



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

Date: 17 September 2010
Ref: CDM-EB-56

EXECUTIVE BOARD OF THE CLEAN DEVELOPMENT MECHANISM
FIFTY-SIXTH MEETING

Report

Date of meeting: 13–17 September 2010

Location: Brasília, Brazil

Attendance: The names of members and alternate members present at the fifty-sixth 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
<i>Mr. Pedro Martins Barata²</i>	<i>Mr. Lex de Jonge²</i>
<i>Mr. Maosheng Duan¹</i>	<i>Ms. June Hughes²</i>
<i>Mr. Philip M. Gwage²</i>	<i>Mr. Paulo Manso²</i>
<i>Mr. Tahar Hadj-Sadok¹</i>	<i>Mr. Samuel Adeoye Adejuwon¹</i>
<i>Mr. Martin Hession¹</i>	<i>Mr. Thomas Bernheim¹</i>
<i>Mr. Shafqat Kakakhel¹</i>	<i>Mr. Rajesh Kumar Sethi¹</i>
<i>Mr. Clifford Mahlun²</i>	<i>Mr. Asterio Takesy²</i>
<i>Ms. Diana Harutyunyan²</i>	<i>Ms. Danijela Bozanic²</i>
<i>Mr. Hugh Sealy¹</i>	<i>Mr. José Domingos Miguez¹</i>
<i>Mr. Peer Stiansen¹</i>	<i>Mr. Akihiro Kuroki¹</i>

¹ Term: Two years (term of service ends immediately before the first meeting in 2011)

² Term: Two years (term of service ends immediately before the first meeting in 2012)

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. Membership issues (including disclosure of possible conflict of interest)**

1. Mr. Clifford Mahlung, 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 took note of the resignation of Mr. Kamel Djemouai as a member of the Board. On behalf of the Board, the Chair expressed deep appreciation to Mr. Kamel Djemouai for his dedication and excellent support to the Board.
3. The Board elected the new member of the Board, Mr. Tahar Hadj-Sadok from Algeria, via electronic decision making, as per rules 8 and 30 of the "Rules of procedures of the Executive Board". Following the resignation of Mr. Kamel Djemouai, the African Group nominated Mr. Tahar Hadj-Sadok, who assumes the vacant seat.
4. With regard to Rule 8 of the Rules of Procedures of the Board which state that if a member/alternate member resigns or is otherwise unable to complete the assigned term of office, the Board may decide to appoint another member/alternate member, from the same constituency to replace the said member, the Board revised the process agreed at its ninth meeting¹ and agreed that once a nomination for a vacant post is received from a constituency, the Board will accept this nomination automatically, in order to fill the vacant position as quick as possible.
5. The Board noted that the secretariat was informed that Mr. Pedro Barata, Mr. Philip Gwage and Mr. Tahar Hadj-Sadok were unable to attend the meeting and had provided proper justification for their absence.
6. The Board considered information provided by members and alternate members, including 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>.
7. Following the request by the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol at its fifth session (CMP 5) to recommend terms of reference for membership of the Board that clarify the set of skills and expertise as well as the expected time commitment required by members and alternate members for consideration by the CMP at its sixth session, the Board requested the secretariat to prepare draft terms of reference based on the discussions held by the Board in the policy retreat, which is planned to be held back-to-back to the fifty-sixth meeting of the Board. These draft terms of reference are to be considered by the Board at its fifty-seventh meeting.

Agenda item 2. Adoption of the agenda

8. The Board adopted the agenda of the meeting.

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

9. The Board took note of the fiftieth progress report on the work of the CDM Accreditation Panel (CDM-AP), and an oral report by its Chair, Mr. Samuel Adeoye Adejuwon. 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*

10. The Board considered the recommendations of the CDM-AP and agreed to accredit and provisionally designate the entities:

- (a) "CEPREI certification body" (CEPREI) for the validation and verification/certification functions for three years in the sectoral scopes 1-5, 8-10, 13 and 15;
- (b) "LGAI Technological Center, S.A." (LGAI) for the validation and verification/certification functions for three years in the sectoral scopes 1 and 13.

11. The Board took note of a notification by the CDM-AP on the unsuccessful outcome of a performance assessment activity for the entity "TÜV Rheinland Japan Ltd." (TÜV Rheinland). The full implementation of corrective actions resulting from this performance assessment will be verified as a part of a regular on-site surveillance.

General guidance

12. The Board revised the "CDM accreditation standard for operational entities", as contained in [annex 1](#) to this report. The revised CDM accreditation standard enhances requirements on, inter alia, the impartiality, the allocation of some of the designated operational entities (DOEs) functions to site other than the central office of the DOE and the technical competence of DOEs. The Board agreed to give a grace period of six months for applicant entities (AEs) and DOEs to comply with the revised CDM accreditation standard (i.e. the effective date is 17 March 2011). Furthermore, the Board agreed to withdraw a stand-alone document "Guidelines for the preparation of the annual activity report by a DOE to the Executive Board" on the effective date of the revised CDM accreditation standard, as the provisions related to the guidelines are incorporated in [annex C](#) to the revised CDM accreditation standard.

13. The Board revised the "Procedure for accrediting operational entities by the CDM Executive Board", as contained in [annex 2](#) to this report. The revised CDM accreditation procedure further streamlines and clarifies the process, specifically in the spot-check and suspension sections, reducing timelines for the re-accreditation process and developing procedures to handle complaints/disputes from and against AEs/DOEs. The Board agreed to give a grace period of two months for the implementation of the revised CDM accreditation procedure (i.e. the effective date is 17 November 2010). The Board clarified that the revised CDM accreditation procedure shall apply to those steps of accreditation activities which commence after the effective date of the revised accreditation procedure.

14. The Board considered an update by the secretariat on the implementation of the policy framework to monitor the performance of DOEs. The Board took note of the calculation of indicators for DOEs related to requests for registration and issuance submitted between 1 January 2010 and 30 June 2010. The Board requested the secretariat to expedite the development of the necessary information systems to support the implementation of system-wide performance. The Board also took note of potential revisions to the policy framework and requested the secretariat to develop reporting templates, consider potential revisions to indicator I1 to account for the wider range of issues being identified in the information and reporting check, and develop additional indicators, in particular for performance in the area of requesting revision of monitoring plans. The Board further requested the secretariat to provide the next update on DOE performance at the fifty-eight meeting of the Board.

15. The Board considered a draft "Procedure on the matter of liability of the DOEs for excess issuance of the CERs" and agreed to launch a call for public inputs on this draft procedure. The Board further requested the secretariat to prepare a summary of the inputs received for consideration of the Board at the fifty-seventh meeting. The Board agreed that it will consider at the next meeting if there is a need for bringing any matter related to this issue to the attention to the CMP. Due to the proximity of the



next Board meeting and the fact that the document has been publicly available for two weeks before the Board meeting, the calls for public comments will be open for three weeks from **17 September 2010 ending on 8 October 2010** on the UNFCCC CDM website.

16. The Board considered the possible introduction of the concepts of materiality and level of assurance. The Board agreed to the need for consultation with relevant stakeholders on this issue and to launch a call for inputs on this matter. This call will be open from **17 September 2010 to 15 October 2010** on the UNFCCC CDM website. The Board further agreed that a discussion related to the threshold and the scope of the application of materiality, and how to implement in practice the concept in CDM is required at a future meeting.

Further schedule

17. The Board noted that the fifty-first meeting of the CDM-AP will be held on 20–22 October 2010 in Bonn, Germany.

18. The Board decided to postpone the fifty-second meeting of the CDM-AP to early 2011, previously scheduled for 15-17 December 2010.

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

19. The Board took note of the report of the forty-fifth meeting of the panel on baseline and monitoring methodologies (Meth Panel), and an oral report by the Chair of the panel, Mr. Lex de Jonge, on the work of the panel.

Case specific

20. Taking into consideration the inputs by experts (desk reviewers), the public and the recommendations of the Meth Panel, the Board agreed to:

Approve cases:

- (a) AM0089: “Production of diesel using a mixed feedstock of gasoil and vegetable oil”, as contained in annex 3 of this report;
- (b) AM0090: “Modal shift in transportation of cargo from road transportation to water or rail transportation”, as contained in annex 4 of this report.

