

**CDM-SSCWG50**

## Meeting report

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# Small-Scale Working Group fiftieth meeting

Version 01.0

Date of meeting: 11 – 14 April 2016

Place of meeting: Bonn, Germany



**United Nations**  
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Climate Change

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## **Agenda item 1. Agenda and meeting organization**

### **Agenda item 1.1. Opening**

1. Mr. Balisi Gopolang, the new Chair of the Small Scale Working Group (SSC WG), appointed by the Executive Board of the clean development mechanism (CDM) (hereinafter referred to as the Board) at its eighty-eighth meeting (EB 88), opened the meeting. The members of the SSC WG welcomed the new Chair and Vice-Chair, Mrs. Diana Harutyunyan and expressed their deep appreciation to the outgoing Chair Mrs. Diana Harutyunyan and Vice-Chair Mr. Washington Zhakata for their excellent contributions to the work of the SSC WG.
2. The SSC WG noted that Mr. Bamshad Houshyani was unable to attend the meeting and provided proper justification for his absence.
3. Table 1 below represents the attendance of members at the meeting held from 11 to 14 April 2016. Mr. Balisi Gopolang (Chair) attended the meeting during the first two days and Mrs. Diana Harutyunyan (Vice-chair) kindly agreed to Chair the meeting for the remaining two days.

**Table 1. Attendance list**

<b>Chair/Vice Chair</b>	<b>Members</b>
Mr. Balisi Gopolang (Chair)	Mr. Ben Atkinson
Mrs. Diana Harutyunyan (Vice-chair)	Mr. Daniel Perczyk
	Mr. Felix Babatunde Dayo
	Mr. Gilberto Bandeira De Melo

### **Agenda item 1.2. Adoption of the agenda**

4. The agenda of the meeting was adopted without amendments.

## **Agenda item 2. Governance and management matters**

### **Agenda item 2.1. Membership issues**

5. The SSC WG considered information provided by members with respect to any potential conflict of interest.

### **Agenda item 2.2. Performance management**

6. The SSC WG considered the workplan for panels and working groups for 2016.

### **Agenda item 2.3. Matters related to the SSC WG**

7. The SSC WG took note of the outcomes of the eighty-sixth, eighty-seventh and eighty-eighth meeting of the Board.

8. The SSC WG took note of the overview of the proposed top-down and bottom-up standardized baselines.
9. Mr. Daniel Perczyk presented an update of the outcome of the sixty-eighth and sixty-ninth Meth Panel meetings relevant to the work of the SSC WG.
10. The SSC WG took note of the update of relevant regulatory matters in preparation for the consideration of agenda items for this meeting and recalled the fast track clarification conducted by the SSC WG in the period since its last meeting in September-October 2015 (SSC WG 49)

#### **Agenda item 2.3.1. Upcoming deadlines of relevance to stakeholders**

11. The SSC WG noted that the date for its fifty-first meeting (SSC WG 51) is on 20-23 June 2016 and for its fifty-second meeting (SSC WG 52) is on 3-6 October 2016.
12. Project participants (PPs), designated national authorities (DNAs) and other stakeholders may note the following upcoming deadlines:
  - (a) The deadline for the submission of proposed new methodologies (PNMs) to be considered at the SSC WG 51 is 25 April 2016, 24:00 GMT;
  - (b) The deadline for the submission by DNAs of proposed technologies for automatic additionality under the microscale additionality tool, to be considered at the SSC WG 51 is 23 May 2016, 24:00 GMT;
  - (c) The deadline for the submission of requests for revision to be considered at the SSC WG 51 is 25 April 2016, 24:00 GMT;
  - (d) The deadline for the submission of requests for clarification to be considered at the SSC WG 51 is 9 May 2016, 24:00 GMT.

### **Agenda item 3. Regulatory matters**

#### **Agenda item 3.1. Standards/tools**

13. The SSC WG recommended that the Board take note that it continued the work on the development of standards with a methodological framework for the development of standardized baselines in energy-efficient appliances for residential application, such as air conditioners and refrigerators, and energy efficiency in buildings as included in the SSC WG workplan for 2016.
14. The SSC WG recommended that the Board take note that it continued the work in response to the specific mandate by the Board, to analyse requirements in methodologies with regard to consideration of baseline and/or project emissions from refrigerants used in refrigeration and air conditioning equipment (EB 85 report para. 39), as included in the SSC WG workplan for 2016. The SSC WG agreed to continue to work on harmonizing provisions across CDM SSC methodologies to account for project, baseline and leakage emissions due to the use of refrigerants. In this regard, the SSC WG concurred with the MP 69 outcome that one of the options would be to develop a new tool, taking into account requirements stipulated in paragraph 17 of the EB 34 meeting report.

