

CDM-MP68

Meeting report

Methodologies Panel sixty-eighth meeting

Version 01.0

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Agenda item 1. Agenda and meeting organization

Agenda item 1.1. Opening

1. The Vice-Chair of the Methodologies Panel (MP), Mr. Frank Wolke, opened the meeting.
2. The MP noted that the Chair, Mr. Hugh Sealy, and new member Ms. Julie Godin were unable to attend the meeting. Both provided proper justification for their absence. The MP expressed its deep appreciation to the outgoing member Mr. Christiaan Vrolijk for his contributions to the work of the panel.

Table 1. Attendance list

Chair/Vice-Chair	Members
Mr. Frank Wolke (Vice-Chair)	Mr. Amr Osama Abdel-Aziz
	Mr. Ambachew Admassie
	Mr. Jean-Jacques Becker
	Mr. Luis Alberto De La Torre
	Mr. Daniel Perczyk
	Mr. Braulio Pikman
	Mr. Sudhir Sharma
	Ms. Jessica Wade-Murphy
	Mr. Kenichiro Yamaguchi

Agenda item 1.2. Adoption of the agenda

3. The MP adopted the agenda of the meeting.

Agenda item 2. Governance and management matters

Agenda item 2.1. Membership issues

4. The MP considered information provided by members and the Vice-Chair with respect to any potential conflict of interest. Statements on conflict of interest can be viewed on the UNFCCC clean development mechanism (CDM) website at:
<<https://cdm.unfccc.int/Panels/meth/index.html>>.

Agenda item 2.2. Performance management

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

Agenda item 2.3. Matters related to the MP

6. The Vice-Chair briefed the MP on the outcome of the eighty-fifth meeting of the CDM Executive Board (hereinafter referred to as the Board) (EB 85).
7. Mr. Daniel Perczyk presented an update from the electronic decision-making of the Small-Scale Working Group (SSC WG), SSC WG 49-EC01, and an update on the

outcomes of SSC WG 48 and SSC WG 49 outlining the main actions and recommendations of relevance to the MP.

8. The MP noted the satisfactory conclusion of consultancy work on simplification of monitoring in methodologies and the satisfactory completion of the desk study undertaken for the proposed new methodology NM0373 "Introduction of a new district cooling system".
9. The MP took note of the overview of the top-down and bottom-up proposed standardized baselines.

Agenda item 2.3.1. Upcoming deadlines of relevance to stakeholders

10. The MP noted that the date for MP 69 is to be decided at EB 87.
11. 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 (PNMs) to be considered at MP 69 (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 of requests for revision to be considered at MP 69 (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>>;
 - (c) The deadline for the submission of requests for clarification to be considered at MP 69 (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

12. The MP recommended that the Board approve the draft revision of the standard "Demonstration of additionality, development of eligibility criteria and application of multiple methodologies for programme of activities", as contained in annex 1. The revision was carried out in response to the mandates received from the Board at EB 81 (EB 81 report, para. 50), EB 82 (EB 82, annex 8; management plan (MAP) project 223) and EB 85 (EB 85 report, para. 46) to enable the "combinations of methodologies that do not require prior approval" for application in programmes of activities (PoAs). The revision includes conditions under which the combinations of large-scale methodologies can be applied without prior approval. In addition, the revision also consolidates the "Guidelines for the consideration of interactive effects for the application of multiple CDM methodologies for a programme of activities" in the standard. Consequently, the MP recommended that the Board withdraw the "Guidelines for the consideration of

interactive effects for the application of multiple CDM methodologies for a programme of activities”.

13. The MP recommended that the Board take note that it initiated work to develop standards with a methodological framework for development of standardized baselines in energy-efficient appliances for residential application such as air conditioners and refrigerators, and energy efficiency in buildings as per the mandate from the Board (EB 85 report, para. 39) as part of the project “Further development of the standardized baselines framework” (MAP project 110). The MP concluded that region-specific field data/information would be required to validate the approaches such as development of default values and/or methodological framework for the above sectors and it may be time-consuming to collect and process the required data addressing the data quality issues. Noting the significant progress made by the secretariat to obtain the data in collaboration with stakeholders, the MP agreed to continue to consider the issue at a future meeting.

