-scale methodologies, see the multiple links under the 'Small-scale methodologies' heading and for information on methodological tools look under the heading 'Large-scale methodologies'.
10. The relevant reference documents "Procedure: Development, revision, clarification and update of standardized baselines" (ver. 04.0) and "Procedure: Development, revision and clarification of baseline and monitoring methodologies and methodological tools" (ver. 02.0) are available on the UNFCCC CDM website.⁴
11. The SSC WG took note of the overview of the top-down and proposed bottom-up standardized baselines.
12. The SSC WG took note of the update on relevant work carried out by consultants and desk reviews finalized since the fifty-third meeting of the SSC WG (SSC WG 53).

Agenda item 3.1. Standards/tools

13. The SSC WG and the MP agreed to continue the work on the development of standards with a methodological framework for the development of standardized baselines in the sector "energy efficiency in buildings". This work is being carried out in response to the mandate from the Board at its eighty-fifth meeting (EB 85 report, para. 39).

Agenda item 3.1.1. Consideration of standardized baselines

14. The SSC WG considered the proposed standardized baselines, as contained in table 2 below, and where applicable, took external expertise and public input into account.

² <http://cdm.unfccc.int/methodologies/standard_base/index.html>.

³ <<http://cdm.unfccc.int/methodologies/index.html>>.

⁴ <<https://cdm.unfccc.int/Reference/Procedures/index.html#meth>>.

Table 2. Status of submissions for proposed standardized baselines

Reference	Title	Status/ recommen- dation ^(a)	Paragraph
TSB0009	Standardized baselines for baseline woody biomass consumption for household cookstoves in Mali	Work-in-progress	15
ASB0002 (PSB0001)	Fuel switch, technology switch and methane destruction in the charcoal sector of Uganda	Work-in-progress	16

15. The SSC WG discussed the top-down standardized baseline TSB0009 “Standardized baselines for baseline woody biomass consumption for household cookstoves in Mali” and agreed that work shall continue on the draft standardized baseline, taking into account the input provided by the designated national authority of Mali.
16. The SSC WG discussed the request to update ASB0002 “Fuel switch, technology switch and methane destruction in the charcoal sector of Uganda” submitted by the designated national authority of Uganda and provided its input.

Agenda item 3.1.2. Consideration of new small-scale methodologies/tools

17. The SSC WG considered the new methodologies listed in table 3 below and, where applicable, took external expertise and public input into account.

Table 3. Status of consideration of new large-scale methodologies and tools

Submission/ mandate	Title	Status/ recommen- dation	Paragraph
EB 89 report, para. 33 (a)	Methodology AMS.III.XX “Lightweight 2-3 wheeled personal transportation infrastructure”	Approval	18
EB 85 report, para. 39	Methodological tool “Determination of standardized baselines for energy-efficient refrigerators and air conditioners” (TOOL00XX)	Approval	19
EB 94 report, para. 35	Methodology AM00XX “Energy-efficient refrigerators and air-conditioners”	Call for public input	20
EB 89 report, para. 33 (b)	Methodological framework for the improved operation of public transportation	Work-in-progress	21

18. The SSC WG, the MP and secretariat jointly recommended that the Board approve the draft new methodology AMS.III.XX “Lightweight 2-3 wheeled personal transportation infrastructure” as contained in annex 2 to the report of the MP at its seventy-third meeting (MP 73). This work is carried out in response to the mandate from the Board at its eighty-ninth meeting (EB 89 report, para. 33 (a)).
19. The SSC WG and the MP jointly recommended that the Board approve the draft new methodological tool “Determination of standardized baselines for energy-efficient refrigerators and air conditioners” (TOOL00XX), as contained in annex 3 to the MP 73 report. This work was carried out in response to the mandate from the Board at its eighty-fifth meeting (EB 85 report, para. 39) and the request by the Board at its ninety-fourth meeting (EB 94 report, para. 35) for continued work on the tool. The “Information note: Determination of standardized baselines for energy-efficient appliances – refrigerators and air conditioners”, as contained in annex 4 to the MP 73 report, includes the additional analysis requested by the Board at its ninety-fourth meeting.
20. The SSC WG and the MP jointly agreed to launch a call for public input on the draft new methodology AM00XX “Energy efficient refrigerators and air conditioners”, as contained in annex 5 to the MP 73 report. This work was carried out in response to the mandate from the Board at its ninety-fourth meeting (EB 94 report, para. 35) to develop a new methodology that is compatible with the methodological tool “Determination of standardized baselines for energy-efficient refrigerators and air conditioners” (TOOL00XX) referred to in paragraph 19 above. The public input will be taken into account when preparing the final version of the methodology to be presented to the Board at a future meeting.
21. The SSC WG, the MP and secretariat jointly agreed to continue the work on the draft methodological framework for the improved operation of public transportation. This work is carried out in response to the mandate received from the Board at its eighty-ninth meeting (EB 89 report, para. 33 (b)).

