

CDM-SSCWG49

Meeting report

Small-Scale Working Group forty-ninth meeting

Version 01.0

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Agenda item 1. Agenda and meeting organization

Agenda item 1.1. Opening

1. The Chair and Vice-Chair of the Small-Scale Working Group (SSC WG) were not able to attend the meeting. Following the provisions in the “Terms of reference of the support structure of the CDM Executive Board”,¹ the members of the SSC WG elected Mr. Felix Babatunde Dayo to serve as chair for this meeting. Mr. Dayo opened the meeting.
2. The SSC WG noted that all members attended the meeting from 29 September to 2 October 2015. The SSC WG also noted that the Chair of the SSC WG, Mrs. Diana Harutyunyan, and the Vice-Chair, Mr. Washington Zhakata, did not attend the meeting. Both provided proper justification for their absence.

Table 1. Attendance list

Chair	Members
	Mr. Bamshad Houshyani
	Mr. Ben Atkinson
	Mr. Daniel Perczyk
	Mr. Felix Babatunde Dayo (serving as Chair for this meeting)
	Mr. Gilberto Bandeira de Melo

Agenda item 1.2. Adoption of the agenda

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

Agenda item 2. Governance and management matters

Agenda item 2.1. Membership issues

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

Agenda item 2.2. Performance management

5. The SSC WG considered an update on the workplan for panels and working groups for 2015.

Agenda item 2.3. Matters related to the SSC WG

6. The SSC WG took note of the outcomes of the eighty-fifth meeting (EB 85) of the Executive Board of the clean development mechanism (CDM) (hereinafter referred to as the Board) held in July 2015.

¹ Procedure “Terms of reference of the support structure of the CDM Executive Board” (version 4.0), CDM-EB61-A01-PROC, available at <<http://cdm.unfccc.int/Reference/Procedures/index.html>>.

7. Mr. Daniel Perczyk briefed the SSC WG on the electronic decision-making of the Methodologies Panel (MP67-EC01 in August/September 2015).
8. The SSC WG took note of an update on editorial revisions, desk reviews, consultancies, fast-track clarifications and top-down and proposed standardized baselines finalized in accordance with the “Procedure for the development, revision and clarification of baseline and monitoring methodologies and methodological tools” and “Procedure for the submission and consideration of standardized baselines” since the last meeting. The SSC WG noted that there were no editorial revisions, desk studies, fast-track clarifications or consultancies finalized since its last meeting that were of relevance to the working group’s consideration of agenda items at this meeting.

Agenda item 2.3.1. Upcoming deadlines of relevance to stakeholders

9. The SSC WG noted that the date for its 50th meeting (SSC WG 50) is to be decided at EB 87.
10. Project participants, designated national authorities (DNAs) and other stakeholders may note the following upcoming deadlines:
 - (a) The deadline for the submission of proposed new methodologies to be considered at SSC WG 50 (i.e. eight weeks prior to the meeting) will be decided at EB 87 and accordingly updated on the public website at:
<<http://cdm.unfccc.int/Projects/pac/howto/CDMProjectActivity/NewMethodology/index.html>>;
 - (b) The deadline for the submission by DNAs of proposed technologies for automatic additionality under the microscale additionality guidelines, to be considered at SSC WG 50 (i.e. four weeks prior to the meeting) will be decided at EB 87 and accordingly updated on the public website at:
<<http://cdm.unfccc.int/DNA/submissions/index.html>>;
 - (c) The deadline for the submission of requests for revision to be considered at SSC WG 50 (i.e. eight weeks prior to the meeting) will be decided at EB 87 and accordingly updated on the public website at:
<<http://cdm.unfccc.int/Projects/pac/howto/CDMProjectActivity/NewMethodology/Revisions/index.html>>;
 - (d) The deadline for the submission of requests for clarification to be considered at SSC WG 50 (i.e. six weeks prior to the meeting) will be decided at EB 87 and accordingly updated on the public website at:
<<http://cdm.unfccc.int/Projects/pac/howto/CDMProjectActivity/NewMethodology/Clarifications/index.html>>.