Not to approve case:

- (a) NM0310: “Carbon dioxide emission reductions by the introduction of Hot Direct Reduction Iron in the Electric Arc Furnaces”, which, if revised, taking into account comments, can be resubmitted but will require new expert and public input.

21. The Board requested the panel to consider whether in the case of methodology AM0089: “Production of diesel using a mixed feedstock of gasoil and vegetable oil”, consumers may be excluded from project boundary and prepare the revised methodology for consideration by the Board at its fifty-eighth meeting.

22. The Board further requested the panel to consider whether in the case of methodology AM0090: “Modal shift in transportation of cargo from road transportation to water or rail transportation” a possible increase in amount of cargo transported by the project transportation mode in a year and/or Amount of cargo transported by the project transportation mode in the return trips in a year need not to trigger application of the “Procedures for notifying and requesting approval of changes from the project activity as described in the registered project design document” and report to the Board at a future



meeting. The panel is requested also to consider the following issues:

- a. use of idle capacity for rail and navigation;
- b. switch from rail to navigation.

Responses to requests for clarification

23. The Board took note of the responses provided by the Meth Panel on the requests for clarification AM_CLA_0187 to AM_CLA_0189 referred to in the Meth Panel 45 report.

Responses to requests for revisions

24. The Board agreed to the responses prepared by the Meth Panel to revisions and the resultant revision of approved methodologies:

- (a) To accept request AM_REV_0145 concerning revision to the approved consolidated methodology ACM0006 to propose a new scenario (scenario 22) to include the situation in which biomass residues and fossil fuels are used in the baseline scenario;
- (b) Not to accept request AM_REV_0149 concerning revision of the approved consolidated methodology ACM0014 to include an alternative approach to appendix II for estimation of the chemical oxygen demand that is lost through sedimentation and correction of equation 17;
- (c) To accept request AM_REV_0169 concerning revision of the approved consolidated methodology ACM0006 to amplify the applicability by the addition of a new project scenario based on a new combination of the existing alternative baseline scenarios;
- (d) Not to accept request AM_REV_0172 concerning revision of the approved consolidated methodology ACM0006 to include combination of baseline scenarios;
- (e) To accept request AM_REV_0177 concerning revision of the approved consolidated methodology ACM0006 to include a new scenario for biomass residue based project activities which use fossil fuels during non-availability of the biomass residues, through the inclusion of new alternatives for power and heat (P12 and H11);
- (f) To accept request AM_REV_0180 concerning revision of the approved consolidated methodology ACM0006 to include a new scenario for fuel switch project in order to expand the methodology;
- (g) To accept request AM_REV_0183 concerning revision of the approved consolidated methodology ACM0006 to include a new scenario (scenario 23) using less biomass than the project scenario;
- (h) Not to accept request AM_REV_0195 concerning revision of the approved methodology AM0050 to expand the scope of the methodology to include different conditions, data sources, etc;
- (i) To accept request AM_REV_0196 concerning revision of the approved consolidated methodology ACM0006 to include a new scenario in order to expand the methodology.

**Revision of approved methodologies**

25. The Board revised the following approved consolidated methodologies:
- (a) **ACM0002:** The revision is in order to apply a clarification to the term existing reservoir, which is a reservoir that has been in operation since at least three years before the start date of the project activity. The Board further requested the panel to further revise the methodology in order to include a definition of reservoir for consideration by the Board at its fifty-eighth meeting. The revised methodology is contained in [annex 5](#) to this report;
 - (b) **ACM0006:** The revision, inter alia, (i) removes the scenario-based approach to determine its applicability to specific project activities, and (ii) provides a new approach to determine the baseline and the project emissions. The revised methodology is contained in [annex 6](#) to this report
 - (c) **ACM0013:** The revision (i) clarifies that the referential point in time for historical data, required in the calculation of baseline emissions, is the date of submission of the PDD for validation of the project activity; (ii) includes a definition for cogeneration plants; (iii) broadens the applicability of the methodology to power plants that fire other fuel categories, than the main fuel, up to 3% on an energy basis for start-up or auxiliary purposes; and (iv) includes minor editorial improvements. The revised methodology is contained in [annex 7](#) to this report;
 - (d) **ACM0017:** The revision clarifies that the methodology is not applicable for the dedicated plantations established on peatlands and that the possibility to account for the CO₂ emissions resulting from changes in soil carbon stocks as zero applies only to perennial plants. The revised methodology is contained in [annex 8](#) to this report.

26. The revised versions of the methodologies referred to in the paragraph above may be applied in project activities seeking validation after 17 September 2010. The DOEs may upload for registration the PDDs of project activities in which the previous version of the above mentioned approved methodologies have been applied not later than on 17 May 2011 (24:00 GMT), in accordance with the procedure for the revision of approved methodologies.

General guidance

27. The Board approved the revised “Guidelines on apportioning emissions from production processes between main product and co- and by-products” to include editorial changes. The revised guidelines are contained in [annex 9](#) of this report.

28. The Board considered draft revision of the “Combined tool to demonstrate additionality and identify the baseline scenario” and requested the panel to continue work on the tool in order to include definition of the potential alternative scenarios to the proposed project activity available to project participants that can/cannot be implemented in parallel to the proposed project activity and make the revised tool available for consideration by the Board at its future meeting.

29. The Board approved the definition for abnormal campaign to be applied in the context of the methodology AM0034 “Catalytic reduction of N₂O inside the ammonia burner of nitric acid plants”:

Abnormal campaign is an event when:

- (a) The gauze does not achieve an ammonia conversion efficiency of 90% for at least 90% of the time duration of the design campaign; or



- (b) The physical damage to the primary catalyst is observed, resulting in replacement of the catalyst.

For historical campaigns occurring before implementation of the project activity if more than two campaigns in the five historical campaigns immediately preceding baseline campaign meet the above definition, only the two of them characterized with the lowest nitric acid production shall be deemed abnormal. The Board requested the Meth Panel to revise the methodology AM0034 by including this definition.

30. The Board considered a note by the Meth Panel regarding consistency of approved methodologies with the “Tool to assess the validity of the original/current baseline and to update the baseline at the renewal of a crediting period” and decided to request the secretariat to revise the tool in order to cover cases when end of the technical lifetime of the baseline equipment occurs before the end of the first, second and third renewable crediting period taking into account guidance provided in paragraph 49 (a) of the decision 3/CMP.1 and make the revised tool available for consideration by the Board at its fifty-eighth meeting.

31. The Board further requested the panel to adjust all methodologies which are identified as not complying with the Board ruling on the reassessment of baseline emission by removing reference to the reassessment of the baseline scenario.

32. The Board considered a note by the Meth Panel regarding the “Tool to calculate the emission factor for an electricity system” and requested the panel to perform further analysis to determine if the use of ex ante dispatch analysis is suitable when compared with other methods of estimating operating margin and revise the tool as appropriate. The revised tool should be available for consideration by the Board at its fifty-ninth meeting.

33. The Board considered an update by the secretariat on the work related to first-of its-kind and common practice and requested the secretariat to further work on it for consideration of the Board at a future meeting.

34. The Board took note that the Meth Panel considered the request by the Board with regard to the revision of approved methodologies to further improve their objectivity, applicability, usability and consistency and look forward for an update by the panel at the fifty-eighth meeting of the Board.

35. The Board took note that the Meth Panel intends to discuss the first outputs from the work on HFC projects as requested in its next meeting by the Board.

36. The Board took note that the deadline for the thirty-seventh round of submissions of proposed new methodologies to be considered at forty-seventh meeting of the panel (the first meeting in 2011) shall be 8 November 2010.

37. The Board took note that the deadline for submission of requests for revision and requests for clarification to be considered at the forty-sixth meeting of the Meth Panel was 30 August and 13 September 2010 (24:00 GMT), respectively.

38. The Board expressed its deep appreciation to the resigned member of the Meth Panel, Mr. Lambert Schneider. The Board considered the shortlist of applicants received in response to the previous call for experts and agreed to appoint Mr. Alex Dunn to the vacant seat for the remaining of the term.

Further schedule

39. The Board noted that the forty-sixth meeting of the Meth Panel will be held from 25–29 October 2010 in Bonn, Germany.



40. The Board requested the secretariat to organize an extraordinary meeting of the Meth Panel to be held in Bonn, Germany at a date that allows the panel to finalize the advice to the Board on HCFC-22 production and HFC-23 generation as related to methodology AM0001 to be considered by the Board at its fifty-eighth meeting.