15. The SSC WG recommended that the Board take note that it provided feedback on the development of standards with a methodological framework for specific project types. The work is based on the SSC WG workplan for 2016.

**Agenda item 3.1.1. Consideration of new standardized baselines**

16. The status, case history, and final recommendations proposed by the SSC WG for consideration by the Board are made available on the UNFCCC CDM website at: <[http://cdm.unfccc.int/methodologies/standard\\_base/index.html](http://cdm.unfccc.int/methodologies/standard_base/index.html)>.
17. The relevant procedure “Procedure for submission and consideration of standardized baselines” (version 02.0) is available on the UNFCCC CDM website at: <[http://cdm.unfccc.int/methodologies/standard\\_base/index.html](http://cdm.unfccc.int/methodologies/standard_base/index.html)>.
18. The SSC WG considered the draft new standardized baselines in Table 2 below, as well as external expertise received, where applicable.

**Table 2. Status of submissions for proposed standardized baselines<sup>(a)</sup>**

Reference	Title	Status/ recommendation	Paragraph
<b>PSB-00020</b>	Electrification of rural communities in Ethiopia using renewable energy	work-in-progress	19
<b>PSB-00034</b>	Standardized baseline for efficient charcoal production in Senegal	work-in-progress	20
<b>PSB-00035</b>	Standardized baseline for efficient charcoal production in Côte d’Ivoire	work-in-progress	21
<b>TSB-0002</b>	Brick sector emission factor for Peru	work-in-progress	23

<sup>(a)</sup> Recommendations from the SSC WG: work-in-progress (WIP)

19. The SSC WG recommended that the Board take note that the SSC WG provided input to the draft new standardized baseline (SB) “PSB-00020 Electrification of rural communities in Ethiopia using renewable energy” and that it is “work-in-progress” (WIP).
20. The SSC WG recommended that the Board take note that the SSC WG provided input to the draft new standardized baseline (SB) “PSB-00034 Standardized baseline for efficient charcoal production in Senegal” and that it is “work-in-progress” (WIP).
21. The SSC WG recommended that the Board take note that the SSC WG provided input to the draft new standardized baseline (SB) “PSB-00035 Standardized baseline for efficient charcoal production in Côte d’Ivoire (AMS\_III. BG)” and that it is “work-in-progress” (WIP).
22. The SSC WG recommended that the Board take note that it has considered the possible approaches on the top-down developed standardized baselines applicable to the cookstove sector (in collaboration with DNAs of Kenya, Mali, Malawi, Gambia, Togo and Namibia).
23. The SSC WG recommended that the Board take note that the status of the draft new standardized baseline (SB) “TSB-0002: Brick sector emission factor for Peru” is “work-in-progress”(WIP). The work is being conducted in response to the mandate in the

SSC WG workplan for 2015 (EB 82, Annex 2), for the development of one standardized baseline for the brick sector (in collaboration with the DNA of Peru and the KfW). The SSC WG agreed to continue following-up with the DNA by seeking further input on its previous recommendation on alternative methods for standardizing the baseline parameter.

**Agenda item 3.1.2. Consideration of proposed new small-scale methodological standards/tools**

24. Information on proposed new small-scale methodologies, their status, case history and final recommendations proposed by the SSC WG for consideration by the Board are made available on the UNFCCC CDM website at:  
<<http://cdm.unfccc.int/methodologies/SSCmethodologies/NewSSCMethodologies/index.html>>. If the Board accepts the recommendations, the final recommendations and responses are made available on the UNFCCC CDM website at:  
<<http://cdm.unfccc.int/methodologies/SSCmethodologies/pnm>>.
25. The relevant procedure “Development, revision and clarification of baseline and monitoring methodologies and methodological tools” (version 01.1) is available on the UNFCCC CDM website at:  
<<http://cdm.unfccc.int/Reference/Procedures/index.html#meth>>.
26. The SSC WG considered the proposed new methodological standards listed in table 3 below, as well as external expertise and public inputs received, where applicable.