Agenda item 3.1.1. Consideration of new large-scale methodologies and tools

14. Information on proposed new large-scale methodologies, their status, case history and final recommendations of the MP to the Board are made available on the UNFCCC CDM website at: <<http://cdm.unfccc.int/methodologies/PAmethodologies/pnm/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/PAmethodologies/pnm>>.
15. 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>>.
16. The MP considered the new methodological standards listed in table 2 below, as well as external expertise and public inputs received, where applicable.

Table 2. Status of consideration of new large-scale methodologies and tools

Submission/mandate	Title of methodology	Status/ recommendation ¹	Paragraph
NM0373	Introduction of a new district cooling system	Preliminary recommendation	17
Top-down methodology (2015 workplan, MAP project 244 – EB 82, annex 7)	AM00XX: Electric taxiing systems for airplanes	A	18

¹ Recommendations from the MP: final recommendations: A (approve the proposed new methodology or methodological tool) and C (reject the proposed new methodology or methodological tool); status of cases: work-in-progress (WIP): cases that are still under consideration; preliminary recommendations: technical clarifications may be requested from the project participants before finalizing a recommendation to the Board.

17. The MP recommended that the Board take note of the preliminary recommendation on the proposed new methodology “NM0373: Introduction of a new district cooling system”. This case was considered for the first time by the MP.
18. The MP recommended that the Board approve the new top-down methodology “AM00XX: Electric taxiing systems for airplanes”, as contained in annex 2. The new methodology is applicable to project activities that implement and operate electric-taxiing (e-taxi) systems in domestic commercial aeroplanes. The new methodology is developed top-down in response to the mandate from the Board at EB 82 (EB 82 report, annex 7; MAP project 244).

Agenda item 3.1.2. Consideration of revisions of large-scale methodologies and tools

19. Information on requests for revision, their status, case history and the final recommendation and responses to the Board by the MP are made publicly available on the UNFCCC CDM website at:
 <<http://cdm.unfccc.int/methodologies/PAmethodologies/revisions/pending>> and
 <<http://cdm.unfccc.int/methodologies/PAmethodologies/tools-revisions/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/PAmethodologies/revisions>> and
 <<http://cdm.unfccc.int/methodologies/PAmethodologies/tools-revisions>>.
20. 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>>.
21. The MP considered the bottom-up and top-down revisions of approved methodologies (AMs) listed in table 3 and table 4 below, as well as external expertise and public inputs received, where applicable.

Table 3. Status of consideration of revisions to large-scale methodological standards/tools

Issue	AM/AT	Title of request	Status/ recommendation	Paragraph
AM_REV_0256	ACM0002 ver.16.0	Revision of ACM0002 to become applicable to geothermal technologies with binary or closed-loop heat exchange systems without accounting for project emissions	WIP	22

Table 4. Status of consideration of revisions to methodological standards

Issue	AM/AT	Mandate	Status/ recommendation	Paragraph
Revision	AM0014	2015 workplan MAP project 223 (EB 82, annex 8)	To approve the new consolidated methodology (consolidate with AM0102)	23(a)
Revision	AM0058	2015 workplan MAP project 223 (EB 82, annex 8)	To approve the proposed revised methodology	23(b)
Revision	AM0082	EB 83, para. 44 - project 223	WIP	29(d)
Revision	AM0102	2015 workplan MAP project 223 (EB 82, annex 8)	To approve the new consolidated methodology (consolidate with AM0014)	23(a)
Revision	ACM0002	EB 83, para. 43 - project 223	Not to revise	26, 27
Revision	ACM0006	EB 83, para. 44 - project 223	Call for public input	33(a)
Revision	ACM0012	EB 83, para. 32 - project 223	To approve the proposed revised methodology	23(c)
Revision	ACM0014	2015 workplan MAP project 223 (EB 82, annex 8)	WIP	29(a) and 43
Revision	ACM0017	EB 85, para. 44	WIP	29(b)
Revision	TOOL05: Electricity tool	2015 workplan MAP project 223 (EB 82, annex 8)	To approve the proposed revised methodological tool	23(d), 24
Revision	TOOL06: Flaring tool	EB 85 report, para. 51; MAP project 223	Call for public input	33(b)
Revision	TOOL07: Grid tool	2015 workplan MAP project 223 (EB 82, annex 8), EB 81, para. 83, EB 83, para. 45	To approve the proposed revised methodological tool	2323(e)
Revision	TOOL08: Mass flow tool	2015 workplan MAP project 223 (EB 82, annex 8)	To approve the proposed revised methodological tool	23(f), 25
Revision	TOOL09: Efficiency tool	2015 workplan MAP project 223 (EB 82, annex 8)	To approve the proposed revised methodological tool	23(g)
Revision	TOOL25: Investment analysis	EB 81 report, para. 62	WIP	29(c)

