



FRAMEWORK CONVENTION ON CLIMATE CHANGE - Secretariat
CONVENTION - CADRE SUR LES CHANGEMENTS CLIMATIQUES -
Secrétariat

Date: 03 June 2011
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EXECUTIVE BOARD OF THE CLEAN DEVELOPMENT MECHANISM
SIXTY-FIRST MEETING

Report

Date of meeting: 30 May to 3 June 2011

Location: Bonn, Germany

Attendance: The names of members and alternate members present at the meeting are in bold print below. Where only the name of an alternate member is in bold print, the alternate participated as a member.

Members	Alternates
Mr. Pedro Martins Barata ¹	Mr. Lex de Jonge ¹
Mr. Maosheng Duan ¹	Ms. June Hughes ¹
Mr. Philip M. Gwage ¹	Mr. Paulo Manso ¹
Ms. Diana Harutyunyan ¹	Ms. Danijela Bozanic ¹
Mr. Martin Hession ²	Mr. Thomas Bernheim ²
Mr. Victor Kabengele ²	Ms. Fatou Gaye ²
Mr. Shafqat Kakakhel ²	Mr. Hussein Badarin ²
Mr. Akihiro Kuroki ²	Mr. Peer Stiansen ²
Mr. Clifford Mahlun ¹	Mr. Asterio Takesy ¹
Mr. Daniel Ortega Pacheco ²	Mr. José Miguel Leiva ²

¹ Term: Two years (term of service ends immediately before the first meeting in 2012)

² Term: Two years (term of service ends immediately before the first meeting in 2013)

NB: The term of service of a member, or an alternate member, starts at the first meeting of the Executive Board in the calendar year following his/her election and ends immediately before the first meeting of the Executive Board in the calendar year in which the term ends (see rules of procedure of the Executive Board).

Quorum (in parenthesis required numbers): **10** (7) members or alternate members acting as members present of which **4** (3) from Annex I Parties and **6** (4) from non-Annex I Parties.

WWW broadcasting : < <http://cdm.unfccc.int/EB/Meetings> >.

**Agenda item 1. Adoption of the agenda**

1. Mr. Martin Hession, Chair of the Executive Board of the clean development mechanism (CDM) (hereinafter referred to as the Board), opened the meeting and asserted that the quorum requirement was met.
2. The Board adopted the agenda of the meeting.

Agenda item 2. Membership issues (including disclosure of possible conflict of interest)

3. The Board made available information with respect to any potential conflict of interest. The statements on conflict of interest from members and alternate members can be viewed on the UNFCCC CDM website at <http://cdm.unfccc.int/EB/index.html>.
4. The Board agreed on terms of reference (ToRs) of the support structure of the Board, as contained in annex 1 to this report. These ToRs replace the “General guidelines for panels and working groups” and the ToRs developed individually for the panels and working groups (WGs). The Board agreed that paragraph 23 of the new ToRs, with regard to the length of term, will be applicable to members to be elected or re-elected as of the next call for experts. The Board further requested the current members of the panels and WGs to express in writing their consent to be bound by the new ToRs.
5. The Board assessed the possible revision of its rules of procedure, in accordance with the mandate given by the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol (CMP), at its sixth session. The Board requested the secretariat to prepare a recommendation with alternative options for the decision-making process for consideration by the Board. The proposal is to include revisions to rules to reflect any changes or additions made through CMP decisions and the current practice of the Board.

Agenda item 3. Work plan**Agenda sub-item 3 (a): Accreditation of operational entities**

6. The Board took note of the progress report of the fifty-fourth meeting of the CDM Accreditation Panel (CDM-AP), and an oral report by its Chair, Mr. Akihiro Kuroki. The report summarized information relating to the work of the panel, including the status of applications and developments with respect to various assessments in the accreditation process, development and revision of regulatory documents and other accreditation related issues.

Case specific

7. The Board considered a recommendation by the CDM-AP and agreed to extend the scope of accreditation of CDM-E-0034 “China Environmental United Certification Center Co., Ltd.” (CEC), to include sectoral scopes 4-7, 9 and 11-15 for validation and verification/certification functions.
8. The Board took note of a notification by the CDM-AP on the positive outcome of a regular on-site surveillance assessments of the following entities:
 - (a) CDM-E-0003 “Det Norske Veritas Certification AS” (DNV), non-central site (San Francisco, United States of America);
 - (b) CDM-E-0010 “SGS United Kingdom Limited” (SGS), non-central site (Shanghai, China);



- (c) CDM-E-0011 “Korea Energy Management Corporation” (KEMCO), central office (Kyonggi-do, Republic of Korea);
 - (d) CDM-E-0023 “Lloyd’s Register Quality Assurance Ltd.” (LRQA), non-central site (Beijing, China);
 - (e) CDM-E-0034 “China Environmental United Certification Center Co., Ltd.” (CEC), central office (Beijing, China);
 - (f) CDM-E-0037 “RINA Services S.p.A” (RINA), non-central site (Chennai, India).
9. The Board took note of a notification by the CDM-AP on the positive outcome of performance assessments of the following entities:
- (a) CDM-E-0005 “TÜV SÜD Industrie Service GmbH” (TÜV SÜD);
 - (b) CDM-E-0010 “SGS United Kingdom Limited” (SGS);
 - (c) CDM-E-0021 “Spanish Association for Standardisation and Certification” (AENOR);
 - (d) CDM-E-0037 “RINA Services S.p.A” (RINA).
10. The Board took note of a notification by the CDM-AP on the negative outcome of a performance assessment of CDM-E-0003 “Det Norske Veritas Certification AS” (DNV).

General guidance

11. The Board took note of the form to be used by DOEs to submit their annual activity reports to the Board, as contained in annex 2 of this report.
12. The Board welcomed the DOE performance reports presented at this meeting. The reports are related to the monitoring periods from 1 January to 30 June 2011 and from 1 July to 31 December 2011. The Board took note that the CDM-AP will be provided with reports on the performance of the DOEs eligible for monitoring at its next meeting. The Board also took note that public reports of the DOE performance are available on the UNFCCC website (<http://cdm.unfccc.int/Reference/Notes/index.html>).