**Table 3. Status of consideration of proposed and top-down new methodological standards/tools**

Submission/ mandate	Title	Status/ Recommendation	Paragraph/ Annex
<b>SSC-NM096</b>	Supply side energy efficiency intervention through demand side reactive power compensation	work-in-progress	27
<b>SSC-NM100</b>	Emissions reductions for vehicle fleets through efficiency improvements and CO <sub>2</sub> decomposition and reforming retrofits	work-in-progress	28
<b>SSC-I.x</b>	Solar power for domestic aircraft at-gate operations	to approve	29

27. The SSC WG recommended that the Board take note that the SSC WG considered the revised proposal SSC-NM096 "Supply side energy efficiency intervention through demand side reactive power compensation" and agreed to continue its consideration at a future meeting after receiving additional information from the methodology proponent; among others a revised PDD, with a clear description of project interventions newly added in the revised proposal and spread-sheet(s) clearly illustrating how the baseline emissions, project emissions, and emission reductions are computed from the different interventions.

28. The SSC WG recommended that the Board take note that it could not conclude its consideration of the proposed new methodology SSC-NM100 “Emissions reductions for vehicle fleets through efficiency improvements and CO<sub>2</sub> decomposition and reforming retrofits” and will continue to consider this case at a future meeting. The SSC WG is seeking clarifications from the methodology proponent on several aspects of the submission, among others, on how to ensure that emissions reductions are solely attributable to the technology intervention and providing additional information in order to clarify that the intervention increases energy efficiency and not combustion efficiency, according to EB 32 para 28 . The methodology was considered by the SSC WG for the first time.
29. The SSC WG recommended that the Board approve the top-down developed new methodology "SSC-I.x: Solar power for domestic aircraft at-gate operations" for the aviation sector, as contained in annex 1 to this report. The methodology takes into account guidance by the Board provided at its eighty-seventh meeting (EB 87 report, paragraph 50) and has been prepared in consultation with the International Civil Aviation Organization (ICAO). The methodology was developed under project 244, “Development of new methodologies to broaden the applicability of the CDM” and is included in the SSC WG workplan for 2016. The proposed new methodology is for producing solar energy based renewable power for the at-gate operations of domestic aircraft, which would otherwise have been supplied by carbon intensive sources (fossil fuels).

**Agenda item 3.1.3. Consideration of revisions of methodological standards/tools**

30. The SSC WG considered top-down-initiated revisions of approved small-scale methodologies (AMS), as listed in table 4, taking into account desk reviews and public inputs received, where applicable.

**Table 4. Status of consideration of revisions to methodological standards/tools**

Issue	AMS	Mandate	Status/recommendation	Paragraph/Annex
<b>SSC_721</b>	AMS-III.AJ	SSC_721: Methodology AMS-III.A.J (to cover glass recycling)	work-in-progress	31
<b>SSC WG workplan</b>	AMS-III.AJ	Review and revision of existing PoA provisions in SSC methodologies:		32
	AMS-III.AB	Recovery and recycling of materials from solid wastes;  AMS-III.AB “Avoidance of HFC emissions in Standalone Commercial Refrigeration Cabinet”.	AMS-III.AJ: work-in-progress AMS-III.AB: work-in-progress	

Issue	AMS	Mandate	Status/recommendation	Paragraph/Annex
<b>SSC WG workplan</b>	AMS-I.E	Inclusion of a default value for woody biomass consumption	work-in-progress / call for public input	33, 34, 40
<b>SSC WG workplan</b>	AMS-II.C	“Demand-side energy efficiency activities for specific technologies”	AMS- II .C: To approve the proposed revised methodology	35 a)  35 b)
	AMS-II.J	“Demand-side activities for efficient lighting technologies”	AMS- II.J : To approve the proposed revised methodology	

31. The SSC WG recommended that the Board take note that it could not conclude its consideration on the request for revision SSC\_721 to the approved methodology AMS-III.AJ “Recovery and recycling of materials from solid wastes”, aimed to cover glass recycling. The SSC WG agreed to request further information and a modified methodology, taking into account, among others, the following key issues, i) replace the proposed specific CO<sub>2</sub> emission factor by specific electricity and fossil fuel consumption factors per tonne of glass produced, ii) further substantiate specific electricity consumption and specific fossil fuel consumption factors for the pre-melting stages in a glass production process, and iii) assess the possibility of including the process related CO<sub>2</sub> emissions avoided from the decomposition of raw material carbonates, given this stage will be eliminated by the use of recycled glass.
32. The SSC WG recommended that the Board take note that it considered the top-down revisions of the methodologies "AMS-III.AB: Avoidance of HFC emissions in Standalone Commercial Refrigeration" and AMS-III.AJ “Recovery and recycling of materials from solid wastes”, carried out under the review and revision of existing provisions for programmes of activities (PoAs) in small-scale methodologies (EB 68 report, paragraph 90). However, the SSC WG agreed to continue considering the cases at a future meeting to also address the other mandate received from the Board at its eighty-fifth meeting (EB 85 report, paragraph 39) regarding the consideration of baseline and/or project emissions from refrigerants used in refrigeration and air-conditioning equipment for AMS-III.AB (EB 85 report, see paragraph 14); and to consider the case of glass recycling for AMS-III.AJ (EB 85 report, see paragraph 31).
33. The SSC WG recommended that the Board take note that it considered the draft revision of “AMS-I.E: Switch from non-renewable biomass for thermal applications by the user”, as included in the SSC WG workplan for 2016. The SSC WG agreed that, based on experience gained in the assessment of various bottom-up and top-down standardized baselines in the cookstove sector, the below-mentioned issues would need to be addressed in the methodology and are relevant to both AMS-I.E and “AMS-II.G. Energy efficiency measures in thermal applications of non-renewable biomass”.