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

41. The Board took note of the report on the work of the twenty-ninth meeting of the A/R WG and an oral report by its Chair, Mr. José Domingos Miguez, on the work of the group.

Case specific

42. Taking into consideration the inputs by the experts (desk reviewers), the public, and the recommendations of the A/R WG, the Board approved the following methodology:

- (a) AR-AMS0007: “Simplified baseline and monitoring methodology for small-scale A/R CDM project activities on grasslands or croplands”, as contained in [annex 10](#) to this report.

Responses to requests for clarification

43. The Board took note of the responses provided by the A/R WG on the requests for clarification SSC_AR_006 as provided by the A/R WG and referred to in the report of the twenty-ninth meeting of the A/R WG.

Revision of approved methodologies

44. The Board revised the following approved methodologies:

- (a) AR-AMS0001: The revision corrects equations 33, 34, 35 and 36 and changes the title of the methodology. The revised methodology is contained in [annex 11](#) to this report;
- (b) AR-ACM0001: The revision broadens applicability of the consolidated methodology by allowing more than 10% of project area to be ploughed in the project scenario and also introduces simplified methods for estimation of initial biomass of living trees in the baseline. The revised methodology is contained in [annex 12](#) to this report;

45. The revised versions of the methodologies referred to in the paragraph above may be applied in project activities seeking validation after 17 September 2010. The DOEs may upload for registration the PDDs of project activities in which the previous version of the above mentioned approved A/R methodologies have been applied not later than on 17 March 2012 (24:00 GMT), in accordance with the procedure for the revision of approved methodologies.

General guidance

46. The Board approved the revised tool “Estimation of carbon stocks and change in carbon stocks of trees and shrubs in A/R CDM project activities” as contained in [annex 13](#) to this report.

47. The Board approved the revised “Guidelines for completing the CDM A/R forms for: the project design document (CDM-AR-PDD) and the proposed new baseline and monitoring methodology (CDM-AR-NM)”, as contained in [annex 14](#) to this report.

Further schedule

48. The Board noted that the thirtieth meeting of the A/R WG will be held from 18–20 October 2010 in Bonn, Germany.

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

49. The Board took note of the report on the work of the twenty-seventh meeting of the Small Scale Working Group (SSC WG) and an oral report by the Chair of the working group, Mr. Peer Stiansen, on the work of the group.

Case specific

50. The Board approved a new small-scale methodology AMS-III.AM “Fuel switch in a cogeneration/trigeneration system”, assigned to sectoral scope 01, as contained in [annex 15](#) of this report. The methodology involves fossil fuel switch in a cogeneration or a trigeneration plant from a carbon intensive fuel (e.g. coal based system) to a low carbon intensive fuel (e.g. natural gas based system).

51. The Board approved a new small-scale methodology AMS-III.AN "Fossil fuel switch in existing manufacturing industries", assigned to sectoral scope 04, as contained in [annex 16](#) of this report. The methodology is for switching from a fossil fuel to either a lower carbon content fossil fuel or a lower carbon intensive electric grid energy source in existing manufacturing industries.

Responses to requests for clarification

52. The Board took note of the responses provided by the SSC WG on the requests for clarification SSC_431, SSC_434 to SSC_440, SSC_442 to SSC_444, SSC_446, SSC_448 to SSC_450, SSC_451, SSC_453 and SSC 455 as provided by the SSC WG and referred to in the report of the twenty-seventh meeting of the SSC WG.

Revisions of approved methodologies:

53. The Board agreed to the revised approved small-scale methodologies:

- (a) AMS-I.E “Switch from non-renewable biomass for thermal applications by the user”, to cover renewable energy water purification applications displacing non-renewable biomass usage, as contained in [annex 17](#) of this report;
- (b) AMS-I.C “Thermal energy production with or without electricity”, to include a procedure for determining baseline efficiency for a new cogeneration system where subsystem equipment are provided by different manufacturers, as contained in [annex 18](#) of this report;
- (c) AMS.III.X “Energy efficiency and HFC-134a recovery in residential refrigerators”, to remove the requirement to conclude the installation within the first year and to include projects that may not be undertaking the recovery or claiming emission reductions from recovering HFC, as contained in [annex 19](#) of this report.

54. The revised versions of the SSC methodologies referred to in the paragraph above referred to in the paragraph above may be applied in project activities seeking validation after 17 September 2010 in accordance with the procedure for the revision of approved SSC methodologies.

General guidance

55. The Board took note that as per the workprogramme for the SSC WG, the group has prepared a draft methodology top down for estimating GHG reductions from replacing fuel-based lighting (e.g., kerosene) with LED systems and it will be recommending the methodology after taking into account public inputs at or before its twenty-ninth meeting.

56. In the context of paragraph 35 of decision 2/CMP.5, the Board considered a recommendation by the SSC WG as contained in annex 7 of the twenty-seventh meeting report of the SSC WG.² The Board



agreed that the SSC WG should continue to address the issue where relevant in specific new methodologies and revisions of methodologies taking into account relevant approaches found in the methodologies approved by the Board.

57. The Board considered the recommendation by the SSC WG on the combination of SSC methodologies that could be applied in a PoA without specific pre-approval of combinations. It agreed that a combination of any one of the Type III methodologies where activities lead to generation of methane, i.e. AMS-III.H, AMS-III.D, AMS-III.F and AMS-III.G, with any one of the Type I methodologies for utilising the methane generated for generation of renewable energy, i.e. AMS-I.A, AMS-I.C, AMS-I.D and AMS-I.F, shall be included in the list of combinations of methodologies that can be applied in a PoA without a pre approval. The Board requested the secretariat to update the general guidelines to SSC methodologies by including these combinations. Further, the Board requested the SSC WG to continue to work on the issue and recommend additional combinations deemed suitable for application in PoAs without a PoA specific preapproval. Combinations not included in the list will be continued to be assessed on a case by case basis in the context of specific PoAs as detailed in the procedures for approval of the application of multiple methodologies to a programme of activities found at <http://cdm.unfccc.int/Reference/Procedures/PoA_proc03.pdf>

Further schedule

58. The Board thanked the Royal Ministry of Environment, Government of Norway for hosting the twenty-seventh meeting of the SSC WG in Arendal, Norway where excellent meeting facilities were provided for the work of the group.

59. The Board noted that the twenty-eighth meeting of the SSC WG will be held from 19–22 October 2010 in Bonn, Germany.

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

60. The Board noted that five (5) CDM programmes of activities have been registered by 17 September 2010. The status of requests for registration of programmes of activities can be viewed on the UNFCCC CDM website at <<https://cdm.unfccc.int/ProgrammeOfActivities/>>.

61. The Board noted that 961 component project of activities (CPAs) have been included for the registered PoA by 17 September 2010. The status on inclusion of CPAs can be viewed on the UNFCCC CDM website at <<https://cdm.unfccc.int/ProgrammeOfActivities/>>.

General guidance

62. The Board considered draft “Guidelines for determining the eligibility criteria related to the inclusion of CPAs in registered programmes of activities”, and requested the secretariat, with the support of some members of the Board, to revise the document based on the comments provided, for consideration by the Board at a future meeting.

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

63. The Board took note that 2,379 CDM project activities have been registered by 17 September 2010. 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

64. In accordance with the procedures for review as referred to in paragraph 41 of the CDM modalities and procedures, the Board considered a request for review of 64 requests for registration.



65. The Board agreed to register the project activities:

(a) “Gansu Yumen Diwopu Phase II Wind Power Project” (3167), taking note of the initial comments of the DOE (DNV) and the project participants. While the concern of the Board on the trend of tariff for similar projects exporting electricity to the same grid, as per EB 53, annex 32, has not been fully substantiated, the Board considers the project activity additional as with the application of the calculated reference tariff, validated by the DOE, the project IRR does not cross the benchmark;

(b) “Huaneng Changyi Phase I Wind Farm Project” (3353), taking note of the initial comments of the DOE (BVC) and the project participants. While the concern of the Board on the trend of tariff for similar projects exporting electricity to the same grid, as per EB 53, annex 32, has not been fully substantiated, the Board considers the project activity additional as with the application of the calculated reference tariff, validated by the DOE, the project IRR does not cross the benchmark.

