



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

Date: 30 July 2010
Ref: CDM-EB-55

**EXECUTIVE BOARD OF THE CLEAN DEVELOPMENT MECHANISM
FIFTY-FIFTH MEETING**

Report

Date of meeting: 26 - 30 July 2010

Location: Bonn, Germany

Attendance: The names of members and alternate members present at the fifty-fifth 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 ²	Mr. Lex de Jonge²
Mr. Kamel Djemouai¹	<i>Mr. Samuel Adeoye Adejuwon¹</i>
Mr. Maosheng Duan²	Ms. June Hughes²
Mr. Philip M. Gwage²	Mr. Paulo Manso²
Ms. Diana Harutyunyan²	<i>Ms. Danijela Bozanic</i>
Mr. Martin Hession¹	Mr. Thomas Bernheim¹
Mr. Shafqat Kakakhel¹	Mr. Rajesh Kumar Sethi¹
Mr. Clifford Mahlung²	Mr. Asterio Takesy²
<i>Mr. Hugh Sealy¹</i>	Mr. José Domingos Miguez¹
Mr. Peer Stiansen¹	Mr. Akihiro Kuroki¹

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 noted that the secretariat was informed that Mr. Pedro Martins Barata, Mr. Hugh Sealy, Mr. Samuel Adeoye Adejuwon and Ms. Danijela Bozanic were unable to attend the meeting and had provided proper justification for their absence.
3. The Board considered information provided by members and alternate members 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 took note of the resignation of Mr. Pedro Martins Barata as Vice-Chair of the Board, due to personal reasons, and elected Mr. Martin Hession as the new Vice-Chair for the remainder of the term, in accordance with rule 13 of the "Rules of procedures of the Executive Board"¹. On behalf of the Board, the Chair expressed deep appreciation to Mr. Pedro Martins Barata as the outgoing Vice-Chair for his dedication and excellent support to the Board and to the Chair.
5. The Board considered the issue of terms of reference of the Board, 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 and agreed to continue to consider this issue at a future meeting.

Agenda item 2. Adoption of the agenda

6. The Board adopted the agenda of the meeting.

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

7. The Board took note of the forty-ninth progress report on the work of the CDM Accreditation Panel (CDM-AP), and an oral report by its Vice-Chair, Mr. Martin Hession. 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.
8. The Board elected Mr. Akihiro Kuroki as the new Vice-Chair of the CDM-AP. The Chair, on behalf of the Board, congratulated Mr. Akihiro Kuroki on his election and expressed deep appreciation to Mr. Martin Hession for his work done for the CDM-AP.

Case specific

9. The Board considered a recommendation of the CDM-AP and agreed to:
 - (a) Accredite and provisionally designate the entity "Deloitte Cert Umweltgutachter GmbH" (Deloitte Cert) for the validation and verification/certification functions for three years in the sectoral scopes 1, 2, 3 and 5;
 - (b) Re-accredite the entity "Deloitte Tohmatsu Evaluation and Certification Organization Co., Ltd." (Deloitte-TECO) for the validation and verification/certification functions for three years in



the sectoral scopes 1-10, 12, 13 and 15;

(c) Revoke the suspension of the entity "TÜV SÜD Industrie Service GmbH" (TÜV SÜD) with immediate effect. The Board decided to monitor the activities of TÜV SÜD through an assessment to be carried out within three (3) months to check the full implementation and effectiveness of all of the identified corrective actions. The assessment will be combined with a regular on-site surveillance;

(d) Revoke the partial suspension of the entity "Korea Energy Management Corporation" (KEMCO) with immediate effect. In addition, the Board took note of the notification of the CDM-AP that three (3) additional performance assessments would be undertaken for KEMCO to verify effectiveness of the implementation of the corrective actions.

10. The Board took note of a notification by the CDM-AP on the unsuccessful outcome of a performance assessment activity for the entity "Korean Standards Association" (KSA). The full implementation of corrective actions resulting from this performance assessment will be verified as a part of a regular on-site surveillance to be conducted immediately.