Further schedule

13. The Board noted that the fifty-fifth meeting of the CDM-AP will be held from 20 to 23 June 2011 in Bonn, Germany.

Agenda sub-item 3 (b): Methodologies for baselines and monitoring plans

14. The Board took note of the progress report of the forty-ninth meeting of the Meth Panel, and an oral report by its Chair, Mr. Phillip Gwage, on the work of the panel.

Case specific

15. The Board approved the following new methodologies:
- (a) AM0091 “Energy efficiency technologies and fuel switching in new buildings” based on the proposed new methodology NM0328: “Energy efficiency and fuel switching measures in new buildings”. The approved methodology is contained in annex 3 to this report; and
 - (b) ACM0019 “N₂O abatement from nitric acid production” based on and consolidating the proposed new methodologies NM0339: “N₂O abatement in New Capacity nitric acid plants”



and NM0340: “N₂O abatement in New Nitric Acid Plants”. The approved consolidated methodology is contained in annex 4 to this report.

16. The Board agreed not to approve the following proposed new methodology:

(a) NM0335 “PFC emission reduction by gas replacement in the process of CVD cleaning in semiconductor production”.

17. The Board took note that the Meth Panel could not conclude its consideration of the following proposed new methodologies:

(a) NM0292 “Highly efficient power plant fuelled with blast furnace gas at TKCSA, in Rio de Janeiro, Brazil”;

(b) NM0330 “Substitution of Fluorinated Compound (FC) gases for cleaning Chemical Vapor Deposition (CVD) reactors in the semiconductor industry”;

(c) NM0332 “PFCs emission reduction from installation of an abatement device in a semiconductor manufacturing facility”;

(d) NM0333 “Avoidance of landfill gas emissions by passive aeration of landfills”;

(e) NM0334 “Installation of high efficient technology for power transmission”;

(f) NM0337 “Replacement of fossil fuel fired heaters with biomass residue fired heaters”;

(g) NM0341 “Mitigation of methane emissions from charcoal production by recovering and burning carbonization gases”;

(h) NM0345 “Methodology for conversion of a Combined Cycle Power Plant to an Integrated Solar Combined Cycle (ISCC)”;

(i) NM0347 “Biomass residue co-firing at an existing or a new boiler(s)”.

Responses to requests for revision

18. The Board agreed on the responses prepared by the Meth Panel to the requests for revision as follows:

(a) To accept request REV_TOOL_0002 concerning the amendment to the approved “Tool to determine methane emissions avoided from disposal of waste at a solid waste disposal site”, to allow the use of a default value for domestic sludge;

(b) To accept request AM_REV_0197 concerning the amendment to the approved methodology AM0063, with a view to expand its applicability to new industrial facilities/integrated complex;

(c) Not to accept request AM_REV_0209 concerning the revision to the approved methodology AM0049, with a view to expand its applicability to incorporate the usage of natural gas in the baseline scenario;

(d) Not to accept request AM_REV_0210 concerning the revision to the approved methodology ACM0001, with a view to include landfill gas utilization in kilns; and

(e) To accept request AM_REV_0211 concerning the revision to the approved methodology AM0038, to expand its applicability to FeSi production and other silicon- and ferro alloys.

***Responses to requests for clarification***

19. The Board took note of the responses provided by the Meth Panel to the requests for clarification CLA_TOOL_0012 and AM_CLA_0205 to AM_CLA_0207 referred to in the report of the forty-ninth meeting of the Meth Panel.

20. The Board took note that the Meth Panel could not conclude its consideration of the request for clarification AM_CLA_0191 due to time constraints.

21. The Board agreed to issue a clarification on the applicability of the approved consolidated methodology ACM0012 (version 03.2) to CDM project activities that recover waste energy in greenfield facilities, as contained in [annex 5](#) to this report.

Revision of approved methodologies and tools

22. The Board revised/amended the following approved methodologies and tools:

(a) **AM0038** “Methodology for improved electrical energy efficiency of an existing submerged electric arc furnace used for the production of silicon and ferro alloys”. The revised methodology is contained in [annex 6](#) to this report. The revision:

(i) Expands the applicability of the methodology to projects improving the efficiency of production of various alloys;

(ii) Takes into account, in the calculation of the project and baseline emissions, the composition of various reductants that might be used in the alloy production;

(iii) Introduces the use of the “Tool to determine the remaining lifetime of equipment”; and

(iv) Changes the requirement of availability of historical data from a minimum of three years to the most recent three years;

(b) **AM0055** “Recovery and utilization of waste gas in refinery”. The revised methodology is contained in [annex 7](#) to this report. The revision:

(i) Simplifies the procedures for calculating baseline emissions; and

(ii) Eliminates the requirement to identify a representative element process at the refinery to measure the baseline efficiency.

(c) **AM0063** “Recovery of CO₂ from tail gas in industrial facilities to substitute the use of fossil fuels for production of CO₂”. The amendment expands the applicability of the methodology to new integrated industrial facilities recovering CO₂ from the intermediate gas and reducing emissions associated with CO₂ production in other conventional CO₂ production facilities. The amended methodology is contained in [annex 8](#) to this report;

(d) **AM0090**: “Modal shift in transportation of cargo from road transportation to water or rail transportation”. The amendment removes the reference to the “Procedures for notifying and requesting approval of changes from the project activity as described in the registered project design document”. The amended methodology is contained in [annex 9](#) to this report;

(e) **“Tool to determine methane emissions avoided from disposal of waste at a solid waste disposal site”**. The amendment includes a default value for the fraction of degradable organic carbon of sludge from domestic wastewater treatment plants. The amended tool is



contained in [annex 10](#) to this report;

(f) **“Tool to determine the mass flow of a greenhouse gas in a gaseous stream”**. The revision simplifies the tool, corrects inconsistencies in how some parameters were expressed, improves the readability of and consistency in the tool, and implements editorial and format improvements. The revised tool is contained in [annex 11](#) to this report;

(g) **“Tool to calculate the emission factor for an electricity system”**. The amendment provides:

(i) More clarity on the set of power plants to be included in the methods to determine the build margin emission factor; and

(ii) Simplified options for project activities hosted in countries that have a paucity of relevant data and that are least developed countries (LDCs) or countries with less than ten (10) registered projects at the starting date of validation.