66. The Board agreed to register with corrections the project activities:

(a) “Hanpingzui Hydropower Project in Gansu Province” (1698), if the project participant and the DOE (DNV) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the prior consideration of CDM and DOE's site visit;

(b) “Wind power project by AL – Wind Energy in Tamilnadu” (2947), if the project participant and the DOE (SGS) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the validation of benchmark, suitability of input values to the investment analysis, the grid emission factor and the monitoring plan;

(c) “N₂O reduction project at the WNA III nitric acid plant of Deepak Fertilisers & Petrochemicals Corporation Ltd. (“Deepak”), India” (2997), if the project participant and the DOE (TÜV SÜD) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review, regarding the additionality of the emission reduction, production capacity of facility and project emission;

(d) “Yunnan Province Yingjiang County Nanpian River Hydropower Station” (3014), if the project participant and the DOE (TÜV Nord) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the prior consideration of CDM;

(e) “Yangquan Nanmei (Group) Co., Ltd. Coalmine Methane Utilization Project” (3016), if the project participant and the DOE (DNV) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the project description, appropriateness of the benchmark, suitability of the input values to the investment analysis, availability of subsidies, common practice analysis, use of low concentration CMM, ex-ante demand of low concentration CMM, combined margin emission factor, monitoring plan, and meeting heat demand for pre-existing users;

(f) “Hubei Baokang Siping Hydropower Station” (3052), if the project participant and the DOE (TÜV Nord) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the prior consideration of CDM and the suitability of input values sourced from the PDR;



- (g) “Yinqiao and Luojiaba 11.5 MW Bundled Hydropower Project in Guizhou Province” (3081), if the project participant and the DOE (TÜV Rheinland) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the validation of coefficients of effective electricity;
- (h) “Green to Energy Wastewater Treatment Project in Thailand” (3085), if the project participant and the DOE (DNV) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of the benchmark for the investment analysis and suitability of data used for the emission factor calculation;
- (i) “Yunnan Yizi 19.2 MW Hydropower Project” (3094), if the project participant and the DOE (TÜV SÜD) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of operational hours, coefficient of effective electricity and electricity tariff;
- (j) “Yunnan Dali Dafengba 48 MW Wind Power Project” (3128), if the project participant and the DOE (TÜV Rheinland) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of the electricity tariff and the IRR calculation conducted;
- (k) “24 MW Waste Heat Recovery for Power Generation Project at Ningxia Saima Industry Co., Ltd.” (3135), if the project participant and the DOE (DNV) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of the investment analysis, suitability of the input values to the investment analysis, validation of the common practice analysis, availability of the waste heat, and appropriateness of monitoring plan ;
- (l) “Roaring 40’s Wind Farms (Khandke) Private Limited” (3142), if the project participant and the DOE (DNV) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the validation of the input values (electricity tariff) and the monitoring plan;
- (m) “Hubei Wangjiahe Hydropower Project” (3168), if the project participant and the DOE (TÜV SÜD) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of one IRR analysis and the comments received during the second global stakeholder consultation process. While the concern of the Board on the trend of tariff for similar projects exporting electricity to the same grid, as per EB 53, annex 32, has not been fully substantiated, the Board considers the project activity additional as with the application of the calculated reference tariff, validated by the DOE, the project IRR does not cross the benchmark;
- (n) “Renewable biomass based thermal energy generation in Mangal Textile Mills (I) Pvt. Ltd.” (3181), if the DOE (SGS) submits:
- (i) A revised validation report which incorporates the information submitted in response to the request for review regarding the suitability of input values to the investment analysis, suitability of escalation rate for fuel type, specific biomass fuel consumption and monitoring of each type of biomass; and
 - (ii) The spreadsheets used to calculate the specific biomass consumption;



- (o) “Bio-mass (Rice Husk) based Cogeneration project at M/s Rayana Paper Board Industries Ltd. (RPBIL), Vill: Dhaurahra, Post: Digha, Distt: Sant Kabir Nagar- 272 175, Uttar Pradesh” (3184), if the project participant and the DOE (DNV) submit a revised validation report which incorporates the information submitted in response to the request for review regarding the suitability of investment comparison analysis, credibility of proposed baseline, lifetime of the boiler and inconsistency in the efficiency of the baseline unit;
- (p) “Shanxi Gaoping biomass combined stoves and heater (BCSH) Project 1” (3185), if the project participant and the DOE (SGS) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of the estimated emissions due to electricity consumption and specific biomass consumption;
- (q) “Anhui Huaibei Qinan Coal Mine Methane Utilization Project” (3186), if the project participant and the DOE (DNV) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the validation of the project description, benchmark, project costs, plant load factor, government subsidies, baseline determination, elimination of the baseline alternatives and monitoring plan;
- (r) “Shaqu 14 MW CMM Power Generation Project in Shanxi Province (Phase I)” (3190), if the project participant and the DOE (TÜV SÜD) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of input values (heating price and government subsidies) to the investment analysis and the elimination of the baseline alternatives such as CMM flaring, additional captive power plant and heat generation;
- (s) “Qinxin CMM Power Generation Project” (3200), if the project participant and the DOE (TÜV SÜD) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of input values (government subsidies) to the investment analysis, the baseline determination (CMM utilization for heat generation) and the elimination of the baseline alternatives including VAM destruction, flaring and heating;
- (t) “Funing County Baida Hydropower Station” (3211), if the project participant and the DOE (TÜV Nord) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the prior consideration of CDM and suitability of the input values to the investment analysis;
- (u) “Gul Ahmed Combined Cycle Gas Turbine Project” (3213), if the project participant and the DOE (BVC) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the validation of the benchmark, suitability of input values to the investment analysis and remaining lifetime of the equipments. While the concern of the Board on the validation of the prevailing practice barrier has not been adequately substantiated, the Board considers the project activity additional based on the investment analysis;
- (v) “Hubei Province Zigui County Guanyintang Hydropower Station” (3250), if the project participant and the DOE (CQC) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the review regarding the suitability of input values to the investment analysis and the common practice analysis;
- (w) “Gansu Guazhou Xiangyang Phase II Wind Power Project” (3253), if the project participant and the DOE (DNV) submit a revised PDD and the corresponding validation report



which incorporate the information submitted in response to the request for review regarding the validation of sensitivity analysis. While the concern of the Board on the trend of tariff for similar projects exporting electricity to the same grid, as per EB 53, annex 32, has not been fully substantiated, the Board considers the project activity additional as with the application of the calculated reference tariff, validated by the DOE, the project IRR does not cross the benchmark;

(x) “Yangquan Yinying Coal Mine Methane (CMM) Power Generation Project of Yangquan City, Shanxi Province, P.R. China” (3266), if the project participant and the DOE (DNV) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of input values to the investment analysis, government subsidies, baseline determination (CMM utilization for heat generation) and the elimination of the baseline alternatives including VAM destruction, flaring and heating;

(y) “Zhenkang Fengweihe Hydropower Project in Yunnan Province” (3293), if the project participant and the DOE (TÜV Rheinland) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the inclusion of loan interest in the calculation of income tax and the common practice analysis;

(z) “Methane Reduction at the Taibe’e Landfill using In-situ Aeration” (3313), if the project participant and the DOE (DNV) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the possible after-use of the landfill;

(aa) “Wanzhou Kehua Cement WHR to 13.5 MW Electricity Project in Wanzhou District” (3340), if the project participant and the DOE (TÜV SÜD) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the start date of the project activity, suitability of annual O&M costs and utilization of waste heat in the baseline;

(ab) “Jilin Xiangyang 1st phase Wind Power Project” (3346), if the project participant and the DOE (SGS), submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the validation of investment costs, residual value, implementation schedule of the project activity and the operational hours;

(ac) “Guizhou Qingshuihe Gelibridge Hydropower Project” (3351), if the project participant and the DOE (TÜV SÜD) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of input values to the investment analysis, in particular total investment, plant load factor and electricity tariff;

(ad) “Project of Wastewater Treatment in Anning of Guangxi” (3369), if the project participant and the DOE (TÜV SÜD) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the coal consumption, compliance of the project activity with reference to paragraph 9 of the methodology, specifications of the boilers and baseline emissions;