11. The Board took note of a notification by the CDM-AP on the unsuccessful outcome of a performance assessment activity for the entity "Korea Environment Corporation" (KECO). The full implementation of corrective actions resulting from this performance assessment will be verified as a part of a regular on-site surveillance to be conducted immediately.

12. The Board decided to conduct a spot-check of the entity "Det Norske Veritas Certification AS" (DNV). The Board agreed on the scope of the spot-check and requested the CDM-AP to complete the process in an expedited manner and submit its recommendation for consideration by the Board.

General guidance

13. The Board approved the revised version of the "Validation and Verification Manual" (VVM) (version 01.2) as contained in [annex 1](#) to this report, which incorporates adopted decisions of the Board since the previous revision.

14. The Board considered an information note prepared by the CDM-AP on: (i) the definition of technical areas within the CDM sectoral scopes, (ii) the approach used to identify different technical areas as well as (iii) the competence requirements for qualification of DOE personnel in each technical area. The proposed approach aims to ensure that a DOE's validation/verification team collectively has the competence in the technical area(s) of a CDM project activity that a DOE intends to validate/verify. The Board agreed on the approach presented in the information note and requested the CDM-AP, with the support of the secretariat, to prepare a draft revised CDM Accreditation Standard, based on the proposed approach, for consideration by the Board at its next meeting. The Board requested the secretariat to make the information note prepared by the CDM-AP publicly available on the UNFCCC CDM website at <http://cdm.unfccc.int/Panels/accreditation/index.html>.

15. The Board considered an update by the CDM-AP on the progress made against the work plan and agreed to the revised work plan of the CDM-AP for the year 2010, as contained in [annex 2](#) to this report. The Board agreed to continue with the practice of considering the workplan of the panel in the next year.

16. The Board took note of the intention of the CDM-AP to organize the next training for CDM assessment team experts in the second half of 2010.

***Further schedule***

17. The Board decided to extend for one day the fiftieth meeting of the CDM-AP. The revised dates of the fiftieth meeting of the CDM-AP are 17-20 August 2010. The meeting will be held in Bonn, Germany.

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

18. The Board took note of the report of the forty-fourth 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

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

- (a) **Approve case:** AM0088 - "Air separation using cryogenic energy recovered from the vaporization of LNG", which was proposed as NM0313 (Air separation using cryogenic energy of LNG) and link it to scope 03 (Energy demand), as contained in annex 3 of this report;
- (b) **Not to approve cases:** NM0282, NM0321, NM0325, NM0326, NM0327 and NM0329 which, if revised, taking into account comments, can be resubmitted but will require new expert and public input.

Responses to requests for clarification

20. The Board took note of the responses provided by the Meth Panel on the requests for clarification AM_CLA_0174 to AM_CLA_0182 and AM_CLA_0184 to AM_CLA_0186 referred to in the Meth Panel 44 report.

Responses to requests for revisions

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

- (a) Not to accept request AM_REV_0182 concerning revision to the approved consolidated methodology ACM0006 to include biogas from anaerobic wastewater treatment;
- (b) To accept request AM_REV_0184 concerning revision of the approved consolidated methodology ACM0014 to include wastewater solids that are separated from the wastewater to prevent open lagoon clogging and therefore have a different baseline, in a scenario 1 type anaerobic digester wastewater treatment project;
- (c) To accept request AM_REV_0185 concerning revision of the approved consolidated methodology ACM0008 to capture and destruct methane from an opencast coal mine;
- (d) Not to accept request AM_REV_0187 concerning revision of the approved consolidated methodology ACM0012 version 3.2;
- (e) Not to accept request AM_REV_0188 concerning revision to the approved consolidated methodology ACM0012 to allow it for project activities that utilize waste electricity;
- (f) To accept request AM_REV_0189 concerning revision of the approved methodology AM0025 for co-firing of stabilized biomass from industry with fossil fuel for heat/electricity generation. Please also refer to paragraph 22 below;



