CLEAN DEVELOPMENT MECHANISM

CDM-SSCWG48

Meeting report

Small-Scale Working Group forty-eighth meeting

Version 01.0

Date of meeting: 22 to 25 June 2015

Place of meeting: Bonn, Germany

United Nations
Framework Convention on
Climate Change

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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 the Chair of the SSC WG and all members attended the meeting from 22 to 25 June 2015. The SSC WG also noted that the Vice-Chair, Mr. Washington Zhakata, did not attend the meeting. Mr. Zhakata provided proper justification for not attending the meeting.

Table 1. Attendance list

Chair	Members
Ms. Diana Harutyunyan (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 with one amendment to exclude the proposed draft new methodology NM096. The amendment was undertaken to accommodate the request by the proponent seeking more time to respond to queries raised by the working group in its last meeting. This agenda item will be taken up in a future meeting provided the additional information is submitted by the proponent.

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. Mr. Perczyk briefed the SSC WG on the outcome of the 67th meeting of the Methodologies Panel (MP 67).

7. The SSC WG took note of an update on editorial revisions, desk reviews, consultancies, fast-track clarifications 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.

8. Since its last meeting, the SSC WG had agreed via electronic consultation to launch calls for public input on the draft revisions of "AMS-II.G: Energy efficiency measures in thermal applications of non-renewable biomass" and "AMS-III.AV: Low greenhouse gas emitting safe drinking water production systems". The report of the electronic consultation is available at <https://cdm.unfccc.int/Panels/ssc_wg/index.html>

Agenda item 2.3.1. Upcoming deadlines of relevance to stakeholders

9. The SSC WG noted that SSC WG 49 is scheduled for 29 September to 2 October 2015.

10. Project participants, designated national authorities (DNAs) and other stakeholders may note the following upcoming deadlines:

    (a) The deadline for requests for approval of the application of multiple methodologies to a programme of activities (PoA) to be considered at SSC WG 49 is 1 September 2015, 24:00 GMT (i.e. four weeks prior to the meeting) <https://cdm.unfccc.int/public_inputs/ProgrammeOfActivities/index.html>;

    (b) The deadline for the submission of proposed new methodologies (PNMs) to be considered at the SSC WG 49 is 5 August 2015, 24:00 GMT (i.e. eight weeks prior to the meeting) <http://cdm.unfccc.int/Projects/pac/howto/CDMProjectActivity/NewMethodology/index.html>;

    (c) The deadline for the submission by DNAs of proposed technologies for automatic additionality under the microscale additionality guidelines, to be considered at SSC WG 49 is 1 September 2015, 24:00 GMT (i.e. four weeks prior to the meeting) <http://cdm.unfccc.int/DNA/submissions/index.html>;

    (d) The deadline for the submission of requests for revision to be considered at SSC WG 49 is 18 August 2015, 24:00 GMT (i.e. six weeks prior to the meeting) <http://cdm.unfccc.int/Projects/pac/howto/CDMProjectActivity/NewMethodology/Revisions/index.html>;

    (e) The deadline for the submission of requests for clarification to be considered at SSC WG 49 is 18 August 2015, 24:00 GMT (i.e. six weeks prior to the meeting) <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 CDM Executive Board (the Board) take note that it considered the draft concept note on the "Development of two standards with a methodological framework for two specific project types". The SSC WG provided input

on the concept note prepared by the secretariat. This work is being undertaken as part of the project "Further development of the standardized baselines framework" (MAP project 110). The SSC WG agreed that the following project types may be selected to initiate the work:

(a) Energy-efficient appliances for residential application such as air conditioners, refrigerators, washing machines;

(b) Building energy efficiency.