(ae) “Yunnan Maguan Tongguo Hydropower Station” (3377), if the project participant and the DOE (TÜV SÜD) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of FSR, suitability of input values, revised spreadsheets, suitability of tariff, common practice analysis and the monitoring plan;



- (af) “Landfill Gas Recovery and Flaring Project in the El Verde Landfill, León” (3378), if the project participant and the DOE (SGS) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the additional investment and operational cost incurred by the leachate evaporation fueled with landfill gas;
- (ag) “Tian Siang Co- Composting Project” (3379), if the project participant and the DOE (TÜV SÜD) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of input values to the investment analysis and the monitoring plan;
- (ah) “Bundled fossil fuel switching to NG (natural gas) project in Gyeonggi-do, Republic of Korea” (3384), if the project participant and the DOE (KEMCO) submit a revised PDD and the corresponding validation report which incorporate:
- (i) The revised NPV calculations for each of the three sub-projects in the bundle that considered the subsidies from the Low-NO_x burner supporting policy; and
 - (ii) The revisions with regards to the determination of the remaining lifetime of all the boilers in the project activity, in particular, applying option (c) from "Tool to determine the remaining lifetime of equipment" for all equipment with the assumption that the last day of the remaining lifetime of the earliest commissioned boiler shall be applied for all the boilers included in the bundled project activity;
- (ai) “CECIC HKE Zhangbei Lvnaobao Wind Power Project” (3399), if the project participant and the DOE (TÜV SÜD) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of input values to the investment analysis. While the concern of the Board on the trend of tariff for similar projects exporting electricity to the same grid, as per EB 53, annex 32, has not been fully substantiated, the Board considers the project activity additional as with the application of the calculated reference tariff, validated by the DOE, the project IRR does not cross the benchmark;
- (aj) “Inner Mongolia Chifeng Gaofeng Wind Power Project” (3439), if the project participant and the DOE (DNV) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of input values to the investment analysis and the sensitivity analysis.
67. After the submission of the specified documentation, the secretariat, in consultation with the Chair of the Board, will check the revised documentation before the activity is displayed as registered.
68. The Board agreed to undertake a review of the project activities:
- (a) “Hangzhou Huadian Banshan Power Generation Co., Ltd.’s Natural Gas Power Generation Project” (2705), submitted for registration by the DOE (DNV), and that the scope of this review is relating to issues associated with validation requirements , as contained in [annex 20](#) to this report;³
 - (b) “Yunnan Kegonghe 10 MW Hydropower Project” (3015), submitted for registration by the DOE (TECO), and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 21](#) to this report;⁴
 - (c) “Kamojang Geothermal” (3028), submitted for registration by the DOE (TÜV Nord), and that the scope of this review is relating to issues associated with validation requirements, as



contained in [annex 22](#) to this report;⁵

(d) “Tunlan Coal Mine Methane Utilization Project, Shanxi Province, People’s Republic of China” (3067), submitted for registration by the DOE (TÜV SÜD), and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 23](#) to this report;⁶

(e) “Yunnan Youfanggou Hydropower Project” (3082), submitted for registration by the DOE (KFQ), and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 24](#) to this report;

(f) “Xinjiang Dabancheng Sanchang Phase IV Wind Power Project” (3107), submitted for registration by the DOE (DNV), and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 25](#) to this report;

(g) “Jilin Longyuan Changling Shuanglong Phase I Wind Power Project” (3122), submitted for registration by the DOE (DNV), and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 26](#) to this report;

(h) “Ningxia Rujigou Coal Mine Methane Power Generation Project” (3130), submitted for registration by the DOE (TÜV SÜD), and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 27](#) to this report;⁷

(i) “Inner Mongolia Saiwusu I Wind Power Project” (3134), submitted for registration by the DOE (DNV), and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 28](#) to this report;

(j) “Tiantie Metallurgy Group CDQ Project” (3162), submitted for registration by the DOE (LRQA), and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 29](#) to this report;

(k) “Malan Coal Mine Methane Utilisation Project” (3180), submitted for registration by the DOE (LRQA), and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 30](#) to this report;⁸

(l) “Xinjiang Midong Tianshan Cement Co.Ltd’s 1600td Utilization Calcium Carbide for Cement Clinker Project” (3183), submitted for registration by the DOE (DNV), and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 31](#) to this report;⁹

(m) “Thermal energy generation from renewable biomass by Amir Chand Jagdish Kumar Exports Ltd.” (3188), submitted for registration by the DOE (DNV), and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 32](#) to this report;

(n) “6 MW Biomass Based Power Project in Assam by BEPL” (3189), submitted for registration by the DOE (SGS), and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 33](#) to this report;¹⁰

(o) “Biogas recovery and Thermal Power production at CITRUSVIL Citric Plant in Tucumán, Argentina” (3192), submitted for registration by the DOE (SGS), and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 34](#) to this report;¹¹



- (p) “Wayang Windu Phase 2 Geothermal Power Project” (3193), submitted for registration by the DOE (TÜV SÜD), and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 35](#) to this report;¹²
- (q) “Funing County Gula Township Nalin Hydropower Station” (3212), submitted for registration by the DOE (TÜV Nord), and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 36](#) to this report;
- (r) “SDIC Xiyang Baiyangling CMM to power generation project” (3219), submitted for registration by the DOE (DNV), and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 37](#) to this report;¹³
- (s) “Energy efficient power generation in Tirora, India” (3225), submitted for registration by the DOE (SGS), and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 38](#) to this report;¹⁴
- (t) “Suzhou Landfill in Anhui Province Gas Utilization Project” (3260), submitted for registration by the DOE (LRQA), and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 39](#) to this report;¹⁵
- (u) “Guangxi Longsheng Lejiang Hydropower Project” (3269), submitted for registration by the DOE (LRQA), and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 40](#) to this report;¹⁶
- (v) “Yunnan Wenshan Yanlashan Hydropower Project” (3280), submitted for registration by the DOE (KFQ), and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 41](#) to this report;¹⁷
- (w) “Ningxia Wulan Coal Mine Methane Power Generation Project” (3289), submitted for registration by the DOE (TÜV SÜD), and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 42](#) to this report;¹⁸
- (x) “Hebei Kangbao Sanxiatian Wind Farm Project” (3312), submitted for registration by the DOE (BVC), and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 43](#) to this report;¹⁹
- (y) “Trang Palm Oil Wastewater Treatment Project in Trang Province, Thailand” (3335), submitted for registration by the DOE (JQA), and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 44](#) to this report;²⁰
- (z) “Sichuan Jinyanxi 8 MW Hydropower Project” (3393), submitted for registration by the DOE (TÜV SÜD), and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 45](#) to this report.²¹

69. The Board agreed on the nomination of the members of the review teams for the above. The review teams may call on outside expertise in consultation with the Chair of the Board, as appropriate.

70. In accordance with the procedures for review as referred to in paragraph 41 of the CDM modalities and procedures, the Board considered the recommendation of the review team for one (1) project activity which was placed “Under review” at the fifty-fifth meeting of the Board.

71. In accordance with paragraphs 17 and 18 (b) of the above-mentioned procedures, the Board agreed to register, subject to satisfactory corrections, the project activity “340 MW Gas based combined cycle power project expansion at Hazira” (2915), if the project participant and the DOE (BVC) submit a



revised PDD and the corresponding validation report which revise the calculation of leakage using emission factor for fugitive CH₄ upstream emissions for Natural Gas for rest of the world (296 tCH₄/PJ).

72. In accordance with the clarifications to paragraph 18 (b) of the above-mentioned procedures, the Board considered one (1) project activity for which corrections had been submitted following a request for review for minor issues of the request for registration.

73. The Board agreed to register, as corrected, the project activity "Egyptian Brick Factory GHG Reduction Project" (0834), submitted for registration by the DOE (DNV).

74. In accordance with the clarifications to paragraph 18 (b) of the above-mentioned procedures, the Board considered two (2) project activities for which corrections had been submitted following consideration of a review.

75. The Board agreed to register, as corrected, the project activity "Reforestation as Renewable Source of Wood Supplies for Industrial Use in Brazil" (2569), submitted for registration by the DOE (TÜV SÜD).

76. The Board could not register the project activity "Energy Efficiency Measures at Cement Production Plant" (1068), submitted for registration by the DOE (SGS) as the project participant and the DOE have failed to submit the requested corrections within the 12 weeks deadline as required by the "Clarifications to facilitate the implementation of the Procedures for review" (EB 38, annex 20). The Board also noted that the use of operational hours in calculating the emission reductions, which was requested by the Board at its forty-fifth meeting to be clarified by the DOE, has not been adequately clarified.