22. The MP recommended that the Board take note that it could not conclude its consideration of the request for revision AM_REV_0256 regarding “ACM0002: Grid-connected electricity generation from renewable sources” (referred to as a work-in-progress case). The MP agreed to continue to consider the request for revision at a future meeting.

23. The MP recommended that the Board approve the following draft revisions of the methodology(ies)/methodological tool(s) as major revisions:
- (a) “ACM00XX: Fossil fuel based cogeneration for identified recipient facility(ies)”, as contained in annex 3, based on the revision of “AM0014: Fossil fuel based cogeneration for identified recipient facility(ies)” and “AM0102: Greenfield cogeneration facility supplying electricity and steam to a Greenfield Industrial Consumer and exporting excess electricity to a grid and/or project customer(s)”. The revision is being carried out in response to the mandate from the Board at EB 82 (EB 82 report, annex 8; MAP project 223) to simplify the methodology and improve its consistency along with other cogeneration methodologies. At MP 67 the panel requested the secretariat to make the draft consolidated methodology publicly available for global stakeholder consultation for a period of 30 days, starting from 10 July 2015. Two inputs were received;
 - (b) “AM0058: Introduction of a new primary district heating system”, as contained in annex 4. The revision is being carried out in response to the mandate from the Board at EB 82 (EB 82 report, annex 8; MAP project 223) to simplify and streamline methodologies and tools. At MP 67 the panel requested the secretariat to make the draft revised methodology publicly available for global stakeholder consultation for a period of 30 days, starting from 10 July 2015. One input was received. The draft revision:
 - (i) Expands the applicability of the methodology to allow, to a limited extent, the industrial consumers in addition to residential consumers to consume heat supplied by CDM project;
 - (ii) Simplifies baseline emissions calculation and additionality demonstration;
 - (iii) Changes the title to “Introduction of a district heating system”;
 - (c) “ACM0012: Waste energy recovery”, as contained in annex 5. 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. At MP 67 the panel requested the secretariat to make the draft revised methodology publicly available for global stakeholder consultation for a period of 30 days, starting from 10 July 2015. No input was received. The draft revision includes non-binding best practice examples. The MP further clarified the language in the procedure in appendix 1 to the methodology and made appropriate changes;
 - (d) Methodological tool “TOOL05: Tool to calculate baseline, project and/or leakage emissions from electricity consumption”, as contained in annex 6. The revision was carried out in response to the mandate received from the Board at EB 82 (EB 82 report, annex 8; MAP project 223) to simplify monitoring requirements in methodologies. The general method adopted by the MP to analyse the monitoring requirements as well as the result of the research done pertaining to the tool are outlined in an information note “Simplification of monitoring in methodologies”, as contained in annex 18 to the report of MP 67. At MP 67 the panel requested the secretariat to make the draft revised methodological tool and the accompanying information note publicly available for global stakeholder

consultation for a period of 30 days, starting from 10 July 2015. One input was received. The draft revision to the above tool:

- (i) Expands the applicability of the tool to cover baseline emissions from electricity generation;
 - (ii) Provides flexible and objective requirements for monitoring of amount of electricity generation and consumption;
 - (iii) Consolidates and improves the monitoring requirements contained in various methodologies related to amount of electricity generation and consumption;
 - (iv) Simplifies the monitoring requirements based on issues identified through analysis of post-registration changes (PRCs) and review of methodologies;
 - (v) Includes data handling protocol for missing data;
 - (vi) Changes the title to “TOOL05: Baseline, project and/or leakage emissions from electricity consumption and monitoring of electricity generation”;
- (e) Methodological tool “Tool to calculate emission factor of electricity system”, as contained in [annex 7](#). The proposed revision was carried out as per the 2015 workplan of the MP (MAP project 223) and in response to the specific mandates received from the Board at EB 81 (EB 81 report, para. 83) and EB 83 (EB 83 report, para. 45). The revision also took into account public input² and the past clarification issued by the Board (CLA_TOOL_0023). The rationales for the proposed revisions are provided in the “Information note: Analysis and recommendation on the revision of “Tool to calculate emission factor of electricity system” contained in [annex 8](#). The proposed revision, inter alia: i) broadens the application of simplified combined margin (CM) option also in countries that are not least developed countries (LDCs)/small island developing States (SIDS)/underrepresented countries; ii) further clarifies and simplifies criteria for inclusion of off-grid plants for LDCs/SIDS/underrepresented countries; iii) simplifies the procedure to consider inclusion/exclusion of low-cost/must-run power plants including default values for calculating simple adjusted operating margin; and iv) provides diagrams (flow charts, matrix) to illustrate the current provisions of the tool. In response to the specific requests from the Board to explain whether the above-mentioned tool is suitable for application to isolated grid systems (i.e. single isolated systems versus a group of two or more isolated systems), the MP was of the view that the current provisions in the tool are in general compatible with the determination of emission factor of any grid system including isolated grid systems as long as it complies with the definition of grid/project electricity system provided in the tool. The MP also noted that the approved methodologies have specific approaches to determine the baseline emission factor of an isolated grid/system depending on project types and the

² At MP 67, the panel requested the secretariat to make an information note on “Analysis and proposals on the revision of “Tool to calculate emission factor of electricity system” publicly available for global stakeholder consultation for a period of 30 days, starting from 10 July 2015. One input was received. The MP thanked the author for the input. The assessment of the input is provided in appendix 8 to the information note.

characteristics of the isolated grid/system. A simple method entails rigorous applicability criteria and vice versa. A detailed analysis is contained in the above-mentioned information note;

- (f) Methodological tool “TOOL08: Tool to determine the mass flow of a greenhouse gas in a gaseous stream”, as contained in [annex 9](#). The revision was carried out in response to the mandate received from the Board at EB 82 (EB 82 report, annex 8; MAP project 223) to simplify monitoring requirements in methodologies. The general method adopted by the MP to analyse the monitoring requirements as well as the result of the research done pertaining to the tool are outlined in an information note “Simplification of monitoring in methodologies”, as contained in annex 18 to the report of MP 67. At MP 67, the panel requested the secretariat to make the draft revised methodological tool and the accompanying information note publicly available for global stakeholder consultation for a period of 30 days, starting from 10 July 2015. No input was received. The draft revision provides a simplified procedure for mass flow monitoring of methane in biogas;
 - (g) Methodological tool “TOOL09: Tool to determine the baseline efficiency of thermal or electric energy generation systems”, as contained in [annex 10](#). The revision was carried out in response to the mandate received from the Board at EB 81 (EB 81 report, para. 62; MAP project 223) to update the table in the tool containing “default baseline efficiency for different technologies” with efficiency value for biomass and cogeneration technologies, as well as updated values for heat only and electricity generation technologies already in the tool. At MP 67, the panel requested the secretariat to make the draft revised methodological tool publicly available for global stakeholder consultation for a period of 30 days, starting from 10 July 2015. No input was received. The draft revision:
 - (i) Expands the applicability of the tool to include cogeneration technologies;
 - (ii) Includes default values for cogeneration and biomass technologies;
 - (iii) Changes the title to “Determining the baseline efficiency of thermal or electric energy generation systems”.
24. While working on the draft revision of the methodological tool “TOOL05: Tool to calculate baseline, project and/or leakage emissions from electricity consumption”, the MP noted, contingent upon approval of the revisions to the tool as detailed above (see paragraph 23d), it may be necessary to review approved methodologies to identify the ones to refer to the revised tool to ensure consistent guidance in the methodologies and the tool. In this regard the MP recommended that the Board provide a mandate to the MP to undertake this review and prepare draft revisions of relevant methodologies accordingly.
25. While working on the draft revision of the methodological tool “TOOL08: Tool to determine the mass flow of a greenhouse gas in a gaseous stream”, the MP noted, contingent upon approval of the revision to the as detailed above (see paragraph 23f) recommended, it may be necessary to review approved methodologies to identify the ones to refer to the revised tool to ensure consistent guidance in the methodologies and the tool. In this regard the MP recommended that the Board provide a mandate to the MP to review all approved methodologies and propose revisions where applicable to include references to the revised methodological tool.