The amended tool is contained in [annex 12](#) to this report.

23. Project participants may apply the approved amended/revised methodologies and tools in project activities seeking validation after the date on which the approved revised version is published on the UNFCCC CDM website.

24. For all revised methodologies and tools that were approved by the Board at this meeting, the DOEs may upload not later than 3 February 2012 (24:00 GMT) for registration the project design documents (PDDs) of project activities in which the previous version of an approved methodology or an approved tool has been applied, in accordance with paragraph 36 of the “Procedure for the submission and consideration of requests for revision of approved baseline and monitoring methodologies and tools for large scale CDM project activities”.

25. Project participants may note that the amendment of an approved methodology or an approved tool has no effect on the global stakeholder consultations of PDDs and registration of project activities applying the previous version of the amended methodology or tool, in accordance with paragraph 35 of the “Procedure for the submission and consideration of requests for revision of approved baseline and monitoring methodologies and tools for large scale CDM project activities”.

26. The Board agreed to continue its consideration of the draft revised methodology AM0001 “Incineration of HFC 23 waste streams” at its sixty-second meeting. The Board requested the secretariat to prepare for its next meeting a presentation that illustrates the two options concerning the inclusion or not of HFC-23 project emissions from all production lines in the facility.

27. The Board took note that, in response to its request contained in paragraph 29 (d) of the report of the forty-fifth meeting of the Board concerning the determination of the loss of ignition (LoI) in methodology AM0033 “Use of non-carbonated calcium sources in the raw mix for cement processing”, the Meth Panel concluded that no further guidance is necessary on the use of the LoI method under the baseline scenario. The methodology AM0033 was consolidated with AM0040 into ACM0015 on 30 November 2007, subsequently, both AM0033 and AM0040 ceased to be valid on 13 December 2007, and the approved consolidated methodology ACM0015 does not apply the LoI method.

28. The Board took note of the response from the Meth Panel to the request contained in paragraph 22 of the report of the fifty-sixth meeting of the Board, concerning the methodology AM0090 “Modal shift in transportation of cargo from road transportation to water or rail transportation”, as contained in paragraph 19 (b) of the report of the forty-ninth meeting of the Meth Panel.



29. The Board took note that, in response to the request contained in paragraph 20 of the report of the forty-sixth meeting of the Board, concerning the methodology ACM0009 “Consolidated baseline and monitoring methodology for fuel switching from coal or petroleum fuel to natural gas”, the Meth Panel is continuing to work, with the support of an external expert, on how emission reductions from fuel switches can be estimated in the situation where multiple fuels are used in the baseline scenario, with the aim of providing a draft recommendation for consideration by the Board at a future meeting.

30. The Board took note that, in response to the request contained in paragraph 28 of the report of the fifty-third meeting of the Board, the Meth Panel is continuing its work to develop the provisions required for the determination of baseline emissions in case of greenfield cement plants within the context of ACM0015, with the aim of providing a draft recommendation for consideration by the Board at a future meeting.

31. The Board took note that, in response to the request contained in paragraph 21 of the report of the forty-ninth meeting of the Board to revise approved methodologies to further improve their objectivity, applicability, usability and consistency, and based on the 2011 work plan of the panel, the Meth Panel agreed to initiate a revision of the following two methodologies, and intends to recommend the draft revised methodologies for consideration by the Board at a future meeting:

- (a) ACM0001 “Consolidated baseline and monitoring methodology for landfill gas project activities”; and
- (b) AM0025 “Avoided emissions from organic waste through alternative waste treatment processes”.

32. The Board took note that:

- (a) In response to the request contained in paragraph 24 of the report of the fiftieth meeting of the Board, the Meth Panel concluded that further work on the off-grid part of the “Tool to calculate the emission factor for an electricity system” may not be necessary at this point in time as, in the responses by DNAs to a questionnaire on the application of the tool, the inclusion of off-grid power plants in the determination of the grid emission factor was not raised as an issue; and
- (b) In response to the requests contained in paragraph 25 of the report of the fifty-fourth meeting of the Board and in paragraph 32 of the report of the fifty-sixth meeting of the Board, concerning the “Tool to calculate the emission factor for an electricity system”, the Meth Panel was not able to conclude the assessment on the variability of the dispatch analysis results and will continue to work on it, with the aim of providing a draft recommendation for consideration by the Board at a future meeting.

33. The Board took note that, in response to the requests contained in paragraph 30 and 31 of the fifty-sixth meeting of the Board and paragraph 43 of the report of the sixtieth meeting of the Board, concerning the “Tool to assess the validity of the original/current baseline and to update the baseline at the renewal of a crediting period”, the Meth Panel could not conclude its consideration of this matter. The Meth Panel will continue to work on a draft revision to the tool, with the aim of providing a draft recommendation for consideration by the Board at a future meeting.

General guidance

34. The Board approved the revised “Guidelines on the assessment of investment analysis”, as contained in [annex 13](#) to this report.



35. The Board took note that the Meth Panel has agreed to start its work, as presented in paragraphs 11, 30 and 31 of the report of the forty-ninth meeting of the Meth Panel, on the development of:

- (a) Top-down methodologies;
- (b) Standardized baselines; and
- (c) Background document on baseline determination.

36. The Board took note that the Meth Panel will continue its work to finalize a draft tool to determine project emissions from freight transport, with the aim of providing a draft recommendation for consideration by the Board at a future meeting.

37. The Board took note of the response from the Meth Panel to the queries from the Small Scale Working Group (SSC WG) concerning the requests for revision SSC_486 and SSC_488, as contained in paragraphs 33 and 34 of the report of the forty-ninth meeting of the Meth Panel.

38. The Board considered an update on the work related to the use of the first-of-its-kind barrier and the assessment of common practice. The Board requested a small group of members to develop a list of questions to be used in a future call for public inputs, for its consideration by the Board at its sixty-second meeting.