Agenda item 3.1.3. Consideration of revisions of small-scale methodologies and tools

22. The SSC WG considered bottom-up and top-down revisions of approved small-scale methodologies and tools, as listed in table 4 below, taking into account the input from the MP as well as external expertise and public input received, where applicable.

Table 4. Status of consideration of revisions to small-scale methodologies and tools

Issue	AM/AT	Mandate	Title of the request	Status/ recommen- dation	Para- graph
Revision	TOOL19 ver.07.1	N/A	To revise the tool for “Demonstration of additionality of microscale project activities”, based on a request for a revision to the criteria which determine the special underdeveloped zones (SSC_729)	Approval	23
Revision	TOOL03, ver. 02.0	EB 94 report, para. 34	To revise “Tool to calculate project or leakage CO ₂ emissions from fossil fuel combustion” (cost-effective monitoring)	Approval	24a
Revision	TOOL05, ver. 02.0	EB 94 report, para. 34	To revise “Baseline, project and/or leakage emissions from electricity consumption and monitoring of electricity generation” (cost-effective monitoring)	Approval	24b
Revision	TOOL13, ver. 01.0	EB 94 report, para. 34	To revise “Project and leakage emissions from composting” (cost-effective monitoring)	Approval	24c
Revision	TOOL14, ver. 01.0	EB 94 report, para. 34	To revise “Project and leakage emissions from anaerobic digesters” (cost-effective monitoring)	Approval	24d
Revision	TOOL16, ver. 03.0	EB 94 report, para. 34	To revise “Project and leakage emissions from biomass” (cost-effective monitoring)	Approval	24e

Issue	AM/AT	Mandate	Title of the request	Status/ recommendation	Paragraph
Revision	Methodologies for biofuel	EB 85 report, para. 44	To identify methodologies related to biofuel activities	Work-in-progress	25
Revision	AMS-III.BK, ver. 1.0	EB 89 report, para. 34	To revise AMS-III.BK "Strategic feed supplementation in smallholder dairy sector to increase productivity"	Work-in-progress	26
Revision	AMS-III.AV, ver. 05.0	EB 85 report, para. 51	To revise AMS-III.AV "Low greenhouse gas emitting safe drinking water production systems"	Work-in-progress	27-28
Analysis and revision	AMS-I.E, ver. 07.0, and AMS-II.G, 08.0	EB 90 report, para. 59	To analyse and revise as applicable AMS-I.E "Switch from non-renewable biomass for thermal applications by the user" and AMS-II.G "Energy efficiency measures in thermal applications of non-renewable biomass" and analyse AMS-I.E for inclusion of bioethanol for cookstoves	Draft recommendation	29-30
Revision	AMS-III.D, ver. 20.1	EB 92 report, para. 46	To revise AMS-III.D "Methane recovery in animal manure management systems"	Approval	31

23. The SSC WG recommended that the Board approve the revised methodological tool "Demonstration of additionality of microscale project activities" (TOOL19), as contained in annex 1 to this report. The revision was initiated based on a request for revision (SSC_729) to broaden the criteria which determine the special underdeveloped zones. Furthermore, the SSC WG recommended that the Board initiate the revision of the Procedure "Submission and consideration of microscale renewable energy technologies for automatic additionality" (ver. 02.0) in order to introduce flexibility for the data vintage to respond to practical situations on the ground.
24. The SSC WG, MP and secretariat jointly recommended that the Board approve the revisions of the below listed methodological tools as part of the work on cost-effective and

context-appropriate approaches for monitoring, reporting and verification as mandated by the Board at its ninetieth meeting (EB 90 report, para. 53) and at its ninety-fourth meeting (EB 94 report, para. 34). The MP will incorporate best practice examples relating to monitoring aspects into the sampling guidelines at a future meeting. The recommended revisions are to the following tools:

- (a) “Tool to calculate project or leakage CO₂ emissions from fossil fuel combustion” (TOOL03) (ver. 02.0), as contained in annex 9 to the MP73 report;
 - (b) “Baseline, project and/or leakage emissions from electricity consumption and monitoring of electricity generation” (TOOL05) (ver. 02.0), as contained in annex 10 to the MP73 report;
 - (c) “Project and leakage emissions from composting” (TOOL13) (ver. 01.0), as contained in annex 11 to the MP73 report;
 - (d) “Project and leakage emissions from anaerobic digesters” (TOOL14) (ver. 01.0), as contained in annex 12 to the MP73 report;
 - (e) “Project and leakage emissions from biomass” (TOOL16) (ver. 03.0), as contained in annex 13 to the MP73 report.
25. The SSC WG and MP jointly agreed to continue the work on the revisions of methodologies for biofuel activities. Specifically, the MP and SSC WG agreed to incorporate the elements of the revisions approved for ACM0017 at EB 94, which are relevant to small-scale biodiesel methodologies, into AMS-III.AK “Biodiesel production and use for transport applications” and AMS-I.H “Biodiesel production and use for energy generation in stationary applications”. This work was carried out in response to the mandated by the Board at its eighty-fifth meeting (EB 85 report, para. 44 (b)) to explore the broadening of the applicability of the existing biodiesel methodology to cover biofuels.
26. The SSC WG, with input from the MP and secretariat, agreed to continue the work on the revision of the methodology AMS-III.BK “Strategic feed supplementation in smallholder dairy sector to increase productivity”. The work is being carried out in response to the mandate from the Board at its eighty-ninth meeting (EB 89 report, para. 34).
27. The SSC WG provided input to the MP, which considered an information note on the selection of methodologies in which to include non-binding best practice examples and agreed to include examples in AMS-II.G, AMS-III.AV, ACM0006 and their related methodologies. The work is carried out in response to the mandate from the Board at its ninety-third meeting (EB 93 report, annex 2).
28. The SSC WG provided input to the MP, which agreed to continue the work on the revision of the methodology AMS-III.AV “Low greenhouse gas emitting safe drinking water production systems” as part of the work on non-binding best practice examples.
29. The SSC WG recommended that the Board consider the concept note “Analysis of eligibility of shift from NRB to LPG under AMS-I.E and AMS-II.G”, as contained in annex 2 to this report. The concept note provides an analysis of shifting from non-renewable biomass (NRB) to low-carbon intensive fossil fuels such as liquefied petroleum gas (LPG) in AMS-I.E and AMS-II.G. This concept note was prepared in response to the mandate from the Board at its ninetieth meeting (EB 90 report, para. 59). The analysis in the concept note took into account Decision 2/CMP.3, the life cycle analysis of the emission impact of

different fuels used for cooking, and conditions under which a shift to LPG would lead to emission reductions and related uncertainties.

30. The SSC WG agreed to launch a call for public input on the draft revised methodologies AMS-I.E “Switch from non-renewable biomass for thermal applications by the user” and AMS-II.G “Energy efficiency measures in thermal applications of non-renewable biomass”, as contained in annex 3 and annex 4 to this report, respectively. The work is being carried out as mandated in the workplan of the SSC WG for 2017. The public input will be taken into account when preparing the revised methodologies for recommendation to the Board at a future meeting.
31. The SSC WG, taking into account input from MP and the secretariat, recommended that the Board approve the revised methodology AMS-III.D “Methane recovery in animal manure management systems”, as contained in annex 5 to this report. The work was carried out in response to the mandate received at the ninety-second meeting of the Board (EB 92 report, para. 46).

Agenda item 3.1.4. Consideration of requests for clarification for small-scale methodologies and tools

32. The SSC WG took note that no requests for clarification on small-scale methodologies and tools were discussed at this meeting of the SSC WG (SSC WG 54) by the secretariat.

Agenda item 3.1.5. Consultation on issues related to methodological standards/concept notes

33. The SSC WG took note that no mandate for consultation on issues related to methodological standards/concept notes has been received since the last meeting of the SSC WG (SSC WG 53) by the secretariat.