- (g) Not to accept request AM_REV_0191 concerning revision to the approved consolidated methodology ACM0015 with regards to the applicability of the methodology to greenfield plants;
- (h) To accept request AM_REV_0192 concerning revision of the approved consolidated methodology ACM0016 for the revision of common practice analysis;
- (i) To accept request AM_REV_0193 concerning revision of the approved methodology AM0062 to correct the calculation of parameter EF;
- (j) Not to accept request AM_REV_0194 concerning revision to the approved consolidated methodology ACM0012 to allow for the case where the same portion of waste gas used directly in the baseline to generate process heat will be used in the project activity for the same purpose, while the gas previously flared will be used for electricity generation.

Revision of approved methodologies

22. The Board revised the following approved methodologies:

- (a) **AM0025:** The revision *inter alia*: (i) clarifies that project activities that consist of processing and upgrading biogas and then distribution of it as energy via natural gas distribution grid can use the approved methodology AM0053 in conjunction with this methodology; (ii) provides separate procedures to estimate emissions from thermal energy generation/electricity generation during co-firing fossil fuel with biomass to allow for cases when the fossil fuel used in the boiler is different than that used for other purposes on-site; and (iii) provides a conservative approach to estimate emissions from residual waste from different treatment processes when disposed of in landfills. The revised methodology is contained in [annex 4](#) to this report;
- (b) **AM0034:** The revision changes the equations 3 and 6 of the methodology with respect to the measure intervals of baseline and project campaign. The revised methodology is contained in [annex 5](#) to this report;
- (c) **AM0053:** The revision clarifies that the methodology can be used in conjunction with AM0025; and ACM0014, and deletes the reference to the methodology AM0013 as this methodology has been withdrawn. The revised methodology is contained in [annex 6](#) to this report;
- (d) **AM0057:** The revision clarifies that the methodology can be used for project activities that include cardboard and fibreboard production. The revised methodology is contained in [annex 7](#) to this report;
- (e) **AM0058:** The editorial revision clarifies the meaning of lifetime of the project activity, which is defined to be equal to the remaining lifetime of the existing facility. The revised methodology is contained in [annex 8](#) to this report;
- (f) **AM0062:** The revision corrects equation 7, and makes some editorial changes. The revised methodology is contained in [annex 9](#) to this report;
- (g) **AM0087:** The revision clarifies how the investment comparison analysis shall be conducted for the identification of the baseline, two alternatives are considered and one is that the project participants do not undertake any investment but the service is provided by third parties. The revised methodology is contained in [annex 10](#) to this report;
- (h) **ACM0007:** The revision clarifies that the historical data requirements for the baseline emissions should be satisfied at the time of validation and changed the minimum historical data



requirement for the open cycle emission factor in the baseline scenario from one year to three years. The revision also: (i) updates the format of the methodology; and (ii) establishes its title as “Consolidated methodology for conversion from single cycle to combined cycle power generation”. The revised methodology is contained in [annex 11](#) to this report;

(i) **ACM0008:** The revision: (i) broadens the applicability conditions of the methodology to include open cast coal mines; and (ii) allows project proponents to measure the pre-mining CMM ($PMM_{PJ,y}$) together with the post-mining CMM ($CMM_{PJ,y}$). The revised methodology is contained in [annex 12](#) to this report;

(j) **ACM0014:** The revision expands the application of the methodology to situation where in the baseline the solid materials are separated from the wastewater and have a different treatment than the wastewater. The revised methodology is contained in [annex 13](#) to this report;

(k) **ACM0016:** The revision: (i) introduces the definition of larger urban zone (LUZ) of a city, and (ii) accommodates situations, for the common practice analysis, where the city has less than one million inhabitants in its LUZ. The revised methodology is contained in [annex 14](#) to this report;

(l) **AM0042, ACM0006 and ACM0018:** The revision applies the same provisions as contained in the latest version of AM0036, namely, that the moisture content of biomass residues should be monitored for each batch of biomass of homogeneous quality and that the weighted average should be calculated for each monitoring period and used in the calculations. The revised methodologies are contained in [annexes 15, 16 and 17](#) to this report, respectively.