39. The Board considered an analysis report on methodological issues arising from interaction with stakeholders and data obtained from the DOE performance monitoring system. The Board requested the secretariat to:

- (a) Account all entities in its analysis for the results of the performance of DOEs, and not only those eligible for monitoring;
- (b) Further work, in collaboration with DOEs, in defining specific areas of revision of the guidelines on investment analysis and report back to the Board at a future meeting;
- (c) Prioritize the work of preparing validation and verification templates with a view of digitization of the reporting data.

The Board also agreed to request DOEs to strengthen their quality check procedures, their technical review process and train their personnel on the issues where most of the reviews are triggered.

40. The Board considered an information note on the treatment of increase in future anthropogenic emissions of a host country, also referred to as suppressed demand, and requested the secretariat to:

- (a) Draft a standard that address the issues related to the situation of suppressed demand in baseline and monitoring methodologies as formulated in the information note prepared by the secretariat;
- (b) Prepare a draft work plan on how to implement the identified solutions in approved methodologies; and
- (c) Report back to the Board on these issues at its sixty-third meeting.

Further schedule

41. The Board noted that the fiftieth meeting of the Meth Panel will be held from 27 June to 1 July 2011 in Bonn, Germany. The Board also noted that, on an exceptional basis, the report of the Meth Panel and its related annexes will be only available on 5 July 2011, due to the proximity of the meeting.

**Agenda sub-item 3 (c): Issues relating to CDM afforestation and reforestation project activities**

42. The Board took note of the progress report of the thirty-second meeting of the Afforestation and Reforestation Working Group (A/R WG) and an oral report by its Chair, Ms. Diana Harutyunyan, on the work of the group.

Case specific

43. Taking into consideration the inputs by the experts (desk reviewers), the public, and the recommendations of the A/R WG, the Board approved the new A/R methodology AR-AM0014: “Afforestation and reforestation of degraded mangrove habitats”, as contained in [annex 14](#) to this report.

Responses to requests for clarification

44. The Board took note of the responses to the requests for clarifications AR_AM_CLA_0013 and AR_AM_CLA_0014, as provided by the A/R WG and referred to in paragraphs 10 and 11 of the report of the thirty-second meeting of the A/R WG.

General guidance

45. The Board considered the draft “Guidelines for demonstrating additionality in A/R CDM project activities” and requested the A/R WG to revise the document, with the support of the secretariat, in accordance with the inputs provided by the Board, in particular to:

- (a) Use only data that are available at the time of validation;
- (b) Ensure that it contains guidance for DOEs on validation of the proposed requirements and for project participants on monitoring of conditions that have to be met after the project is registered;
- (c) Apply conditions that do not overlap;
- (d) Be more specific on types of benefits involved.

The Board will consider the revised guidelines at its future meeting.

46. The Board requested the A/R WG to develop, with the support of the secretariat, list of types and extent of changes from the project description in the registered PDDs that are considered typical in forestry practice, and hence, do not require submitting a notification or a request for approval under the relevant procedures. The Board will consider the list at its sixty-third meeting.

47. The Board agreed to launch a call for public inputs, starting on **3 June 2011 and ending on 3 July 2011**, and requested the A/R WG to consider the inputs at its thirty-third meeting and make a recommendation to the Board at a future meeting on the following issues :

- (a) Common difficulties in implementation of A/R CDM project activities according to the registered PDDs; and
- (b) Types and extent of changes from the project descriptions in the registered PDDs that are typical for forestry practice and have already been identified, or are expected to occur, at the time of verification of A/R CDM project activities.

The Board requested the A/R WG to use the inputs in preparation of the draft guidelines mentioned in paragraph 46 above.



48. The Board noted that the A/R WG will continue working on the following issues:
- (a) Draft revision of the “Guidance on application of the definition of the project boundary to A/R CDM activities”;
 - (b) Draft revision of the methodology AR-AM0005 “Afforestation and reforestation project activities implemented for industrial and/or commercial uses” to address the issue raised by the project participants related to accounting of pre-project tree planting;
 - (c) Verification of globally derived allometric equations and volume equations;
 - (d) Applicability of continuous forest inventory for the purpose of verification in A/R CDM project activities;
 - (e) Accounting for emissions resulting from wildfires in A/R CDM project activities;
 - (f) Draft revision of the tool “Estimation of carbon stocks and change in carbon stocks of trees and shrubs in A/R CDM project activities” in order to address issues related to accounting of root biomass of a coppice forest subject to harvesting.

Further schedule

49. The Board noted that the thirty-third meeting of the A/R WG will be held from 22 to 24 August 2011 in Bonn, Germany.

Agenda sub-item 3 (d): Issues relating to small-scale CDM project activities

50. The Board took note of the progress report of the thirty-first meeting of the SSC WG and an oral report by its Chair, Ms. Fatou Gaye, on the work of the group.

Case specific

51. The Board noted that the small-scale methodology SSC-NM064 “Introduction of natural gas in the fuel mix of iron-ore pellet induration process”, was deemed not suitable for recommendation to the Board by the SSC WG.

Responses to requests for clarification

52. The Board took note of the responses provided by the SSC WG on the requests for clarification SSC_524, SSC_526 to SSC_528, SSC_530 and SSC_533, and the responses to the requests for revisions SSC_529, SSC_531 to SSC_532, as provided by the SSC WG and referred to in the report of the thirty-first meeting of the SSC WG.

53. The Board noted that the SSC WG could not conclude its consideration of the request for revision SSC_488 and will continue considering this request at its next meeting.