77. In accordance with the procedures for review as referred to in paragraph 41 of the CDM modalities and procedures, the Board considered a request for review of one (1) request for renewal of crediting period.

78. The Board agreed to undertake a review of the project activity "HFC Decomposition Project in Ulsan" (0003), submitted for registration by the DOE (DNV), and that the scope of this review is relating to issues associated with validation requirements, as contained in annex 46 to this report.

General guidance

79. The Board agreed to consider cases placed under review at this meeting at its fifty-eighth meeting. The Board further agreed to provide for a longer period of four weeks for the DOE and project participant to address the issues raised by the Board.

80. The Board agreed to extend the term for the Registration and Issuance Team (RIT) for one (1) year until 30 September 2011.

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

81. The Board took note that 432,673,803 CERs have been issued as of 17 September 2010 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 the procedures for review as referred to in paragraph 65 of the CDM modalities and procedures, the Board considered a request for review of 21 requests for issuance.



83. In accordance with paragraph 10 of these procedures, the Board agreed, subject to a check by the secretariat of the revised documentation and in consultation with the Chair of the Board, to instruct the CDM registry administrator to issue CERs for:

- (a) “Ajapaur Sugar Complex Cogeneration Project” (0332), if the project participant and the DOE (TÜV SÜD) submit:
 - (i) A revised monitoring report and a corresponding revised spreadsheet with the adjusted number of emission reductions; and
 - (ii) A verification report which incorporates the clarification regarding the verification of net electricity generation in November 2008 and a new request for issuance form with the correct number of CERs;
- (b) “14.65 MW Wind Power Project in Maharashtra by BF Utilities Ltd.” (0792), if the project participant and the DOE (DNV) submit a revised monitoring report and verification report which includes the explanation that the current approach stated in the monitoring plan to account for a delayed calibration is conservative enough;
- (c) “Installation of Plate Type Heat Exchanger for preheating combustion air of primary reformer and reducing heat loss to atmosphere through flue gases at Indo Gulf Fertilisers (A Unit of Aditya Birla Group), Jagdishpur” (0850), if the project participant and the DOE (DNV) submit a revised monitoring report and a corresponding verification report which incorporate the clarifications provided in the request for review regarding the increase in the combustion air temperature in the outlet of the pre-heaters;
- (d) “AWMS Methane Recovery Project MX06-S-53, Sonora, México” (0880), if the project participant and the DOE (DNV) submit:
 - (i) A revised monitoring report and the revised spreadsheet which contain the correct calculation of the project emissions from the electricity consumption; and
 - (ii) A revised verification report which contains the means of verification for the sludge removal count and the project emissions from the electricity consumption and a new request for issuance form, as necessary;
- (e) “Burning of solid biomass for process steam generation for beer manufacture in place of the BPF 3 fuel oil at the Águas Claras do Sul Branch” (1202), if the project participant and the DOE (DNV) submit a revised monitoring report and a revised spreadsheet, a revised verification report and a new request for issuance form which include the clarifications submitted in the response to the request for review regarding:
 - (i) The method used to convert the quantity of animal tallow consumption in existing oil fired boilers into an equivalent fuel oil consumption based on NCVs (9550 kcal/kg for fuel oil and 8700 kcal/kg for animal tallow); and
 - (ii) The carbon fraction oxidized in emission reduction calculations;
- (f) “Palmas del Espino – Biogas recovery and heat generation from Palm Oil Mill Effluent (POME) ponds, Peru” (1249), if the project participant and the DOE (TÜV SÜD) submit a revised monitoring report, spreadsheet and verification report which the information on the total biogas flow as required by the monitoring plan;



- (g) “Guohua Inner Mongolia Huitengliang Wind Farm Project” (1261), if the DOE (BVCH) submit a revised verification report which includes regarding reasons to conduct the on-site inspection prior to publishing the monitoring report;
- (h) “Petrotemex Energy Integration Project” (1453), if the DOE (TÜV SÜD) submit a revised verification report which incorporates the clarifications provided in response to the request for review regarding the verification of the parameter “retrofit within the project boundary” as required by the monitoring plan and methodology;
- (i) “Fujian Beijin Hydropower Project” (1478), if the DOE (JACO) submit a revised verification report which incorporates the clarifications provided in response to the request for review regarding verification of electricity data against sales invoices and inconsistent data between different documents;
- (j) “Ma Steel (old plant) CDQ and waste heat utilization project” (1729), if the project participant and the DOE (ERM CVS) submit a revised monitoring report and revised verification report which include the clarifications submitted in response to the request for review regarding the monitoring of project emission;
- (k) “Duerping Coal Mine Methane Utilization Project” (1900), if the project participant and the DOE (SGS) submit a revised monitoring report and corresponding verification report which incorporate:
- (i) The clarifications provided in response to the request for review and clearly state that the EB55 clarification has been met as to the combined monitoring approach for parameters “B14” (pre-mining CMM captured, sent to and destroyed) and “B16” (post-mining CMM captured, sent to and destroyed); and
 - (ii) The clarifications and corrections on the inconsistent project start date and normalisation of flow rates;
- (l) “Yunnan Leidatan 108MW Hydropower Project” (2151), if the DOE (BVCH) submit a revised verification report which includes the clarifications submitted in response to the request for review regarding:
- (i) Reasons to conduct verification site visit prior to publishing the monitoring report; and
 - (ii) The CER spreadsheet containing data from another project activity.

84. The Board agreed to undertake a review of the request for issuance of CERs and to appoint members of the review team for:

- (a) “Hapugastenne and Hulu Ganga Small Hydropower Projects” (0085), submitted by the DOE (DNV), and that the scope of this review is relating to issues associated with verification requirements, as contained in [annex 47](#) to this report;
- (b) “Quimobásicos HFC Recovery and Decomposition Project” (0151), submitted by the DOE (TÜV SÜD), and that the scope of this review is relating to issues associated with verification requirements, as contained in [annex 48](#) to this report;
- (c) “HFC23 Decomposition Project of Zhejiang Juhua Co., Ltd, P. R. China” (0193), submitted by the DOE (SGS) and that the scope of this review is relating to issues associated with verification requirements, as contained in [annex 49](#) to this report;²²



- (d) "AWMS GHG Mitigation Project BR05-B-13, Goiás and Minas Gerais, Brazil" (0419), submitted by the DOE (DNV), and that the scope of this review is relating to issues associated with verification requirements, as contained in [annex 50](#) to this report;²³
- (e) "Optimal utilization of clinker: Substitution of Clinker by Slag in Portland Slag Cement at OCL, Rajgangpur, Sundargarh, Orissa" (0579) submitted by the DOE (SGS), and that the scope of this review is relating to issues associated with verification requirements, as contained in [annex 51](#) to this report;²⁴
- (f) "GHG emission reduction by thermal oxidation of HFC 23 at Navin Fluorine International Limited (NFIL), Surat, Gujarat, India" (0838), submitted by the DOE (SGS) and that the scope of this review is relating to issues associated with verification requirements, as contained in [annex 52](#) to this report;²⁵
- (g) "Yidaoqiao Hydropower Project in Tiechang River, Jiulong County, Sichuan Province" (2162), submitted by the DOE (BVCH), and that the scope of this review is relating to issues associated with verification requirements, as contained in [annex 53](#) to this report;
- (h) "Upgradation, Operation and Maintenance of 200 TPD Composting facility at Okhla, Delhi " (2470), submitted by the DOE (DNV), and that the scope of this review is relating to issues associated with verification requirements, as contained in [annex 54](#) to this report;²⁶
- (i) "Upgradation and expansion of A.P.M.C compost plant at Tikri, Delhi" (2502), submitted by the DOE (DNV), and that the scope of this review is relating to issues associated with verification requirements, as contained in [annex 55](#) to this report.²⁷

85. The Board agreed on the nomination of the members of the review teams for the above. The review teams may call on outside expertise in consultation with the Chair of the Board, as appropriate.