23. The revised versions of the approved methodologies referred to in the paragraph above will come into effect on 13 August 2010, 24:00 GMT, in accordance with the procedures for revision of approved methodologies.

General guidance

24. The Board revised the “Tool to determine methane emissions avoided from disposal of waste at a solid waste disposal site”, based on elements of the request for revision AM_REV_0189. The revision provides default values for the fraction of degradable organic carbon (DOC) for industrial sludge and for the decay rate (k) for sludge from pulp and paper industry. The revised tool is contained in [annex 18](#) of this report.

25. The Board considered a note prepared by the Meth Panel containing information on various issues related to the methodology AM0001 “Incineration of HFC 23 Waste Streams” and requested the Meth Panel to further work on the subject following the request provided in [annex 19](#) and submit the outcome of its work for consideration of the Board in a future meeting.

26. In the context of the request for revision AM_REV_186 placed on the agenda of the forty-fourth meeting of the Meth Panel, the Board requested the secretariat to propose a clarification to the procedures for revision of approved methodologies regarding the requirements regarding the nature of the entity which may request revision for consideration by the Board at a future meeting.

27. The Board considered draft “Guidelines on the treatment of national and sectoral policies in the demonstration and assessment of additionality” and agreed not to continue the consideration of the treatment of national and sectoral policies in the demonstration and assessment of additionality. The Board also agreed that possible impact of national and sectoral policies in the demonstration and assessment of additionality shall be assessed on a case by case basis.



28. The Board took note of an update by the Meth Panel on the work undertaken related to the draft “Tool to calculate the weighted average cost of capital (WACC)”, taking into account the responses to the call for inputs on the draft tool requested by the Board at its fifty-third meeting. The Board requested the Panel to finalize the tool and submit it for consideration by the Board not later than at its fifty-eighth meeting.

29. The Board considered two requests for deviation:

(a) From the approved methodology ACM0008 related to an alternative approach to estimate the pre-mining CMM ($CMM_{PJ,i,y}$) using indirect method based on the data on power generation is conservative and may be used to estimate emissions during the monitoring period from 22 May 2007 until 5 September 2007, in view of the response provided by the Meth Panel (MP 44, paragraph 30) to the request of the forty-ninth meeting of the Board. The Board agreed to respond to it and requested the secretariat to inform the DOE accordingly;

(b) From the approved methodology AM0024 related to a project activity where waste heat from the clinker production process as well as from another waste heat source is used to generate electricity, in view of the response provided by the Meth Panel (MP 44, paragraph 31) to the request of the forty-ninth meeting of the Board. The Board agreed to respond to it and requested the secretariat to inform the DOE accordingly.

30. The Board took note of an update by the secretariat on the work related to the development of a methodology booklet promoting the awareness of CDM methodologies and looked forward to have the work finalized.

31. The Board took note of an update by the secretariat on the progress made regarding the development of a framework based on which approved methodologies might be revised to further improve their objectivity, applicability, usability and consistency.

32. The Board requested the secretariat to develop procedures on how to correct an error present in the current and/or previous versions of an approved CDM baseline and monitoring methodology, which impacts the estimation of emission reductions for CDM project activities registered with any version of the methodology containing the error.

33. The Board took note of an update by the secretariat on the implementation 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” and the “Procedure for the submission and consideration of requests for revision of approved baseline and monitoring methodologies and tools for A/R CDM project activities” and agreed that the effective date of the both procedures shall be 13 August 2010, 24:00 GMT.