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 clean development mechanism (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
PSB0028	Standardised Baseline for Institutional Cook stoves in Uganda	Forward for the approval of the Board	15
TSB-0002	Brick sector emission factor for Peru	Forward for the approval of the Board	16
TSB-0003	Baseline woody biomass consumption for cookstoves in Burundi	Forward for the approval of the Board	17

15. The SSC WG recommended that the Board take note that it recommended to approve the proposed standardized baseline "PSB0028: Standardised Baseline for Institutional Cook stoves in Uganda" and that the secretariat forward it for consideration by the Board, after receiving agreement from DNA of Uganda. The proposed standardized baseline was considered for the first time by the SSC WG. This standardized baseline provides the values of the baseline woody biomass consumption and the value of the efficiency for the baseline cookstove in Uganda, and it shall be used in conjunction with AMS-I.E and AMS-II.G by project participants of CDM project activities/PoAs.

16. The SSC WG recommended that the Board take note that it recommended to approve the standardized baseline developed through top-down process "TSB-0002: Brick sector emission factor for Peru" and that the secretariat forward it for consideration by the Board, after receiving agreement from DNA of Peru. The work on this standardized baseline was conducted under the CDM management plan (MAP) project 110, included in the approved workplan of the SSC WG for 2015, to support to the development of six standardized baselines. The standardized baseline was considered for the second time by the SSC WG. This standardized baseline provides the values of the emission factors for brick production in Peru, and it shall be used in conjunction with AMS-III.Z by project participants of CDM project activities/PoAs. Please also see paragraph 24(e) (revision of AMS-III.Z).

17. The SSC WG recommended that the Board take note that it recommended to approve the standardized baseline developed through top-down process "TSB-0003: Baseline woody biomass consumption for cookstoves in Burundi" and that the secretariat forward it for consideration by the Board, after receiving agreement from DNA of Burundi. The work on this standardized baseline was conducted under the MAP project 110, included in the approved workplan of the SSC WG for 2015, to support the development of six standardized baselines. The proposed standardized baseline was considered for the first time by the SSC WG. This standardized baseline provides the values of the baseline woody biomass consumption in Burundi, and it shall be used in conjunction with AMS-I.E and AMS-II.G by project participants of CDM project activities/PoAs.

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

18. 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>.

19. 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>.

20. 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 top-down developed new methodological standards/tools

Submission/ mandate	Title	Status/ recommendation[1]	Paragraph/annex
SSC-NM099	Integrated methodology for rural electrification	Recommended for approval	paragraph 21
SSC WG workplan (Project no. 244)	Integrated methodology for rural electrification combining grid connected and captive generation including grid extension to users	Covered in NM099	paragraph 22
SSC WG workplan (Project no. 244)	Renewable energy methodologies applicable to the aviation sector (e.g. use of solar power for at-gate-aircraft)	Call for public input	paragraph 28

21. The SSC WG recommended that the Board approve the proposed new methodology "SSC-NM099: Integrated methodology for electrification of communities", as contained in annex 1. The methodology was considered by the SSC WG for the second time. The proposed methodology aims to:

    (a) Integrate approaches from approved methodologies namely: AMS-I.F- "Renewable electricity generation for captive use and mini-grid", AMS-I.L: "Electrification of rural communities using renewable energy", AMS-III.BB: "Electrification of communities through grid extension or construction of new mini-grids";

    (b) Broaden the coverage of small-scale methodologies for electrification (based on a gap analysis);

    (c) Provide simplified and flexible monitoring procedures to reduce transaction costs without compromising environmental integrity;

    (d) Integrate the deliverable under CDM MAP 2015 project 244 (see concept note pertaining to the product "Integrated Rural Electrification Methodology)".[1] See also paragraph 22 below.

[1] See para. 35 of EB 82, annex 11 - Concept note: Development of new methodologies to broaden the applicability of CDM available at <http://cdm.unfccc.int/Meetings/MeetingInfo/DB/C1REFM4G0ZT6K8P/view> and see also page 32 of annex 2, EB 82 "Workplan of panels and working groups for 2015 (version 01.0)" available at <http://cdm.unfccc.int/EB/index.html>.