26. The MP recommended that the Board take note that it discussed renewable energy technologies that can be included in the positive list of the approved methodology “ACM0002: Grid-connected electricity generation from renewable sources” and agreed that the list is up to date.
27. While discussing technologies that can be included in the positive list of the approved methodology ACM0002 (see paragraph 26), the MP identified that the approved methodology “AM0103: Renewable energy power generation in isolated grids” should be revised to include the positive list included in the latest version of ACM0002, containing ocean thermal technology as approved by the Board at EB 83. The MP recommended that the Board provide a mandate to the MP to revise the approved methodology AM0103. The work is being carried out in response to the mandate received from the Board at EB 83 (EB 83, para. 43; MAP project 223).
28. The MP recommended that the Board approve the recommendation to withdraw the approved methodologies “AM0014: Fossil fuel based cogeneration for identified recipient facility(ies)” and “AM0102: Greenfield cogeneration facility supplying electricity and steam to a Greenfield Industrial Consumer and exporting excess electricity to a grid and/or project customer(s)” as these methodologies have been fully incorporated into the new consolidated methodology “ACM00XX: Fossil fuel based cogeneration for identified recipient facility(ies)” (see paragraph 23(a) above).
29. The MP recommended that the Board take note that it could not conclude its consideration of the following cases (referred to as work-in-progress cases):
 - (a) “ACM0014: Treatment of wastewater”. The revision is being carried out in response to the mandate from the Board at EB 82 (EB 82 report, annex 8; MAP project 223) to standardize requirements on additionality;
 - (b) “ACM0017: Production of biodiesel for use as fuel”. The revision is being carried out in response to the mandate from the Board at EB 85 (EB 85 report, para. 44; MAP project 223) to broaden the applicability of existing (i) biodiesel methodology to cover bio-ethanol, bio-methanol and biogas, and (ii) biofuel methodologies beyond captive fleets;
 - (c) The methodological tool “TOOL25: Investment analysis”. The revision is being carried out in response to the mandate from the Board at EB 85 (EB 85 report, para. 50; MAP project 223) to identify the host countries where the cost of equity may be calculated using the capital asset pricing model (CAPM) (i.e. where the conditions proposed in section 6.1 of the revised methodological tool can be satisfied) and to update the default values for the cost of equity in the appendix to the tool annually;
 - (d) Revision of methodologies to refer to the revised methodological tool “Project and leakage emissions for biomass”. The MP requested that the secretariat make the draft revision of ACM0006 publically available for global stakeholder consultation (see paragraph 33(a) below) and would consider other relevant biomass methodologies (inter alia AM0082, ACM0018, ACM0020, AM0007, AM0036, AM0042) at a future meeting. The work is being carried out in response to the mandate received from the Board at EB 83 (EB 83, para. 44; MAP project 223). ACM0017 would be revised in conjunction with the mandate from the EB 85 report, paragraph 44, MAP project 223.

30. While including references to the methodological tool “Project and leakage emissions for biomass” in the approved methodology AM0082 (see paragraph 29d), the MP agreed to recommend that the Board provide a mandate to the MP to revise the methodological tool “Project and leakage emissions for biomass” to broaden its applicability to cover biomass cultivated in forests on land where there was a cultivated forest at the end of its last rotation, as it is currently allowed in methodology AM0082.
31. If the revisions are approved by the Board as major revisions in accordance with paragraph 69(a)(i) or 82(a)(i) of the procedure “Development, revision and clarification of baseline and monitoring methodologies and methodological tools” (version 01.1), the revised large-scale methodological standards will become effective from the day of publication of the Board meeting report and designated operational entities (DOEs) may upload project design documents (PDDs) for registration using the previous version of the methodology not later than 240 days from this date unless the previous version has been put on hold by the Board in accordance with paragraph 73(a) or 73(b) of the procedure.
32. If the revisions are approved by the Board as minor revisions in accordance with paragraph 69(a)(ii) or 82(a)(ii) of the procedure “Development, revision and clarification of baseline and monitoring methodologies and methodological tools” (version 01.1), the version number of the methodology or methodological tool shall increase by one fractional number (e.g. from 1.0 to 1.1), and the previous version shall continue to be valid until the next revision for mandatory use. In this case, for the purpose of publication of a PDD or programme of activities design document (PoA-DD) for global stakeholder consultation, submission of a request for registration, or submission of a request for renewal of crediting period in accordance with the “Clean development mechanism project cycle procedure”, a project activity or PoA may still apply the previous version or any earlier version until the end of the 240-day period after the next major revision.