Agenda item 3.1.6. Post-registration changes

34. The SSC WG took note that no request for post-registration changes to a small-scale project activity or programme of activities requiring the attention of the SSC WG had been received since the last meeting of the SSC WG (SSC WG 53) which requires attention by the SSC WG.

Agenda item 3.1.7. Deviations from approved methodologies and tools

35. The SSC WG took note that no request for input to deviations from small-scale methodologies and tools had been received since the last meeting of the SSC WG (SSC WG 53).

Agenda item 3.2. Other issues

36. The SSC WG recommended that the Board approve the new methodological tool “Calculation of the fraction of non-renewable biomass” (TOOL00XX), as contained in annex 6 to this report. This work was carried out in response to the mandate received from the Board at its ninetieth meeting (EB 90 report, para. 58 (c)).
37. The SSC WG and the secretariat provided input to the MP, which agreed to launch a call for public input on the draft guideline “Use of the CDM in urban sectors”, as contained in annex 15 to the MP 73 report. The guideline is being developed to facilitate the

development of CDM project activities and programmes of activities in the urban context and will contain best practice examples. The work was mandated by the Board at its ninetieth meeting (EB 90 report, para. 52). The public input will be taken into account when preparing the final version of the guideline to be recommended to the Board at a future meeting.

38. The SSC WG, MP and secretariat jointly agreed to continue the work on exploring tiered approaches in methodologies relevant to the urban context. In this regard, it was agreed to further explore the external tools and databases (e.g. EDGE (Excellence in Design for Greater Efficiencies) and TRACE (Tool for Rapid Assessment of City Energy) from the World Bank Group) referenced in the draft guideline “Use of the CDM in urban sectors” (see para. 37 above). The work on exploring tiered approaches in methodologies was mandated by the Board at its ninety-fourth meeting (EB 94 report, para. 34).
39. The SSC WG, MP and secretariat jointly agreed to continue the work on options for replacing the unit size criterion in the positive list with an expanded positive list of technologies in the methodological tool “Demonstration of additionality of small-scale project activities” (TOOL21), as mandated by the Board at its ninety-fourth meeting (EB 94 report, para. 47).
40. The SSC WG provided input to the MP, which recommended that the Board approve the new draft methodological tool “Calculation of baseline, project and leakage emissions from the use of refrigerants” (TOOL00XX), as contained in annex 1 to the MP 73 report. The work is carried out in response to the mandate from the Board at its eighty-fifth meeting (EB 85 report, para. 39) to analyse the requirements in methodologies with regard to consideration of baseline and/or project emissions from refrigerants and to propose any revisions in accordance with requirements in paragraph 17 of the EB 34 report.

Agenda item 4. Conclusion of the meeting

41. The Chair thanked all the experts who served as members, Chairs and Vice-Chairs of the SSC WG and the secretariat for their tireless work and dedication since the inception of the SSC WG. The Chair noted that SSC WG members, through their commitment and diligent work, successfully delivered numerous small-scale methodological products mandated by the Board over the last decade. Ninety-six small-scale methodologies and many related standards, tools and guidelines approved by the Board to date have contributed immensely to the expansion and reach of the CDM, particularly for underrepresented regions, sectors and project types. The Chair wished great success to the new MP in continuing the excellent work in the area of small-scale methodologies in accordance with the decision of the Board at its ninety-third to merge these two methodological bodies (EB 93 report, para.15).
42. The members of the SSC WG adopted the report of the fifty-fourth meeting. The report and annexes will be available on the UNFCCC website.
43. The Chair of the SSC WG closed the meeting.

Annexes to the report

- Annex 1 - "Demonstration of additionality of microscale project activities" (TOOL19);
- Annex 2 - Concept note "Analysis of eligibility of shift from NRB to LPG under AMS-I.E and AMS-II.G";
- Annex 3 - AMS-I.E "Switch from non-renewable biomass for thermal applications by the user";
- Annex 4 - AMS-II.G "Energy efficiency measures in thermal applications of non-renewable biomass";
- Annex 5 - AMS-III.D "Methane recovery in animal manure management systems";
- Annex 6 - Methodological tool: "Calculation of the fraction of non-renewable biomass".

- - - - -

Document information

<i>Version</i>	<i>Date</i>	<i>Description</i>
01.0	28 July 2017	SSCWG 54 meeting report.
Decision Class: Operational Document Type: Meeting report Business Function: Governance Keywords: SSCWG, reporting procedures		