22. The SSC WG recommended that the Board take note that elements of the work to develop a top-down new methodology on "Integrated methodology for rural electrification combining grid connected and captive generation including grid extension to users" under project 244 "Top-down development of methodologies/standardized baselines and tools" have been taken into account in "NM099: Consolidated methodology for rural electrification" (please see paragraph 21 above). The SSC WG agreed to continue exploring innovative alternative ways of quantifying emission reductions at the aggregated level. This will be recommended at a future meeting.

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

23. 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
SSC WG workplan	AMS-II.G AMS-III.AV	Simplification in monitoring in small-scale methodologies	To approve	Paragraph 24 (a) + (b) /Annex 2 and 3
SSC WG workplan	AMS-III.AG, AMS-III.AH	Revision of small-scale fuel switching methodologies ; simplifying requirements related to emission reductions and improve consistency across all fuel switching methodologies	To approve	Paragraph 24 (c) + (d) /Annex 4 and 5

Issue	AMS	Mandate	Status/ recommendation	Paragraph/annex
SSC WG workplan	AMS-III.Z.	Top-down revision to make the methodology applicable in conjunction with the new top-down developed standardized baseline TSB0002 for brick sector in Peru	To approve	Paragraph 24 (e) / Annex 6
SSC WG workplan	AMS-III.D AMS-III.H	Top-down revision to include non-binding best practice examples in the methodologies	Call for public input	Paragraph 29 (a) + (b) / Annex 10 and 11
Board request (EB 68 report, para. 97)	AMS-III.O, AMS-III.U	Analysis of existing PoA provisions in small-scale methodologies (continuation of work from 2014, EB 68 report, para. 97)	To approve	Paragraph 24 (f) + (g) / Annex 7 and 8
EB 83, para. 44	various	Revision of methodologies to refer to the revised methodological tool “Project and leakage emissions for biomass” (EB 83 report, para. 44)	Work-in-progress	Paragraph 27

24. The SSC WG recommended that the Board approve the following revised draft small-scale methodologies:

(a) "AMS-II.G: Energy efficiency measures in thermal applications of non-renewable biomass", as contained in annex 2. This work is carried out under project 223: "Simplification of methodologies including digitization to reduce transaction costs", as included in the workplan for the SSC WG for 2015 (EB 82, annex 2). The draft revision includes:

(i) Issues related to scope, applicability and definition of "Batch";

(ii) Simplification of emission reduction calculation and inclusion of another option - Thermal Energy Output (TEO) to calculate baseline emissions;

(iii) Minor changes to simplify Option 2: kitchen performance test (KPT), Option 3: water boiling test (WBT) and Option 4: controlled cooking test (CCT) to calculate baseline emissions;

(iv) Issues related to loss of efficiency of the project devices;

(v) Issues related to the monitoring methodology.

(b) "AMS-III.AV: Low greenhouse gas emitting safe drinking water production systems", as contained in annex 3. This work is carried out under project 223: "Simplification of methodologies including digitization to reduce transaction costs", as included in the workplan for the SSC WG for 2015 (EB 82, annex 2). The draft revision includes:

(i) Simplified/improved calculation of baseline emissions, such as:

a. Improvements in the methods to determine the quantity of purified water (QPWy);

b. Introduction of new parameters, in particular, to account for: (a) fraction of functional appliances that are meeting the standards for safe drinking water (SDW), (b) fraction of the population serviced by the project activity for which the common practice of water purification is or would have been water boiling; and (c) actual proportions of baseline fuel (non-renewable biomass and/or fossil fuels) used in the absence of the project activity;

(ii) Introduction of other monitored parameters to ensure claiming of emission reductions, such as:

a. Lifespan of water treatment technologies;

b. Quality of safe drinking water;

c. Installation of a SDW public distribution network;