Revisions of approved methodologies

54. The Board agreed to the following revised approved small-scale methodologies:
- (a) AMS-I.I “Biogas/biomass thermal applications for households/small users”, to provide simplified options for the measurement of fossil fuel consumption, as contained in [annex 15](#) to this report;
 - (b) AMS-I.C “Thermal energy production with or without electricity”, to simplify the monitoring requirement for the quantity of biomass used, its net calorific value (NCV) and



moisture content, and to expand the baseline scenarios for co-generation project activities, as contained in [annex 16](#) to this report;

(c) AMS-I.D “Grid connected renewable electricity generation” and AMS-I.F “Renewable electricity generation for captive use and mini-grid”, to clarify the respective applicability of these methodologies, as contained in [annex 17](#) and [annex 18](#) to this report. Further, simplified monitoring requirements for the quantity of biomass used, its NCV and moisture content have been specified;

(d) AMS-III.C “Emission reductions by electric and hybrid vehicles”, to include specific guidance for demonstrating additionality for project activities introducing electric and hybrid vehicles as contained in [annex 19](#) to this report. The revisions also clarify that emission reductions may be claimed by manufacturers/retailers/owners of electric/hybrid vehicles as long as it is ensured that double counting of emission reductions will not occur.

55. The revised versions of the SSC methodologies referred to in the paragraph above will come into effect on 17 June 2011 (24:00 GMT) in accordance with the “Procedure for the revision of approved SSC methodologies”.

General guidance

56. The Board agreed to launch a call for public inputs on issues identified in annexes 1 and 2 to the report of the thirty-first meeting of the SSC WG, **starting on 3 June 2011 and ending on 16 June 2011¹**, to facilitate the further development of the draft methodology for low-flow showerhead hot water saving devices. The Board requested the SSC WG to consider the inputs at its thirty-second meeting and provide a recommendation to the Board on the issue.

57. The Board agreed to launch a call for public inputs, **starting on 3 June 2011 and ending on 3 July 2011**, on issues identified in relation to the development of a solar cooker methodology, as contained in annex 3 of the report of the thirty-first meeting of the SSC WG. The Board requested the SSC WG to consider the inputs at its thirty third meeting and make a recommendation to the Board on the issue.

58. Taking into account the recommendation contained in paragraph 26 of the report of the thirty-first meeting of the SSC WG, the Board agreed to clarify the applicability of AMS-III.Q (version 04) for waste energy recovery project activities, as contained in [annex 20](#) to this report. The Board further requested the secretariat to present a revised draft “Procedures for the revision of an approved small scale methodology by the Executive Board” at the sixty-second meeting of the Board, including options to undertake amendments as defined in “Procedure for the submission and consideration of requests for revision of approved baseline and monitoring methodologies and tools for large scale CDM project activities” (paragraph 29 of EB 54 meeting report, annex 2).

59. The Board, taking into account the recommendation by the SSC WG made at its thirty-first meeting, approved the following combination of methodologies for application to PoA:

- (a) AMS-III.D, AMS-I.C and AMS-I.F; and
- (b) AMS-I.C and AMS-I.F.

The Board agreed to revise the “General guidelines to SSC CDM methodologies” to include the additional combinations, as contained in [annex 21](#).



60. The Board took note that recommendations had been received from DNAs of Chile, Cote d'Ivoire, India, Mongolia, Peru, Sri Lanka and Thailand in response to paragraph 2 (d) of "Guidelines for demonstration of additionality of microscale project activities" (EB 60, annex 25), i.e. specific renewable energy technologies/measures recommended to be deemed as additional in the host country. The Board requested the SSC WG to undertake a technical assessment of the proposals received at its thirty-second meeting and to make a recommendation to the Board. The Board also requested the secretariat to:

(a) Revise the procedures for submissions of new small scale and large scale methodologies to cover submissions of specific renewable energy technologies/measures recommended to be deemed as additional in the host country from DNAs for consideration of the Board at its sixty-second meeting; and

(b) Develop a draft guideline for the consideration of the DNA submissions of specific renewable energy technologies/measures recommended to be deemed as additional in the host country for consideration of the Board at a future meeting.

61. The Board noted that the SSC WG will continue working on the top-down development of:

(a) A demand-side energy-efficiency methodology for agricultural pumping and irrigation activities;

(b) A methodology for comprehensive energy efficiency measures in buildings using computer simulation, deemed savings values, and/or metering approaches; and

(c) Methodological approaches to cover control/optimization activities (e.g. optimization of a pump scheduling system, intuitive energy saving devices in households, lighting controls and/or energy management systems in buildings) and retrofits of large, variable output chillers.

The Board also noted that SSC WG will continue working on simplification of AMS-III.AJ "Recovery and recycling of materials from solid wastes" for application in the informal waste collection sector and to expand the methodology to include other recyclable materials, taking into account the public inputs received.

Further schedule

62. The Board noted that the thirty-second meeting of the SSC WG will be held from 21 to 24 June 2011 in Bonn, Germany.

Agenda sub-item 3 (e): Matters relating to programme of activities

63. The Board noted that eight (8) CDM programmes of activities (PoAs) have been registered by 3 June 2011. The status of requests for registration of PoAs can be viewed on the UNFCCC CDM website at <<https://cdm.unfccc.int/ProgrammeOfActivities/>>.

64. The Board considered recommendations related to PoAs arising from stakeholder consultation. The Board welcomed the constructive contributions by participants in the PoA workshop organized by the secretariat on 7-8 May 2011.

65. The Board acknowledged the barriers to the substantial expansion in the use of the programmatic approach resulting from the existing provisions related to the review of erroneous inclusion of component project activities (CPAs) and the consequences of such reviews. The Board decided that a DOE would only be required to acquire and cancel certified emission reductions (CERs) subsequent to a CPA exclusion in situations where the DOE has been found to have failed to conduct an assessment of compliance in accordance with the established assessment requirements. The Board requested the



secretariat to incorporate this decision in the procedural framework for PoAs for consideration by the Board at its sixty-third meeting.

66. The Board noted that this approach together with the existing procedural framework may not always prevent a situation where a CPA does not comply with the eligibility criteria, owing to factors outside the area of responsibility of the DOE. The Board requested the secretariat to explore options for addressing excess issuance that may occur in such situations, including through downward correction of future issuance of CERs for the relevant PoA.

67. In light of the clarifications mentioned in paragraph 65 above, the Board agreed to the revised “Procedures for review of erroneous inclusion of a CPA”, as contained in annex 22 to this report. The Board noted that these revised procedures place a time limit on the scope of the review and requested the secretariat to ensure that excess issuance of CERs resulting from erroneous inclusion of CPA outside the scope of this procedure is conducted in accordance with the procedures for addressing significant deficiencies in validation or verification reports.