34. The Board considered an update by the Meth Panel on the progress made against the work plan and approved the revised workplan of the Meth Panel for the year 2010, as contained in [annex 20](#) to this report. The Board agreed to continue with the practice of considering the workplan of the panel in the next year.

Further schedule

35. The Board noted that the forty-fifth meeting of the Meth Panel will be held from 9-13 August 2010 in Bonn, Germany.

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

36. The Board took note of the report on the work of the twenty-eighth meeting of the Afforestation and reforestation working group (A/R WG) and an oral report by its Chair, Mr. José Domingos Miguez, on the work of the group.

Responses to requests for clarification

37. The Board took note of the responses provided by the A/R WG on the requests for clarification AR_AM_CLA_0010 to AR_AM_CLA_0012 and SSC_AR_005.

General guidance

38. The Board approved the “Tool for estimation of change in soil organic carbon stocks due to the implementation of A/R CDM project activities”, as contained in [annex 21](#) to this report.

39. The Board approved the revised forms "Project design document form for A/R CDM project activities (CDM-AR-PDD)", "Form for proposed new baseline and monitoring methodology for A/R CDM project activities (CDM-AR-NM)", "Proposed new A/R methodology expert form – Lead review", and "Proposed new A/R methodology expert form – Second review", as contained in [annexes 22, 23, 24](#) and [25](#) to this report, respectively.

40. The Board considered an update by the A/R WG on the progress made against the work programme and approved the revised work programme of the A/R WG for the year 2010, as contained in [annex 26](#) to this report. The Board agreed to continue with the practice of considering the workplan of the working group in the next year.

Further schedule

41. The Board noted that the twenty-ninth meeting of the A/R WG will be held from 9-11 August 2010 in Bonn, Germany.

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

42. The Board took note of the report on the work of the twenty-sixth 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

43. The Board approved a new small-scale methodology AMS-III.AL “Conversion from single cycle to combined cycle power generation”, assigned to sectoral scope 03, as contained in [annex 27](#) to this report. The methodology is applicable for project activities that convert an existing single cycle gas turbine or internal combustion engine with or without cogeneration system to a combined cycle system with or without cogeneration.

44. The Board approved a new small-scale methodology AMS-I.G “Plant oil production and use for energy generation in stationary applications”, assigned to sectoral scope 01, as contained in [annex 28](#) to this report. The methodology is applicable for project activities involving the cultivation of oilseeds and the production of plant oil to generate thermal/mechanical/electrical energy including cogeneration to displace fossil fuel and/or fossil fuel based technologies.

45. The Board approved a new small-scale methodology AMS-I.H “Biodiesel production and use for energy generation in stationary applications”, assigned to sectoral scope 01, as contained in [annex 29](#) to



this report. The methodology is applicable for project activities involving the cultivation of oilseeds and the sourcing of waste oil/fat for production of biodiesel to generate thermal/mechanical/electrical energy including cogeneration to displace fossil fuel and/or fossil fuel based technologies.

46. The Board approved a new small-scale methodology AMS-III.AK “Biodiesel production and use for transportation applications”, assigned to sectoral scope 07, as contained in [annex 30](#) to this report. The methodology is applicable for project activities for cultivation of oilseeds and sourcing of waste oil/fat to be used in production of biodiesel for use in transportation applications.

47. The Board noted that the case SSC-NM049 was deemed not suitable for recommendation to the Board by the SSC WG.

Revisions of approved methodologies:

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

(a) AMS-III.C “Emission reductions by electric and hybrid vehicles”, to clarify that the methodology is only applicable to technology/measures involving electric and hybrid vehicles, as contained in [annex 31](#) to this report;

(b) AMS-III.S “Introduction of low-emission vehicles/technologies to commercial vehicle fleets”, to expand its applicability to cover retrofit project activities and to include additional types of vehicle types (e.g. tricycles, commute vans, jeeps), as contained in [annex 32](#) to this report;

(c) AMS-III.T “Plant oil production and use for transport applications”, to include among others an additional option for using default factors (e.g. Nitrous oxide emissions from land use), as contained in [annex 33](#) to this report;

(d) AMS-III.H “Methane recovery in wastewater treatment”, to clarify the criteria to be satisfied for the baseline lagoon treatment systems to be eligible under the methodology (e.g. the depth of the lagoon equal to or greater than 2 m, minimum sludge removal interval and ambient temperature conditions), as contained in [annex 34](#) to this report.