(c) "AMS-III.AG: Switching from high carbon intensive grid electricity to low carbon intensive fossil fuel", as contained in annex 4. This work has been carried out under the mandate for "Simplification of methodologies including digitization to reduce transaction costs" (MAP project 223), included in the 2015 workplan of the SSC WG (EB 82, annex 2) with the aim of simplifying requirements related to

emission reductions and to improve consistency across all fuel switching methodologies. The draft revision includes:

(i) Provisions to allow the use of multiple fossil fuels in the project given that the primary project fossil fuel is low carbon intensive fuel;

(ii) Streamlined procedure for greenfield project activities;

(iii) Elaboration of monitoring requirements;

(d) "AMS-III.AH: Shift from high carbon intensive fuel mix ratio to low carbon intensive fuel mix ratio", as contained in annex 5. This work has been carried out under the mandate for "Simplification of methodologies including digitization to reduce transaction costs" (MAP project 223), included in the 2015 workplan of the SSC WG (EB 82, annex 2) with the aim of simplifying requirements related to emission reductions and to improve consistency across all fuel switching methodologies. The draft revision includes:

(i) A simplified monitoring procedure for project activities where the energy output cannot be directly measured;

(ii) Simplified monitoring and baseline emissions estimation procedures for element processes with annual emission reductions of less than or equal to 600 tonnes of carbon dioxide;

(e) "AMS-III.Z: Fuel Switch, process improvement and energy efficiency in brick manufacture" as contained in annex 6. The revision was done in conjunction with the development of the standardized baseline for the brick sector in Peru (TSB0002). The top-down development of standardized baselines is part of project 110 of the MAP for 2015. The work is included in the workplan for the SSC WG for 2015 (EB 82, annex 2). The draft revision includes:

(i) Provisions to allow non-renewable biomass as baseline and project fuel;

(ii) Minor change in the equation to allow the substitution of parameter on specific energy consumption by a sector-specific standard value;

(f) "AMS-III.O.: Hydrogen production using methane extracted from biogas". The draft revision is proposed under the ongoing work by the SSC WG in addressing the Board's guidance to make all methodologies applicable to PoAs. The SSC WG noted that AMS-III.O refers to AMS-III.G and AMS-III.H for estimation of emission reductions including leakage estimation, thus the issues related to leakage for a PoA application are already considered. The draft revision as contained in annex 7 removes the restriction for the application of the methodology in PoAs;

(g) "AMS-III.U.: Cable Cars for Mass Rapid Transit System (MRTS)". The draft revision is proposed under the ongoing work by the SSC WG in addressing the Board's guidance to make all methodologies applicable to PoAs. The SSC WG noted that the issues related to leakage estimation were already addressed under the leakage section of the methodology and thus further guidance is not required in case of application of this methodology for a PoA. The draft revision as contained in annex 8 removes the restriction for the application of the methodology in PoAs.

25. The SSC WG, while developing the non-binding best practice examples in approved methodology "AMS-III.H: Methane recovery in wastewater treatment" agreed to recommend that the Board provide a mandate to the SSC WG to revise the methodological tool "Project emissions from flaring" to include non-binding best practice examples. The tool is referred to in approved methodology AMS-III.H.

26. The SSC WG agreed to recommend that the Board provide a mandate to the SSC WG to propose revisions to methodologies AMS-II.C and/or AMS-II.J. This is because the SSC WG is receiving submissions (e.g. clarification requests, requests for input on post-registration change requests) requesting broader application of default conservative thresholds indicated in AMS II.J (i.e. 3.5 hours of utilization/day) in the context of residential and commercial efficient lighting applications. The SSC WG noted that there are constraints in both the methodologies referred above, that is AMS-II.J is not applicable to commercial facilities while AMS-II.C does not include default values. Inclusion of consistent methods provides more flexibility to project proponents while ensuring environmental integrity, i.e. the "picking and choosing" of some elements of a methodology will be avoided.

27. The SSC WG recommended that the Board take note that the SSC WG, following the mandate given by the Board at EB 83 (EB 83 report, para. 44), started work on the revision of small-scale methodologies to include the reference to the methodological tool "Project and leakage emissions for biomass" in small-scale methodologies and will continue this work at a future meeting.