Agenda item 3. Regulatory matters

Agenda item 3.1. Standards/tools

11. The SSC WG recommended that the Board take note that the status of the work undertaken as part of the project “Further development of the standardized baselines framework” (management plan (MAP) project 110) is “work-in-progress” (WIP). The Board approved the identified sectors for development of standards for standardized

baselines, i.e. energy-efficient appliances for residential application (e.g. air conditioners, refrigerators) and energy efficiency in buildings, at EB 85 (EB 85 report, para. 39). The work has been and continues to be time-consuming, given the diversity of the sources of information from various stakeholders that needs to be considered and the requirement for field data for these two project types. The work will continue to be considered by the SSC WG at a future meeting, covering:

- (a) Methodological framework for the development of standardized baseline for “Energy efficient appliances for residential application”, such as air conditioners, refrigerators;
- (b) Methodological framework for the development of standardized baseline for “Energy efficiency in buildings”.

Agenda item 3.1.1. Consideration of proposed standardized baselines

- 12. 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.
- 13. 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.
- 14. The SSC WG considered the proposed new standardized baselines in table 2 below, as well as external expertise received, where applicable.

Table 2. Status of submissions for proposed standardized baselines

Submission	Title	Status/recommendation	Paragraph
TSB-0002	Brick sector emission factor for Peru	work-in-progress (WIP)	16

- 15. The SSC WG recommended that the Board take note that the status of the draft new standardized baseline “TSB-0002: Brick sector emission factor for Peru” is work-in-progress. The SSC WG prepared guidance to perform baseline tests to determine the energy consumption of baseline kilns at nominal operating conditions. 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 KfW).

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

- 16. 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 will be made available on the UNFCCC CDM website at:
<<http://cdm.unfccc.int/methodologies/SSCmethodologies/pnm>>.

17. 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>>.
18. The SSC WG considered the proposed and top-down developed 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 developed new methodological standards/tools

Submission/ mandate	Title	Status/ recommendation ¹	Paragraph/annex
SSC WG workplan (Project no. 244)	AMS-XX: Solar power for domestic aircraft at-gate operations	To approve	paragraph 20 / annex 1
SSC WG workplan (Project no. 244)	Integrated methodology for rural electrification combining grid connected and captive generation including grid extension to users	work-in-progress (WIP)	paragraph 21

19. The SSC WG recommended that the Board approve the top-down developed new methodology “AMS-I.XXX: Solar power for domestic aircraft at-gate operations” for the aviation sector, as contained in annex 1. The methodology was developed under project 244 “Top down development of Methodologies/Standardized baselines and tools” and included in the SSC WG workplan for 2015. The proposed new methodology includes:
 - (a) Determination of the amount of electricity generated by the new solar photovoltaic installations at airports to supply electricity and preconditioned air for domestic flights during at-gate operations which were previously supplied externally by: i) grid/captive power, ii) ground power units (fixed and mobile, including fuel consumption units) and iii) the internal auxiliary power unit of the aircraft;
 - (b) Identification of the most plausible baseline scenarios and proposes options to determine the baseline emission factor based on historical averages taking into account specific circumstances of the airport’s operation;
 - (c) Introduction of a default emission factor for electricity generated in the auxiliary power units.
20. The SSC WG recommended that the Board take note that it continued exploring innovative alternative ways of quantifying emission reductions for electrification project

activities through further broadening the scope of “AMS-III.BL: Integrated methodology for electrification of communities” and/or top-down development of a new methodology. The work is conducted under MAP project 244 “Top down development of Methodologies/Standardized baselines and tools” and part of the SSC WG workplan for 2015 to develop an “Integrated methodology for rural electrification combining grid connected and captive generation including grid extension to users”. The SSC WG will continue considering this issue again at a future meeting.