Agenda item 3.1.3. Global stakeholder consultation/call for public input

33. The MP recommended that the Board take note of the recommendation on the following draft revised methodologies/tools. The MP requested the secretariat to make these draft revised methodologies/tools publicly available for global stakeholder consultation. The public inputs will be taken into account when recommending these draft revisions to the Board at a future meeting:
 - (a) “ACM0006: Consolidated methodology for electricity and heat generation from biomass”, as contained in annex 11. The work is being carried out in response to the mandate received from the Board at EB 83 (EB 83, para. 44; MAP project 223) to revise methodologies to refer to the revised methodological tool “Project and leakage emissions for biomass”;
 - (b) The Methodological tool “Project emissions from flaring”, as contained in annex 12. The revision was carried out in response to the mandate received from the Board at EB 85 (EB 85 report, para. 51; MAP project 223) to revise the tool “Project emissions from flaring” to include non-binding best practice examples.

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

34. Information on requests for clarification, their status, case history and the final recommendations and responses to the Board by the MP are made available on the UNFCCC CDM website at:
 <<http://cdm.unfccc.int/methodologies/PAmethodologies/clarifications/pending>> and
 <<http://cdm.unfccc.int/methodologies/PAmethodologies/tools-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/PAmethodologies/clarifications>> and
 <<http://cdm.unfccc.int/methodologies/PAmethodologies/tools-clarifications>>.
35. 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>>.
36. The MP 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
AM_CLA_0272	AM0048 (version 3.1) and AM0014	Clarification on the applicability of a methodology for installation of cogeneration units to supply heat and power	Clarified
AM_CLA_0273	ACM0006 ver. 12	Reference to a withdrawn tool in ACM0006	Clarified (fast track)

Agenda item 3.1.5. Consultation on issues related to methodological standards

37. The MP recommended that the Board take note that it provided feedback to the secretariat on the concept note on a methodology for integrated mitigation actions in agriculture combining efficient water pumps, more efficient use of fertilizers and efficient animal husbandry. The draft concept note is developed in response to the mandate from the Board at EB 82 (EB 82 report, annex 7; MAP project 244).
38. The MP recommended that the Board take note that it provided feedback to the secretariat on the concept note on a methodology for integrated mitigation action at the city level (revised title: “Exploration of methodological options for developing Urban CDM”). The draft concept note is developed in response to the mandate from the Board at EB 82 (EB 82 report, annex 7; MAP project 244).
39. The MP recommended that the Board take note that it provided feedback to the secretariat on the concept note on a broadly applicable highly useable methodology for transport applications (revised title: “Broadly applicable methodology for transport

applications”). The draft concept note is developed in response to the mandate from the Board at EB 82 (EB 82 report, annex 7; MAP project 244).

Agenda item 3.1.6. Other issues

40. The MP recommended that the Board provide a mandate to the MP to revise the approved methodology ACM0001 version 15.0 to include clarity on the applicable baseline including for situations under a suppressed demand scenario and to improve the clarity on simplified additionality provisions. The MP considered the approved methodology “ACM0001: Flaring or use of landfill gas, version 15.0” in the context of two proposed standardized baselines: PSB0024 - Landfill gas capture and destruction in Cameroon, and PSB0029 - Landfill gas capture and destruction or use in Sudan.
41. The MP recommended that the Board take note that it initiated work on the analysis of the requirements in methodologies with regard to consideration of baseline and/or project emissions from refrigerants used in refrigeration and air conditioning equipment. The MP will continue to review methodologies with a view to proposing any revisions, if necessary, while being compliant with the requirement stipulated in paragraph 17 of the EB 34 report. The MP noted that in respect of the Board’s decision in paragraph 17 of the EB 34 report, the requirement was to account for project emissions from the release of refrigerants including those that are not listed as Kyoto gases only in cases where the project directly results in an increase of such emissions. The related methodologies, especially those related to deploying more efficient appliances, take a very conservative approach and attribute project emissions based on the entire quantity of refrigerants in the old equipment during the time of replacement. Where such emissions can be shown to occur in the baseline (instantaneously or over a period of some years) it may be possible to simplify the requirements in the methodologies on this issue. The MP agreed to further assess the methodologies involving refrigerants with a view to identifying options to simplify the consideration of project emissions. This work has been undertaken in response to the mandate received from the Board at EB 85 (EB 85 report, para. 39; MAP project 223).
42. The MP recommended that the Board take note that it initiated work on additionality in response to the mandate received from the Board at EB 85 (EB 85 report, paras. 37 and 38).
43. The MP recommended that the Board take note that it worked further on the simplification of monitoring requirements related to wastewater methodology ACM0014 and proposed to provide further guidance for the improvement of the guidance on monitoring of wastewater and chemical oxygen demand. The proposed guidance will be incorporated in the draft revision of ACM0014 to be considered by the MP at a future meeting. This work has been undertaken in response to the mandate received from the Board at EB 82 (EB 82, annex 8; MAP project 223).
44. The MP recommended that the Board take note that it will continue to work on the simplification of monitoring in large-scale methodologies. This work has been undertaken in response to the mandate from the Board at EB 82 (EB 82 report, annex 8; MAP project 223).
45. The MP recommended that the Board take note that it considered a communication to the Board (INQ-03748) submitted by a stakeholder, and provided inputs to the