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

28. The SSC WG recommended that the Board take note of the draft new top-down methodology "SSC_xx: Solar power for at-gate-aircraft", as contained in annex 9. This work is based on project 244 "Top-down development of methodologies/standardized baselines and tools" of the MAP 2015 and is included in the workplan for panels and working groups for 2015 (EB 82 report, annexes 2 and 7). The SSC WG requested that the secretariat make the draft methodology publicly available for global stakeholder consultation. The inputs will be taken into account when preparing the draft methodology to be recommended to the Board at a future meeting. The draft new methodology includes:

    (a) Determination of the amount of electricity generated by the new solar photovoltaic installations at airports to supply electricity and pre-conditioned air for domestic flights for at-gate operations which were previously supplied externally by the grid/captive power, ground power units (fixed and mobile, including fuel consumption units) and the internal auxiliary power unit of the aircraft;

    (b) Options to determine the baseline emission factor based on historical averages taking into account specific circumstances of the airports operation;

29. The SSC WG recommended that the Board take note of the draft revision of the following methodologies. The SSC WG requested that the secretariat make the draft methodologies publicly available for global stakeholder consultation. The inputs will be taken into account when preparing the draft methodologies to be recommended to the Board at a future meeting.

(a) "AMS-III.D: Methane recovery in animal manure management systems", as contained in annex 10. The revision was carried out in response to the mandate received from the Board at EB 83 (EB 83 report, para. 32; MAP project 223) to include non-binding best practice examples in methodologies;

(b) "AMS-III.H: Methane recovery in wastewater treatment", as contained in annex 11. The revision was carried out in response to the mandate received from the Board at EB 83 (EB 83 report, para. 32; MAP project 223) to include non-binding best practice examples in methodologies.

Agenda item 3.1.5. Submissions of requests for clarification

30. The SSC WG considered submissions requesting clarifications to approved small-scale methodologies. The detailed responses provided by the SSC WG are made publicly available at: <http://cdm.unfccc.int/methodologies/SSCmethodologies/clarifications>.

31. The SSC WG recommended that the Board approve the responses prepared for requests for clarification to approved small-scale methodologies and as available on the UNFCCC CDM website for cases specified as "clarified" in table 5 below.

Table 5. Request for clarification

Submission no.	AMS	Title of the request	Status	Paragraph
SSC_719	AMS-III.AR	SSC_719: Clarification on the definition of LED based lighting system under AMS-III.AR	Clarified	paragraph 32

32. In response to the submission SSC_719, requesting clarification on the interpretation of the definition of a "project lamp" in the methodology AMS-III.AR v05, the SSC WG agreed to clarify that in the context of the methodology referred to, when the LED/CFL lighting system has more than one LED/CFL lamp connected to a single rechargeable battery system, every LED/CFL lamp should be considered as one project lamp.

Agenda item 3.1.6. Consultation on issues related to methodological standards

33. The SSC WG recommended that the Board take note that the SSC WG received an update on the current status of the work on digitized methodology-specific project design document (PDD) forms covering three methodologies and how the requirements related to the compliance with the existing CDM standards are met. 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).

34. 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 "Development of new methodologies to broaden the applicability of the CDM":

(a) Broadly applicable highly useable methodology for biofuel applications;

(b) Methodology for integrated mitigation action at the city level;

(c) Broadly applicable highly useable methodology for transport applications.

35. The SSC WG recommended that the Board take note that it started initial discussions on the following new-top down methodologies, developed under project 244 "Development of new methodologies to broaden the applicability of the CDM":

(a) Integrated methodology for household thermal energy efficiency measures (cookstoves, solar water heater, water purification and heating);

(b) Integrated mitigation actions in agriculture combining efficient water pumps, more efficient use of fertilizers, efficient animal husbandry;

36. The SSC WG recommended that the Board take note that it provided inputs to the secretariat on the following product under project 244 "Development of new methodologies to broaden the applicability of the CDM":

"Support the development of grid emission factors for countries where the grid emission factors are not currently published by the DNA".