Agenda sub-item 3 (f): Matters relating to the registration of CDM project activities

68. The Board noted that 3,146 CDM project activities have been registered by 3 June 2011. The status of requests for registration of project activities can be viewed on the UNFCCC CDM website at <http://cdm.unfccc.int/Projects/>.

Case specific - processed in accordance with previous review procedures

69. In accordance with the procedures for review, as referred to in paragraph 41 of the CDM modalities and procedures, the Board considered one (1) request for renewal of a crediting period which was placed “Under review” at the fifty-sixth meeting of the Board.

70. With regard to the request for renewal of crediting period for project activity “HFC Decomposition Project in Ulsan” (0003) submitted by the DOE (DNV), the Board was not able to reach an agreement and decided to continue its deliberations on the request at its sixty-second meeting.

Case specific - processed in accordance with Procedures for review of requests for registration (EB 55, annex 40)

71. In accordance with the “Procedures for review of requests for registration”, adopted by the Board at its fifty-fifth meeting, the Board considered eleven (11) requests for registration for which assessments of the secretariat and the Registration and Issuance Team (RIT) contained different proposed decisions or the same proposed decision which received an objection from a member of the Board.

72. The Board agreed to register the following project activities:

- (a) “Barro Blanco Hydroelectric Power Plant Project” (3237);
- (b) “Bangkok Kamphaeng Saen East: Landfill Gas to Electricity Project” (3462);
- (c) “Shenzhen Dongbu LNG Power Generation Project” (3477);
- (d) “Waste Gas for Power Generation in Fugu County Yuchao Coal Electricity Chemical Industry Co., Ltd.” (3498);
- (e) “Beijing Yanqing Low Wind-speed Pilot Windpower Project” (3536);
- (f) “Eléctrica del Valle de México Wind Farm” (3860);
- (g) “S.K. Power Wastewater Project” (4089).



73. The Board could not register the following project activities:
- (a) “New England Landfill Gas to Energy Project” (3249);
 - (b) “Shanxi Yuncheng 25 MW Biomass Power Plant Project” (3407);
 - (c) “Sichuan Lengshuikou 12.1 MW Small-Scale Bundled Hydropower Project” (3581);
 - (d) “Cooperativa Lar Wastewater Treatment and Energy Generation Project” (3998).

General guidance

74. The Board considered the assessment report of CDM project cycle operations and welcomed the depth of the analysis conducted and the proposals made. Based on its consideration of the report, the Board agreed to the work plan contained in [annex 23](#) to this report.

75. The Board held an initial discussion on reporting and verification of sustainability benefits of CDM projects and agreed to launch a call for public input, **starting on 3 June 2011 and ending on 3 July 2011**, on how to include co-benefits and negative impacts in the documentation of CDM project activities and the role of the different actors and stakeholders in this process. The Board also requested the secretariat to prepare an information note on how co-benefits and negative impacts could be reflected in the CDM process, taking into account the inputs received from the call, to be considered at a future meeting.

76. The Board discussed policy issues encountered by the secretariat through the experience of the assessment of cases, including first-of-its-kind and common practice analysis, continuing and real action, and an update on the historically highest tariffs applicable for wind and hydro facilities in the People's Republic of China.

77. The Board took note of the secretariat observations on the application of the Board's guidelines regarding continuing and real action (EB 49, annex 22) in projects seeking registration and projects under validation. The Board requested the secretariat to prepare options for the revision of guidance on continuing and real actions to be considered at its sixty-second meeting. The Board also requested the secretariat to further investigate whether its findings are related to the performance of DOEs and report back at its sixty-second meeting.

78. The Board took note of the update regarding wind and hydro tariffs in the People's Republic of China and requested the secretariat to revise and publish the data containing the highest tariffs by province, taking into account the response submitted by the Chinese DNA. The Board agreed to use the following criteria to determine the highest tariff for provinces with more than one registered CDM project:

- (a) Exclude project activities commissioned before 2002;
- (b) Exclude project activities that are demonstration projects or receiving official development assistance (ODA) funding;
- (c) Be based on the tariff notifications issued by national/local authority or power purchase agreement (PPA);
- (d) Not be based on the letters issued by the local government, such as indicative tariff letters and/or reply letter on feed-in tariff, or tariff notification resulting from the bidding process.

79. The Board requested the secretariat to further examine means of validation by the DOE to assess whether a proposed project activity can be considered as a demonstration project or supported by ODA funding to be considered by the board at a future meeting.



80. The Board considered an information note on improvements of guidance regarding stakeholder and public participation and requested the secretariat to develop an information note on the application of the requirements for consideration of stakeholder inputs in the validation process to be considered by the Board at its sixty-second meeting. The Board also requested to include in the note possible questions to be put forth in a call for public inputs.

Agenda sub-item 3 (g): Matters relating to the issuance of CERs and the CDM registry

81. The Board noted that 629,529,900 CERs have been issued as of 3 June 2011 and that the secretariat, in its capacity as the CDM registry administrator, continues to process requests for opening of holding accounts and for forwarding of CERs. The status of requests for issuance of CERs can be viewed on the UNFCCC CDM website at <http://cdm.unfccc.int/Issuance>.

Case specific

82. In accordance with paragraph 96 of its report of the twenty-eighth meeting, the Board considered one (1) request from a DOE to be permitted to submit previously rejected request for issuance for the same monitoring period. The Board decided to permit the re-submission of the request for issuance for “Small Hydropower Projects at Alupola and Badulu Oya” (0100) submitted by the DOE (DNV) for the monitoring period 1 October 2008 to 31 December 2009.