secretariat, and the communication would be responded to in accordance with the “Procedure for direct communication with stakeholders”.

46. The MP recommended that the Board take note that it initiated work on the revision of biofuel methodologies in response to the mandate received from the Board at EB 85 (EB 85 report, para. 44) and provided inputs to the secretariat on the issue of “indirect leakage emissions in CDM projects” related to the mandate from the Board at EB 85 (EB 85 report, para. 45).

Agenda item 3.2. Guidelines

47. The MP recommended that the Board take note that it considered the concept note: “Revision of guideline for the sector specific standardized baselines (SB guideline)” and finalized the proposal together with the secretariat. The work was carried out in response to the mandate received from the Board at EB 81 (EB 81, para. 48; MAP project 110) related to the revision of the “Guideline for establishment of sector-specific standardized baselines” including:
- (a) Assessing the applicability of the proposed framework to different project types and sectors, considering which of the three approaches used (market penetration, performance, costs/barriers) may be suited for which project types and sectors;
 - (b) Also exploring other approaches for standardization highlighted in literature, especially, but not limited to, a possible process-oriented approach like the development of the performance standard;
 - (c) Using the current thresholds as default and considering whether different thresholds values may be more appropriate for specific project types.
48. The MP, while considering the concept note referred to in paragraph 477 above, recommended that the Board provide a mandate to the MP to explore the possibilities for cases, where the DNA (or SB developer) wishes to submit, along with the proposed standardized baseline, a methodology to facilitate the estimation of emission reductions of the projects using the standardized baseline, whether the submission of such standardized baseline and methodology can be allowed in a single document (e.g. form for submission of proposed standardized baseline).

Agenda item 4. Conclusion of the meeting

49. The MP 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.
50. The MP adopted the report and concluded its 68th meeting. The report and its annexes will be made available on the UNFCCC website.

Annexes to the report

Annexes to the external report of the 68th meeting of the Methodologies Panel

- Annex 1 - "Standard for demonstration of additionality, development of eligibility criteria and application of multiple methodologies for programme of activities"
- Annex 2 - "AM00XX: Electric taxiing systems for airplanes"
- Annex 3 - "ACM00XX: Fossil fuel based cogeneration for identified recipient facility(ies)"
- Annex 4 - "AM0058: Introduction of a new primary district heating system"
- Annex 5 - "ACM0012: Waste energy recovery"
- Annex 6 - Methodological tool "TOOL05: Tool to calculate baseline, project and/or leakage emissions from electricity consumption"
- Annex 7 - Methodological tool "Tool to calculate emission factor of electricity system"
- Annex 8 - Information note: "Analysis and recommendation on the revision of "Tool to calculate emission factor of electricity system"
- Annex 9 - Methodological tool "TOOL08: Tool to determine the mass flow of a greenhouse gas in a gaseous stream"
- Annex 10 - Methodological tool "TOOL09: Tool to determine the baseline efficiency of thermal or electric energy generation systems",
- Annex 11 - "ACM0006: Consolidated methodology for electricity and heat generation from biomass "
- Annex 12 - Methodological tool "Project emissions from flaring"

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