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

21. The SSC WG considered 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
SSC WG workplan	AMS-II.C AMS-II.J	Inclusion of consistent methods and provision of more flexibility to project proponents to determine the usage hours of lighting equipment in a conservative manner (EB 85, para. 56) :	Call for public input	paragraph 23 (a)+(b) / Annex 2, 3, 4
SSC WG workplan	AMS-III.AJ AMS-III.AB	Review and revision of existing provisions for programmes of activities in small-scale methodologies	AMS-III.AJ: Call for public input AMS-III.AB: Work-in-progress	paragraph 24 / Annex 4 paragraph 22
SSC WG workplan	AMS-I.E	Inclusion of a default value for woody biomass consumption	Call for public input	paragraph 25 / Annex 5

22. The SSC WG recommended that the Board take note that it concluded its consideration of the top-down revision of the methodology “AMS-III.AB: Avoidance of HFC emissions in Standalone Commercial Refrigeration” carried out under the review and revision of

existing provisions for programmes of activities (PoAs) in small-scale methodologies (EB 68 report, para. 90). However, the SSC WG will continue to consider the case at a future meeting to address the mandate received from the Board at EB 85 (EB 85 report, para. 39) regarding the consideration of baseline and/or project emissions from refrigerants used in refrigeration and air-conditioning equipment.

Agenda item 3.1.4. Global stakeholder consultation/call for public input

23. The SSC WG recommended that the Board take note of the draft revisions of the following methodologies. The SSC WG requested that the secretariat make the draft methodologies publicly available for global stakeholder consultation. The revisions are based on the request by the Board (EB 85 report, para. 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”. The inputs will be taken into account when preparing the draft methodologies to be recommended to the Board at a future meeting.
- (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 8.0 hours/day 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.
24. The SSC WG recommended that the Board take note of the draft top-down revision of “AMS-III.AJ: Recovery and recycling of materials from solid wastes”, as contained in annex 4 to this report. The SSC WG requested that the secretariat make the draft methodology publicly available for global stakeholder consultation. This work is carried out under the review and revision of existing PoA provisions in small-scale methodologies (EB 68 report, para. 90). The draft revision of the methodology:
- (i) Removes restrictions for application of the methodology in a PoA;
 - (ii) Clarifies the requirements related to leakage emissions.
25. The SSC WG recommended that the Board take note of the draft revision of “AMS-I.E: Switch from non-renewable biomass for thermal applications by the user”, as contained in annex 5 to this report. The SSC WG requested that the secretariat make the draft methodology publicly available for global stakeholder consultation. The revision was carried out as a continuation of the work to develop a top-down default value for baseline fuelwood consumption. The inputs will be taken into account when preparing the draft

methodology to be recommended to the Board at a future meeting. The draft revision of the methodology:

- (i) Simplifies and streamlines the requirements for determination of the baseline fuelwood consumption (e.g. inclusion of a default value for baseline fuelwood consumption per person);
- (ii) Improves monitoring provisions.

Agenda item 3.1.5. Consultation on issues related to methodological standards

- 26. The SSC WG recommended that the Board take note that it provided feedback on the digitized methodology specific project design document (PDD) forms covering three methodologies “AMS-II.J Demand-side activities for efficient lighting technologies”, “AMS-III.AR Substituting fossil fuel based lighting with LED/CFL lighting systems” and “AMS-I.L Electrification of rural communities using renewable energy”, respectively. The SSC WG endorses the approach and work undertaken by the secretariat in mapping and integrating the methodology-related requirements into the Excel-based tools and the Word-based templates across the three methodologies. The work has been undertaken in response to the mandate received from the Board at EB 81 (EB 81 report, para. 51) and in accordance with the mandate from the Board at EB 82 (EB 82 report, annex 8; MAP project 223) originating from a request from the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol (CMP) (decision 4/CMP.10, para. 15).
- 27. The SSC WG recommended that the Board take note that it provided input to the secretariat on concept notes for the following new top-down methodologies, developed under project 244 “Top down development of Methodologies/Standardized baselines and tools”:
 - (a) “Integrated mitigation actions in agriculture combining efficient water pumps, more efficient use of fertilizers, efficient animal husbandry”;
 - (b) “Integrated methodology for household thermal energy efficiency measures (cook stoves, solar water heater, water purification and heating)”.
- 28. The SSC WG recommended that the Board take note that it provided input to the secretariat on the improvement of monitoring standards for small-scale methodologies. This work has been undertaken based on a mandate from the Board at EB 78 on simplification of monitoring in small-scale and large-scale methodologies to reduce transaction costs and the workplan of project 223: “Simplification of methodologies including digitization to reduce transaction costs” (EB 82 report, annex 8).
- 29. The SSC WG recommended that the Board take note that it provided inputs to the secretariat on the issue of “Indirect leakage emissions in CDM projects”. This work is based on a mandate given by the Board at EB 85 (EB 85, para. 45), when considering a concept note on the broadening of the applicability of the CDM with regard to the development of methodologies for biofuel activities.