83. In accordance with paragraph 9 (c) of “Procedures for withdrawal of a request for issuance of CERs”, the Board considered six (6) requests from DOE to be permitted to submit previously withdrawn requests for issuance for the same monitoring period covered by the withdrawal. The Board decided to permit the re-submission of the requests for issuance for the following project activities:

- (a) “Maguan Daliangzi Hydro Power Project” (0791) submitted by the DOE (BVC) for the monitoring period 22 April 2009 to 21 April 2010;
- (b) “6.5MW WHR Project in Huasheng Tianya Cement Co., Ltd.” (1038) submitted by the DOE (BVC) for the monitoring period 1 July 2009 to 31 May 2010;
- (c) “N₂O decomposition project of Henan Shenma Nylon Chemical Co., Ltd” (1083) submitted by the DOE (SGS) for the monitoring period 1 July 2009 to 15 December 2009;
- (d) “N₂O decomposition project of Henan Shenma Nylon Chemical Co., Ltd” (1083) submitted by the DOE (SGS) for the monitoring period 16 December 2009 to 30 April 2010;
- (e) “Changwa 10 MW Small-scale Hydro Project” (1535) submitted by the DOE (TÜV Rheinland) for the monitoring period 9 July 2008 to 31 August 2009;
- (f) “Yidaoqiao Hydropower Project in Tiechang River, Jiulong County, Sichuan Province” (2162) submitted by the DOE (BVC) for the monitoring period 31 January 2009 to 25 July 2009.

84. The Board considered the response from the Meth Panel on the applicability and application of methodology AM0013 (version 4) in the context of notification of changes of project activity for “Methane Recovery and Utilisation Project at TSH Kunak Oil Palm Mill” (0916) submitted by the DOE (TÜV NORD). The Board decided to instruct the DOE to submit the revised documentation which takes into account the Meth Panel's recommendation.

85. The Board considered the response from the Meth Panel on the acceptability of the alternative approach for the monitoring and determination of the parameter “Flow rate of the heat generation equipment stack gases” in the context of request for the revision of the monitoring plan for “Siam Quality Starch Wastewater Treatment and Energy Generation Project in Chaiyaphum, Thailand” (1993) submitted



by the DOE (DNV). The Board decided to approve the revisions to the monitoring plan.

86. In accordance with the “Procedure for review of requests for issuance of CERs” adopted at its fifty-fifth meeting, the Board considered an objection raised by a member of the Board to the proposed ruling for the request for issuance of project activity (1238) “N₂O decomposition project of PetroChina Company Limited Liaoyang Petrochemical Company”, submitted by the DOE (SGS) for the monitoring period 1 December 2009 to 13 March 2010. The Board decided to amend the proposed ruling and requested the secretariat to communicate the final ruling to the DOE and the project participant in accordance with the review procedure.

Agenda item 4. CDM management plan and resources for the work on the CDM

Resources

87. The Board took note of the contents of the comprehensive report on the status of resources and status of the secretariat’s recruitment, for the first quarter of 2011, as reflected in [annex 24](#) to this report. It was noted that the total income generated for up to the end of the first quarter, 31 March 2011, amounted to USD 51,185,049, which includes the carry-over from 2010 of USD 33,643,652. The Board further noted that figures for fees for the reporting period 1 January to 31 March 2011 were also provided, indicating income of USD 5,658,757 from registration fees and USD 11,880,641 from shares of proceeds. The Board also noted the data contained in the same annex regarding the status of recruitment as at the end of the first quarter.

88. The Board considered an assessment of compliance with indicative timelines set by the Board in different processes and requested the secretariat to continue to report on all processes. The Board noted the new standard set of reports that included graphic aids for all processes.

Agenda item 5. Other matters

Agenda sub-item 5 (a): Regional and sub-regional distribution and capacity-building

89. The Board took note of an update on the selection of an implementing agency and the arrangements to ensure the operationalization of the loan scheme. The Board requested the secretariat to keep updated on the evolution of this process.

Agenda sub-item 5 (b): Relations with Designated Operational and Applicant Entities

90. The Board took note of the report by the chair of the CDM DOE/AE Coordination Forum, Mr. Werner Betzenbichler.

91. The chair of the DOE/AE Coordination Forum elaborated the input received from entities for the consideration of the Board, and sought guidance from the Board on the following:

- (a) Consideration of waste gas prices;
- (b) Outline of a procedure on excess issuance.

92. The chair of the forum reported that the first interaction of the forum with the CDM-AP was positive. He recommended that the CDM-AP report should be available earlier to allow comments. The DOE/AE Forum noted its appreciation on the solution-oriented PoA workshop and proposed that an announcement of the workshops is done six weeks in advance of the planned date. Mr. Werner Betzenbichler informed about the satisfaction of the DOEs with the report on DOE performance, as it focuses on lessons learned, and suggested that issues from small and large scale methodologies are dealt separated in the analysis and that the actions suggested in the report are implemented as soon as possible.



Regarding the assessment report of CDM project cycle, he informed the Board that the DOEs are not in favor of a minimum length of monitoring period and that they have concerns with the provisions related to excess of issuance of CERs. The chair of the forum further required clarity on the provisions for the treatment of comments in the global stakeholder consultation process.

93. The Board noted that the secretariat will answer the individual DOE submissions. In addition, members responded to some of the questions raised by the chair of the DOE/AE Forum.

94. The Chair of the Board thanked Mr. Betzenbichler for his inputs and encouraged the forum to continue to raise issues related to the implementation of its guidance.

Agenda sub-item 5 (c): Relationship with stakeholders, intergovernmental and non-governmental organizations (registered accredited observers)

95. The Board met with registered observers for an informal interaction on the last day of the meeting and agreed to continue with such meetings in the last day of its future meetings, unless otherwise indicated. These meetings are available on webcast.

96. The Board further agreed to continue to meet under the same type of arrangement and to reconsider the issue when necessary. Observers to the sixty-second meeting of the Board shall have registered with the secretariat by 20 June 2011. In order to ensure proper security and logistical arrangements, the Board emphasized that this deadline will be strictly enforced by the secretariat.

97. The Board took note of the communications sent to the Board and requested the secretariat to expedite the process of answering these letters in consultation with the Chair of the Board.

98. The Board considered a letter received from the DNA of Columbia regarding matters related to the DNA's duties and rights in addressing post-registration matters for CDM project activities and requested the secretariat to consider the issues raised in the discussion and provide the Board with options for consideration at a future meeting.