- (a) Validity and the process for the update of default values of fraction of non-renewable biomass (fNRB);
  - (b) Procedures to quantify baseline woody biomass consumption for each cookstove versus that for the entire household, in order to adapt the methodologies to the information that is collected;
  - (c) Methods to adjust the baseline woody biomass consumption to account for continued use of pre-project devices in the project activities;
  - (d) Expanding the scope to shift from non-renewable biomass to low carbon intensive fossil fuels.
34. With regard to the work on AMS-I.E as captured in the paragraph 33 above, the SSC WG recommends that the Board provide a mandate to the SSC WG, to prepare a revision of AMS-I.E and AMS-II.G and/or a new methodology to address the above-mentioned issues and to provide a consistent approach in the cook stove methodologies.
35. The SSC WG recommended that the Board approve the top-down revisions of the following methodologies. The revisions are based on the request by the Board at its eighty-fifth meeting (EB 85 report, paragraph 56) to include consistent methods and provide more flexibility to project proponents to determine the usage hours of lighting equipment in a conservative manner in “AMS-II.C: Demand-side energy efficiency activities for specific technologies” and “AMS-II.J: Demand-side activities for efficient lighting technologies”.
- (a) “AMS-II.C: Demand-side energy efficiency activities for specific technologies”, as contained in annex 2 to this report. The draft revision of the methodology:
    - (i) Introduces the use of conservative default values (i.e. 3.5 hours/day for residential applications and for commercial buildings);
    - (ii) Ensures consistency with AMS-II.J.
  - (b) “AMS-II.J: Demand-side activities for efficient lighting technologies”, as contained in annex 3 to this report. The draft revision of the methodology:
    - (i) Enables the use of field monitored data on lamp failure over the modelled lamp failure data;
    - (ii) Clarifies that the barrier analysis of the tool “Demonstration of additionality for small-scale methodologies” should be applied for technologies not included in the positive list.
36. The SSC WG recommended that the Board take note that it provided input to the revision of methodologies to refer to the revised methodological tool “Project and leakage emissions for biomass”. The work is part of the SSC WG workplan for 2016.

**Agenda item 3.1.4. Submissions of requests for clarification**

37. Information on requests for clarification, their status, case history and the final recommendations and responses to the Board by the SSC WG are made available on the UNFCCC CDM website at:

<<http://cdm.unfccc.int/methodologies/SSCmethodologies/clarifications/pending>>. If the Board accepts the recommendations, the final recommendations and responses are made available on the UNFCCC CDM website at:

<<http://cdm.unfccc.int/methodologies/SSCmethodologies/clarifications>> and  
<<http://cdm.unfccc.int/methodologies/SSCmethodologies/tools-clarifications>>.

38. The relevant procedure “Development, revision and clarification of baseline and monitoring methodologies and methodological tools” (version 01.1) is available on the UNFCCC CDM website at:  
<<http://cdm.unfccc.int/Reference/Procedures/index.html#meth>>.
39. The SSC WG recommended that the Board approve the response prepared for requests for clarification to approved methodologies and approved methodological tools as available on the UNFCCC CDM website for cases specified as “clarified” in the table 5 below.

**Table 5      Requests for clarification**

Submission number	AM/AT	Title of the request	Status
<b>SSC_720</b>	AMS-II.G.	Clarification on the management of cookstove numbers in a CPA under AMS-II.G.	Clarified (fast track)

#### **Agenda item 3.1.5.      Global stakeholder consultation / call for public input**

40. The SSC WG requested the secretariat to start a global stakeholder consultation on the issues identified during the work on the top-down revision of “AMS-I.E: Switch from non-renewable biomass for thermal applications by the user” (see paragraph 29) and as captured in the information note in annex 4 to this report. The inputs from stakeholders will be taken into account when preparing the draft revision of the methodologies of AMS-I.E and possibly AMS-II.G (see paragraph 34) to be recommended to the Board at a future meeting.
41. The SSC WG recommended that the Board take note that it had initial discussions and assessment on the feasibility of merging the tools “Demonstration of additionality of small-scale project activities” and “Demonstration of additionality of microscale project activities” with updated positive lists. The work is part of the SSC WG workplan for 2016 and was conducted in response to the mandates provided by the Board at its eighty-fifth and eighty-seventh meetings (EB 87 report paragraph 49 and EB 85 report paragraph 42).The SSC WG will continue to work on this issue at a future meeting.