Agenda item 3.1.7. Consideration of requests for approval of post-registration changes

37. 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 post-registration change:

PRC-5927: "Promotion of energy-efficient lighting using compact fluorescent light bulbs in rural areas in Senegal" and provided input to the secretariat.

Agenda item 3.1.8. Other Issues

38. The SSC WG recommended that the Board take note that it considered a concept note on the analysis pertaining to redefining microscale thresholds at unit level rather than at the component project activity (CPA) level and provided feedback to the secretariat. The work is conducted in response to the CMP mandate in decision 4/CMP.10, paragraph 18, and included in the SSC WG workplan for 2015.

39. The SSC WG recommended that the Board take note that the work by the SSC WG and secretariat to propose an expansion of the positive list will be continued at a future meeting together with the work on the reassessment of the validity/graduation of the current positive list of technologies. The work is conducted in response to the request by the Board (EB 77 report, para. 63) and included in the SSC WG workplan for 2015.

40. The SSC WG recommended that the Board take note that it provided feedback to the secretariat on the concept note on review of additionality provisions. This work is based on a request by the Board, at EB 82 (EB 82 report, para. 41) and as part of the approved workplan of panels and working groups for 2015 (EB 82 report, annex 2).

Agenda item 3.2. Guidelines

Agenda item 3.2.1. Global stakeholder consultation/call for public input on guidelines

41. The SSC WG recommended that the Board take note of the draft revision of the sampling standard/guidelines to include guidelines on conducting surveys, as contained in annex 12 and annex 13. The SSC WG requested that the secretariat make the draft revised standard/guidelines publicly available for global stakeholder consultation. The inputs will be taken into account when preparing the draft sampling standard/guidelines to be recommended to the Board at a future meeting. This work is based on the approved workplan of panels and working groups for 2015 (EB 82 report, annex 2) and the workplan of the project "Simplification of methodologies including digitization to reduce transaction costs" (EB 82 report, annex 8).

Agenda item 4. Conclusion of the meeting

Agenda item 4.1. Adoption of the meeting report

42. The SSC WG adopted the report and concluded its 48th meeting. The report and annexes will be made available on the UNFCCC website.

Agenda item 4.2. Closure of the meeting

43. The Chair of the SSC WG closed the meeting.

Annexes to the report

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

Annex 1 - SSC-NM099: Integrated methodology for electrification of communities;

Annex 2 - AMS-II.G: Energy efficiency measures in thermal applications of non-renewable biomass;

Annex 3 - AMS-III.AV: Low greenhouse gas emitting safe drinking water production systems;

Annex 4 - AMS-III.AG: Switching from high carbon intensive grid electricity to low carbon intensive fossil fuel;

Annex 5 - AMS-III.AH: Shift from high carbon intensive fuel mix ratio to low carbon intensive fuel mix ratio;

Annex 6 - AMS-III.Z: Fuel Switch, process improvement and energy efficiency in brick manufacture;

Annex 7 - AMS-III.O: Hydrogen production using methane extracted from biogas;

Annex 8 - AMS-III.U: Cable Cars for Mass Rapid Transit System (MRTS);

Annex 9 - AMS-xx: Solar power for at-gate-aircraft;

Annex 10 - AMS-III.D: Methane recovery in animal manure management systems;

Annex 11 - AMS-III.H: Methane recovery in wastewater treatment;

Annex 12 - Draft Standard “Sampling and surveys for CDM project activities and programme of activities”;

Annex 13 - Guideline “Sampling and surveys for CDM project activities and programmes of activities”.

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Document information

Version	*Date*	*Description*
01.0	3 July 2015	SC WG 48 meeting report. Initial publication.

Decision Class: Operational
Document Type: Meeting report
Business Function: Governance
Keywords: reporting, procedures, SSC WG