86. The Board considered one (1) submission by a DOE with regard to notification of changes or request for approval of changes from the registered PDD and agreed to accept the changes and allow the subsequent requests for issuance for "Beijing No.3 Thermal Power Plant Gas-Steam Combined Cycle Project Using Natural Gas " (1373), submitted by the DOE (TÜV Nord) under the following conditions:

- (a) All GHG emissions by sources attributable to the project activity (production of power as well as heat) shall be considered as attributable to the power generation hence, accounted for as project emissions; and
- (b) The annual amount of CERs to be issued to the project activity shall be capped at average annual level estimated in the original PDD.

87. In accordance with paragraph 96 of the report of the twenty-eighth meeting of the Executive Board, the Board considered a request from a DOE to be permitted to submit a previously rejected request for issuance for the same monitoring period covered by the rejection. The Board decided to permit the re-submission of the request for issuance for "Ningguo Cement Plant 9100KW Waste Heat Recovery and Utilisation for Power Generation Project of Anhui Conch Cement Co. Ltd)" (0898) submitted by the DOE (DNV) for the monitoring period of 1 March 2008 to 31 March 2009.



General guidance

88. With respect to HFC-23 projects, the Board agreed to conclude its deliberations on the matter at its fifty-eighth meeting. Further, the Board encouraged project participants of HFC23 projects that have not received a request for review, to submit via their DOE, on a voluntary basis, information requested in the questions raised by the Board to HFC23 projects that have received requests for review. This information should be sent to the secretariat.

88. The Board agreed to consider cases placed under review at this meeting at its fifty-eighth meeting. The Board further agreed to provide for a longer period of four weeks for the DOE and project participant to address the issues raised by the Board.

89. The Board requested the secretariat to make available status of requests for revision of monitoring plan in the UNFCCC CDM website.

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

Resources

90. The Board took note of the report by the secretariat on the status of resources and status of the secretariat's recruitment as reflected in [annex 56](#) to this report. It was noted that the total income generated up to 9 September 2010 amounted to USD 54,025,948 which includes the carry-over from 2009 of USD 35,372,219. The Board further noted that figures for fees for the period 1 January to 9 September 2010 were also provided, indicating i.a. income of USD 10,295,774 from registration fees and USD 8,246,526 from shares of proceeds. The Board also noted the data contained in the same annex regarding the current status of recruitment..

91. The Board considered an update by the secretariat on the recruitment strategy for vacant posts funded by the CDM- MAP within the secretariat and requested the secretariat to continue to update the Board on this issue.

92. The Board considered an update by the secretariat on the current liquidity of the CDM Trust Fund and ways to maximize the interest generated by the reserve.

93. 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. In this regard the Board also considered an update by the secretariat on the processing of request for registration and issuance, including progress towards reduction of backlog in submissions.

Agenda item 5: Other matters

Agenda sub-item 5 (a): Guidance by CMP

94. The Board considered draft procedures for appeals against adverse rulings by the CDM Executive Board regarding requests for registration or issuance. The Board thanked the secretariat for the draft procedures, the main structure of which was considered a suitable basis for the Board's recommendation to the CMP. The Board requested the secretariat to revise the draft incorporating the comments by members for consideration by the Board at its fifty-seventh meeting. The Board further agreed that in responding to the request contained in paragraph 42 (b) of decision 2/CMP.5 that the Board should provide options regarding appropriate body to serve as the appeals body and requested the secretariat to work with a small group of members to develop a proposal in this regard for consideration by the Board at its fifty-seventh meeting.



95. The Board considered an update by the secretariat on the status of implementation of the requests made by the CMP to the Board, through the decision 2/CMP.5. The Board also took note of the outline structure of the its report to CMP, and agreed to request the secretariat to prepare a draft of the report for its consideration at its fifty-seventh meeting. In particular the Board requested the secretariat to highlight the challenges facing the Board in the implementation of its efforts to streamline and simplify the operation of the CDM.

Agenda sub-item 5 (b): Regional distribution

96. The Board agreed to recommend to the CMP the “Guidelines and modalities for operationalization of a loan scheme to support the development of CDM project activities in countries with fewer than ten registered project activities” for its consideration at its sixth session, as contained in [annex 57](#) to this report. This document will be included as an annex to the EB report to CMP 6.

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

97. The Board took note of the report by the Chair of the CDM DOE/AE Coordination Forum; and provided feedback to the forum, as appropriate.

98. 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) Draft procedure regarding the correction of significant deficiencies and the excess issuance of CERs, in particular the application of a principle of strict liability and the role of the DOE appointed to review validation and verification reports;
- (b) Draft standard on the use of the concept of materiality and level of assurance, in particular the applicability of the standard to validation and verification activities;
- (c) HFC projects recently receiving requests for review and the need for adequate time for DOEs to address the issues which they considered to be outside the scope of the original verification;
- (d) The need for a 6 month grace period if the Board adopts the proposed revision to the accreditation standard;
- (e) The means of resolving minor issues in completeness checks.

99. The Board members responded to some of the questions raised by the Chair of the DOE/AE Forum, and informed him that the matters raised in his presentation would be given full consideration by the Board in their deliberations on the matters referred to.

100. The Chair of the Board thanked Mr. Jonathan Avis for his inputs and encouraged the Forum to continue to raise issues related to the implementation of its guidance.

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

101. 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 afternoon of the last day of its future meetings, unless otherwise indicated. These meetings are available on webcast.

102. The Board further agreed to continue to meet with the same type of arrangement and to reconsider the issue when necessary. Observers to the fifty-sixth meeting of the Executive Board shall have registered with the secretariat by 21 September 2010. In order to ensure proper security and logistical



arrangements, the Board emphasized that this deadline will be strictly enforced by the secretariat.

Agenda sub-item 5 (f): Other business

103. The Board considered issues related to co-benefits of proposed CDM project activities and requested the secretariat to provide an assessment of which documents would need to be revised to include co-benefits for consideration by the Board at a future meeting.

104. The Board discussed issues related to the working arrangements of panels and working groups members and requested the secretariat to prepare an analysis and possible procedures for these arrangements for consideration by the Board at a future meeting.

105. The Board agreed on the provisional agenda for its fifty-seventh meeting, to be held in Bonn from 12–14 October 2010, as contained in [annex 58](#) to this report.

Agenda item 6. Conclusion of the meeting

106. The Chair summarized the main conclusions.

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

107. 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 Executive Board.

Agenda sub-item 6 (b): Closure

108. The Chair closed the meeting thanking the Government of Brazil for hosting the meeting in Brasília and for providing the excellent meeting facilities and services.

Annexes to the report

Accreditation

Annex 01 - CDM accreditation standard for operational entities (version 02)

Annex 02 - Procedure for accrediting operational entities by the Executive Board of the CDM (version 10)

Methodologies

Annex 3 - AM0089 - Production of diesel using a mixed feedstock of gasoil and vegetable oil (version 01.0.0)

Annex 4 - AM0090 - Modal shift in transportation of cargo from road transportation to water or rail transportation (version 01.0.0)

Annex 5 - ACM0002 - Consolidate baseline methodology for grid-connected electricity generation from renewable sources (version 12.0.0)

Annex 6 - ACM0006 - Consolidated methodology for electricity and heat generation from biomass residues (version 11.0.0)

Annex 7 - ACM00013 - Consolidated baseline and monitoring methodology for new grid connected fossil fuel fired power plants using a less GHG intensive technology (version 04.0.0)



Annex 8 - ACM00017 - Production of biodiesel for use as fuel (version 02.0.0)

Annex 9 - Guidelines on apportioning emissions from production processes between main product and co- and by-products (version 02)

A/R Methodologies

Annex 10 - AR-AMS0007 - Simplified baseline and monitoring methodology for small-scale A/R CDM project activities on grasslands or croplands (version 01)

Annex 11 - AR-AMS0001 - Simplified baseline and monitoring methodologies for small-scale A/R CDM project activities implemented on grasslands or croplands with limited displacement of pre-project activities (version 06)

Annex 12 - AR-ACM0001 - Afforestation and reforestation of degraded land (version 05.0.0)

Annex 13 - Estimation of carbon stocks and change in carbon stocks of trees and shrubs in A/R CDM project activities (version 02.0.0)

Annex 14 - Guidelines for completing the CDM A/R forms for: the project design document (CDM-AR-PDD) and the proposed new baseline and monitoring methodology (CDM-AR-NM) (version 10)