99. The Board considered a letter received from project participants of INEOS Fluor IFJ Korea, dated 24 March 2011 and noted that there was a delay in the letter being forwarded to the Board. While the delay was regrettable, the Board's view was that it did not affect its deliberation, as the letter did not contain information that would have in any way changed its consideration of the substantive issues in question.

Agenda sub-item 5 (d): Other business

100. The Board welcomed an update from the secretariat on recent developments and prospects in the carbon market and related government policies. The Board requested the secretariat to prepare a report on such information on a quarterly basis and made additional suggestions as to the content of such reports.

101. The Board agreed to the revised "CDM Executive Board decision framework: decision hierarchy, document types and control of documentation issued by the Board", as contained in [annex 25](#) to this report. The revisions include: a title change to better reflect the content of the document; editorial changes to some definitions; and further information relating to the differences between editorial revisions and version updates, their effective dates and the modalities of notification to the public.

102. The Board agreed to the work plan for improving the format of the meeting reports and documentation of the Board and its panels and working groups and requested the secretariat to initiate actions as stated in the work plan, as contained in [annex 26](#) to this report.



103. The Board took note of an update regarding the translation of CDM documentation into the six UN official languages and noted that a summary of the meeting reports will be made public available as of this meeting and that the translation of these summaries will be available as of the sixty-second meeting of the Board.

104. The Board agreed to consider the need for panels and working groups to hold retreats and, if so, the scope of these retreats, at a future meeting.

105. The Board took note with appreciation of the invitation of Ms. Fatou Gaye, on behalf of the Government of Gambia, to host a SSC WG meeting. The Board requested the secretariat to explore the possibilities to organize the meeting taking into account formal, legal and logistical arrangements. The Board also agreed to consider the issue of whether or not to hold meetings of its support structure outside of Bonn at a future meeting.

106. The Board agreed on the revised tentative calendar of meetings of the Board and its panels and working groups for 2011 to reflect the changes to the meeting dates of the SSC WG. The revised tentative calendar is contained in [annex 27](#) to this report.

107. The Board agreed on the provisional agenda for its sixty-second meeting, to be held in Marrakesh, Morocco, from 11 to 15 July 2011, as contained in [annex 28](#) to this report.

Agenda item 6. Conclusion of the meeting

108. The Vice-Chair summarized the main conclusions.

Agenda sub-item 6 (a): Summary of decisions

109. Any decisions taken by the Board shall be made publicly available in accordance with paragraph 17 of the CDM modalities and procedures and with rule 31 of the rules of procedure of the Board.

Agenda sub-item 6 (b): Closure

110. The Vice-Chair closed the meeting.

**Annexes to the report*****Membership***

Annex 1 - Terms of reference for panels and working groups (version 01)

Accreditation

Annex 2 - DOE annual activity report to the Board form (F-CDM-AAR) (version 01)

Methodologies

Annex 3 - AM0091 - Energy efficiency technologies and fuel switching in new buildings (version 01.0.0)

Annex 4 - ACM0019 - N₂O abatement from nitric acid production (version 01.0.0)

Annex 5 - ACM0012 - Clarification on the approved consolidated methodology ACM0012 version 03.2 regarding CDM project activities that recover waste energy in greenfield facilities (version 01)

Annex 6 - AM0038 - Methodology for improved electrical energy efficiency of an existing submerged electric arc furnace used for the production of silicon and ferro alloys (version 03.0.0)

Annex 7 - AM0055 - Recovery and utilization of waste gas in refinery (version 02.0.0)

Annex 8 - AM0063 - Recovery of CO₂ from tail gas in industrial facilities to substitute the use of fossil fuels for production of CO₂ (version 01.2.0)

Annex 9 - AM0090 - Modal shift in transportation of cargo from road transportation to water or rail transportation' (version 01.1.0)

Annex 10 - Tool to determine methane emissions avoided from disposal of waste at a solid waste disposal site (version 05.1.0)

Annex 11 - Tool to determine the mass flow of a greenhouse gas in a gaseous stream (version 02.0.0)

Annex 12 - Tool to calculate the emission factor for an electricity system (version 02.2.0)

Annex 13 - Guidelines on the assessment of investment analysis (version 04)

A/R WG

Annex 14 - AR-AM0014 - Afforestation and reforestation of degraded mangrove habitats (version 01.0.0)

Small-scale

Annex 15 - AMS-I.I - Biogas/biomass thermal applications for households/small users (version 02)

Annex 16 - AMS-I.C - Thermal energy production with or without electricity (version 19)

Annex 17 - AMS-I.D - Grid connected renewable electricity generation (version 17)

Annex 18 - AMS-I.F - Renewable electricity generation for captive use and mini-grid (version 02)

Annex 19 - AMS-III.C - Emission reductions by electric and hybrid vehicles (version 13)

Annex 20 - AMS-III.Q - Clarification on the approved methodology AMS-III.Q version 04 regarding the requirement for recovery of waste gas/heat/pressure to be a new initiative (version 01)

Annex 21 - General guidelines to SSC CDM methodologies (version 17)



Matters relating to programme of activities

Annex 22 - Procedures for review of erroneous inclusion of a CPA (version 03)

Matters relating to the registration of CDM project activities

Annex 23 - Guidance for the development, revision and consolidation of standards and procedures related to the CDM project cycle (version 01)

Management plan and resources for the work on the CDM

Annex 24 - Comprehensive report on the status of resources and recruitment for the first quarter of 2011

Other matters

Annex 25 - CDM Executive Board decision framework: decision hierarchy, document types and control of documentation issued by the Board (version 03)

Annex 26 - Work plan for improving format of meeting reports and documentation of the CDM Executive Board and its panels and working groups (version 01)

Annex 27 - Calendar of meetings of the CDM Executive Board and its panels and working groups in 2011 (version 05)

Annex 28 - Provisional agenda for the sixty-second meeting of the CDM Executive Board

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Endnotes

1. Due to the proximity of the next SSC WG meeting, the call will be open exceptionally for two weeks.