#### **Agenda item 3.1.6.      Post registration changes**

42. The SSC WG recommended that the Board take note that, in response to a request by the secretariat, the SSC WG considered the following request for approval of a post-registration change: PRC-3404-001 related to the Project Activity “Rwanda Electrogaz Compact Fluorescent Lamp (CFL) distribution project”, and provided input.

**Agenda item 3.1.7. Consultation on issues related to methodological standards/concept notes**

43. The SSC WG recommended that the Board take note that it considered the concept note: "Exploration of methodological options for developing agriculture CDM" and finalized the proposal together with the secretariat. The work was carried out in response to the mandate received from the Board at its eighty-seventh meeting (EB 87 report, paragraph 36), which requested the MP, the SSC WG and the secretariat to jointly prepare a proposal for the development of new and revision of existing specific methodologies, taking into account guidance provided by the Board at its eighty-seventh meeting, as well as public comments.
44. The SSC WG recommended that the Board take note that the SSC WG could not conclude the work on the concept note regarding proposals on new/revised methodologies for the urban sector, to respond to the mandate from the Board provided at its eighty-sixth meeting (EB 86, paragraph 38). The SSC WG, together with the methodology panel, will continue to work on the concept note at a future meeting.
45. The SSC WG recommended that the Board take note that it considered the concept note on broadly applicable highly usable methodologies for transport applications (revised title: Proposal on top-down methodological work for the transport sector) and finalized the proposal together with the secretariat. The concept note was prepared in response to a mandate received from the Board at its eighty-sixth meeting (EB 86 report, paragraph 39) and is included in the SSC WG workplan for 2016.
46. The SSC WG recommended that the Board take note that it provided feedback to the secretariat on the concept note on the simplified inclusion process for automatically additional microscale CPAs. This work is based on the mandate received from the CMP at its eleventh meeting (Decision 6/CMP.11, paragraph 19) and included in the SSC WG workplan for 2016.
47. The SSC WG recommended that the Board take note that it provided feedback to the secretariat on the concept note on "Proposals for simplification and streamlining of the CDM". This work is included in the SSC WG workplan for 2016, and is based on the mandate provided by the Board at its eighty-sixth meeting (EB 86 report paragraphs 10-11).
48. The SSC WG recommended that the Board take note that it provided feedback to the secretariat on the concept note on "Cost-effective approaches for monitoring". This work is based on the CMP mandate at its eleventh meeting (6/CMP.11, paragraph 15) and is included in the SSC WG workplan for 2016. The SSC WG will consider the updated concept note at a future meeting.

**Agenda item 3.1.8. Other issues**

49. The SSC WG recommended that the Board take note that it continued its discussion on the concept note for further work on additionality, including probabilistic approaches for additionality and criteria for negative lists. The work is conducted in response to the mandate received from the Board at its eighty-fifth meeting (EB 85 report, paragraphs 37 and 38) and is included in the SSC WG workplan for 2016.

## **Agenda item 4. Conclusion of the meeting**

### **Agenda item 4.1. Adoption of the meeting report**

- 50. The SSC WG dealt with methodology related bottom-up submissions, including requests for revision, requests for clarification; and top-down development of methodologies, tools and revision of methodologies and made recommendations to the Board.
- 51. The SSC WG adopted the report and concluded its fiftieth meeting. The report and annexes will be available on the UNFCCC website.

### **Agenda item 4.2. Closure of the meeting**

- 52. The Vice-Chair of the SSC WG closed the meeting.

## Annexes to the report

### ***Annexes to the external report of the fiftieth meeting of the Small-Scale Working Group***

- Annex 1 - Draft new methodology "SSC-I.X: Solar power for domestic aircraft at-gate operations"
- Annex 2 - Draft revision of "AMS-II.C: Demand-side energy efficiency activities for specific technologies"
- Annex 3 - Draft revision of "AMS-II.J: Demand-side activities for efficient lighting technologies"
- Annex 4 - Information note "Questions for public inputs in relation to the revision of AMS-I.E and AMS-II.G"

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### **Document information**

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