Small- scale

Annex 15 - AMS-III.AM - Fossil fuel switch in a cogeneration/trigeneration system (version 01)

Annex 16 - AMS-III.AN - Fossil fuel switch in existing manufacturing industries (version 01)

Annex 17 - AMS-I.E - Switch from non-renewable biomass for thermal applications by the user (version 03)

Annex 18 - AMS-I.C - Thermal energy production with or without electricity (version 18)

Annex 19 - AMS.III.X - Energy efficiency and HFC-134a recovery in residential refrigerators (version 02)

Matters relating to the registration of CDM project activities

Annex 20 - Scope of review (registration) - Project 2705

Annex 21 - Scope of review (registration) - Project 3015

Annex 22 - Scope of review (registration) - Project 3028

Annex 23 - Scope of review (registration) - Project 3067

Annex 24 - Scope of review (registration) - Project 3082

Annex 25 - Scope of review (registration) - Project 3107

Annex 26 - Scope of review (registration) - Project 3122

Annex 27 - Scope of review (registration) - Project 3130

Annex 28 - Scope of review (registration) - Project 3134

Annex 29 - Scope of review (registration) - Project 3162



Annex 30 - Scope of review (registration) - Project 3180
Annex 31 - Scope of review (registration) - Project 3183
Annex 32 - Scope of review (registration) - Project 3188
Annex 33 - Scope of review (registration) - Project 3189
Annex 34 - Scope of review (registration) - Project 3192
Annex 35 - Scope of review (registration) - Project 3193
Annex 36 - Scope of review (registration) - Project 3212
Annex 37 - Scope of review (registration) - Project 3219
Annex 38 - Scope of review (registration) - Project 3225
Annex 39 - Scope of review (registration) - Project 3260
Annex 40 - Scope of review (registration) - Project 3269
Annex 41 - Scope of review (registration) - Project 3280
Annex 42 - Scope of review (registration) - Project 3289
Annex 43 - Scope of review (registration) - Project 3312
Annex 44 - Scope of review (registration) - Project 3335
Annex 45 - Scope of review (registration) - Project 3393
Annex 46 - Scope of review (registration) - Project 0003

Matters relating to the issuance of CERs and the CDM registry

Annex 47 -Scope of review (issuance) - Project 0085
Annex 48 -Scope of review (issuance) - Project 0151
Annex 49 -Scope of review (issuance) - Project 0193
Annex 50 -Scope of review (issuance) - Project 0419
Annex 51 -Scope of review (issuance) - Project 0579
Annex 52 -Scope of review (issuance) - Project 0838
Annex 53 -Scope of review (issuance) - Project 2162
Annex 54 -Scope of review (issuance) - Project 2470
Annex 55 -Scope of review (issuance) - Project 2502

Management plan and resources for the work on the CDM

Annex 56 - Status of resources and status of the secretariat's recruitment



Regional distribution

Annex 57 - Recommendation to the CMP on guidelines and modalities for operationalization of a loan scheme to support the development of CDM project activities in countries with fewer than ten registered CDM project activities.

Other matters

Annex 58 - Provisional agenda for EB 57

Annex 59 - Schedule of meetings of the CDM Executive Board and its panels and working groups in 2010 (version 05)



Endnotes

1. The Board agreed at its ninth meeting that once a nomination is received from a constituency, the Chair shall submit the nomination to the Board for electronic decision making (EB09, paragraph 36).
2. CMP5 encouraged the Board to further explore the possibility of including in baseline and monitoring methodologies, as appropriate, a scenario where future anthropogenic emissions by sources are projected to rise above current levels due to specific circumstances of the host Party.
3. If the Board ultimately decides to register the project activity, the project participant and the DOE shall submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the investment analysis, in particular, the suitability of input values and sensitivity analysis, and the validation of input values for the coal plant as the baseline scenario.
4. If the Board ultimately decides to register the project activity, the project participant and the DOE shall submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the prior consideration of CDM.
5. If the Board ultimately decides to register the project activity, the project participant and the DOE shall submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of geothermal tax rate, risk free rate in Indonesia and cost of debt used to calculate the WACC, the suitability of annual O&M cost, validation of the common practice analysis and the suitability of the identified baseline scenario.
6. If the Board ultimately decides to register the project activity, the project participant and the DOE shall submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the project description, common practice analysis, the investment comparison analysis, the input values to the investment analyses, baseline emission, ex-ante projection of thermal energy demand, project boundary, monitoring of pre/post mining CMM, meeting heat demand for pre-existing users and monitoring plan.
7. If the Board ultimately decides to register the project activity, the project participant and the DOE shall submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of input values, the baseline CMM consumption, the grid emission factor and the monitoring plan.
8. If the Board ultimately decides to register the project activity, the project participant and the DOE shall submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of benchmark; the input values (investment and O&M costs) to the investment analysis; the government subsidies; and the monitoring plan.
9. If the Board ultimately decides to register the project activity, the project participant and the DOE shall submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of input values to the investment analysis; and application of the baseline methodology related to the sampling method.
10. If the Board ultimately decides to register the project activity, the project participant and the DOE shall submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the credibility of the proposed baseline and assessment of the surplus of biomass availability.



11. If the Board ultimately decides to register the project activity, the project participant and the DOE shall submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the project activity start date, prior consideration of CDM, barrier analysis, monitoring plan and closing of CARs.
12. If the Board ultimately decides to register the project activity, the project participant and the DOE shall submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the common practice analysis and identification baseline scenario.
13. If the Board ultimately decides to register the project activity, the project participant and the DOE shall submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of input values to the investment analysis, the government subsidies, the elimination of captive power generation and the monitoring plan.
14. If the Board ultimately decides to register the project activity, the project participant and the DOE shall submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the start date of project activity, common practice analysis, baseline emission factor, identification of the baseline scenario, validation of similar projects, and inconsistencies in emission reduction calculation.
15. If the Board ultimately decides to register the project activity, the project participant and the DOE shall submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the prior consideration of CDM and the common practice analysis.
16. If the Board ultimately decides to register the project activity, the project participant and the DOE shall submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of annual O&M costs and effective electricity coefficient.
17. If the Board ultimately decides to register the project activity, the project participant and the DOE shall submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of total investment and annual O&M costs.
18. If the Board ultimately decides to register the project activity, the project participant and the DOE shall submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of input values to the investment analysis, the on-site power demand, the baseline CMM consumption, elimination of baseline alternatives, grid emission factor and the monitoring plan.
19. If the Board ultimately decides to register the project activity, the project participant and the DOE shall submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of total investment.
20. If the Board ultimately decides to register the project activity, the project participant and the DOE shall submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of input values to the investment analysis, start date of the project activity and the baseline scenario.



21. If the Board ultimately decides to register the project activity, the project participant and the DOE shall submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the request for review regarding the suitability of annual O&M costs and effective electricity coefficient.
22. If the Board ultimately decides to issue CERs, the project participant and the DOE shall submit a revised monitoring report and the corresponding verification report which incorporate the clarification on the delayed calibration and the revised calculation.
23. If the Board ultimately decides to issue CERs, the project participant and the DOE shall submit a revised monitoring report including actual monitored dates on weekly monitoring of operational status.
24. If the Board ultimately decides to issue CERs, the project participant and the DOE shall submit a revised monitoring report, a corresponding verification report and a new request for issuance form with the correct amount of emission reductions based on the ex-post monitored grid emission factor.
25. If the Board ultimately decides to issue CERs, the DOE shall submit a verification report which incorporates the clarification on the calibration of meters for natural gas, steam the vent gas leaving the destruction chamber submitted in response to the request for review.
26. If the Board ultimately decides to issue CERs, the project participant and the DOE shall submit a revised monitoring report including monitored data on temperature and a corresponding verification report which also incorporate the clarifications provided in the request for review related to the calculation of the emission reduction based on para 9 of applied methodology, monitoring of soil application of compost for agricultural activities and the monitoring of temperature and oxygen content.
27. If the Board ultimately decides to issue CERs, the project participant and the DOE shall submit a revised monitoring report including monitored data on temperature and a corresponding verification report which also incorporate the clarifications provided in the request for review related to clarification on the calculation of the emission reduction based on para 9 of applied methodology, monitoring of soil application of compost for agricultural activities and the monitoring of temperature and oxygen content.