Agenda item 3.1.6. Other issues

- 30. The SSC WG recommended that the Board take note that it initiated work on exploring “Broadening of the applicability of the CDM for biofuel activities” and “Broadening of the applicability of the existing biodiesel methodology to cover bio-ethanol, bio-methanol and

biogas” to expand methodologies beyond captive fleets and provide default emission factors for more energy crops and provided input to the secretariat. The work is based on a mandate provided by the Board at EB 85 (EB 85 report, para. 44).

31. The SSC WG recommended that the Board take note that it initiated a discussion to assess the feasibility of merging the methodological tools “Demonstration of additionality of small-scale project activities”, and “Demonstrating additionality of microscale project activities”. The SSC WG agreed to continue the work on the issue and make a recommendation to the Board at a future meeting. The work is based on the approved SSC WG workplan for 2015 (EB 82 report, annex 2) and the mandate received from the Board at EB 85 (EB 85 report, para. 42) and includes:
 - (a) Harmonizing automatic additionality provisions across these methodological tools by avoiding potential redundancy/overlap;
 - (b) Further clarifying terms such as “isolated units”, “independent subsystems/measures”, “communities”, “off-grid project activity” and “distributed energy generation” across these methodological tools;
 - (c) Assessing criteria other than unit size to establish positive lists.
32. The SSC WG recommended that the Board consider the analysis and recommendation for the graduation of the positive list of technologies under the small-scale additionality tool, as contained in annex 6 to this report. The SSC WG recommended that the current positive list be retained. The work is included in the SSC WG workplan for 2015 and based on a mandate provided by the Board at EB 77 (EB 77 report, para. 63) that the SSC WG shall reassess the positive list every three years and recommend modifications to the Board where necessary.
33. The SSC WG recommended that the Board take note that in the context of the mandate to work on the development of guidelines for the submission and consideration of country-specific positive lists of technologies proposed by DNAs (EB 77 report, para. 63), the SSC WG took into account further guidance provided by the Board at EB 78 (EB 78 report, para. 32) that baseline and additionality issues, which take into account regional circumstances are still being addressed under the work programme for standardized baselines and there is no need to replicate the work under other workstreams. The SSC WG thus agreed to continue providing inputs on the improvement of the regulatory documents relating to standardized baselines and noted that no further separate work is required under the EB 77 mandate.
34. The SSC WG recommended that the Board take note that it provided input to the secretariat on the development of a workplan on the assessment of the possibility and potential implications of introducing new approaches for additionally and changes to the existing additionally provisions. The work is based on a mandate and guidance provided by the Board at EB 85 (EB 85 report, paras. 37 and 38).

Agenda item 4. Conclusion of the meeting

Agenda item 4.1. Adoption of the meeting report

35. The SSC WG adopted the report and concluded its 49th meeting. The report and annexes will be made available on the UNFCCC website.

Agenda item 4.2. Closure of the meeting

36. Mr. Dayo, serving as the Chair, closed the meeting.

Annexes to the report

Annexes to the external report of the forty-ninth meeting of the Small-Scale Working Group

- Annex 1 - Draft new methodology “AMS-I.XXX: 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 - Draft revision of “AMS-III.AJ: Recovery and recycling of materials from solid wastes”
- Annex 5 - Draft revision of “AMS-I.E: Switch from non-renewable biomass for thermal applications by the user”
- Annex 6 - Information note: “Analysis and recommendation for graduation and expansion of positive list under small scale additionality tool”.

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Document information

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