49. The revised versions of the SSC methodologies referred to in the paragraph above will come into effect on 13 August 2010, 24:00 GMT in accordance with the procedures for the revision of approved SSC methodologies.

Responses to requests for clarification

50. The Board took note of the responses provided by the SSC WG on the requests for clarification SSC_412 to SSC_417, SSC_419 to SSC_421, SSC_423 to SSC_429.

General guidance

51. The Board took note of an update by the secretariat on the development of conservative default parameters for use in small scale CDM methodologies and requested the SSC WG to continue to work on the issue.

52. The Board agreed to the revised general guidelines to SSC CDM methodologies that is updated with the latest decisions of the Board pertaining to the SSC CDM as contained in [annex 35](#) to this report.

53. The Board considered an update by the SSC WG on the progress made against the work plan and approved the revised workplan of the SSC WG for the year 2010, as contained in [annex 36](#) to this report. The Board agreed to continue with the practice of considering the workplan of the working group in the next year.

*Further schedule*

54. The Board noted that the twenty-seventh meeting of the SSC WG will be held from 16-19 August 2010 in Arendal, Norway.

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

55. The Board noted that four CDM programmes of activities have been registered by 30 July 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/>>.

General guidance

56. The Board revised the “Procedures for review of erroneous inclusion of a CPA” and “Procedures for registration of a Programme of Activities as a single CDM Project Activity and issuance of certified emission reductions for a Programme of Activities” in order to reduce barriers to the development of PoA under CDM, as contained in annexes 37 and 38 to this report, respectively.

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

57. The Board took note that 2307 CDM project activities have been registered by 30 July 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

58. In accordance with the procedures for review as referred to in paragraph 41 of the CDM modalities and procedures, the Board considered the recommendations of the review teams for 24 project activities which were placed “Under review” at the fifty-third and fifty-fourth meeting of the Board.

59. In accordance with paragraphs 17 and 18 (b) of the procedures mentioned above, the Board agreed to register the project activities:

(a) “Nanjing Jinling Grid Connected Natural Gas Combined Cycle Power Plant Project” (3008) if the revised PDD, the corresponding validation report and the relevant annexes submitted in response to the review team’s questions are displayed on the UNFCCC CDM website;

(b) “Jianli Kaidi Biomass Power Project” (3044) if the revised PDD and the corresponding validation report submitted in response to the review team’s questions are displayed on the UNFCCC CDM website.

60. In accordance with paragraphs 17 and 18 (b) of the above-mentioned procedures, the Board agreed to register, subject to satisfactory corrections, the project activities:

(a) “Yangxin Huaxin Cement 18 MW Waste Heat Recovery as Power Project” (2522) if the DOE (TÜV SÜD) submits a revised validation report which incorporates the information submitted in response to the review team’s questions regarding the suitability of three components of annual O&M costs considered in the investment analysis, in particular annual repair charge, overhead expenses and other charges, in line with paragraph 111(c) of VVM, version 1.1;

(b) “Metro Clark Landfill Gas Capture System” (2524) if the project participants and the DOE (DNV) submit a revised PDD and the corresponding validation report which incorporate the information submitted in the response to the review team’s questions regarding the additionality of the project activity; in particular the on-site power consumption assumed in the investment



analysis and the technological barrier;

(c) "Sichuan Heishui Changde 20 MW Hydropower Project" (2808) if the project participants and the DOE (TÜV Nord) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the review, and further substantiate the suitability of the tariff as a means of demonstrating the additionality of the project activity. In undertaking these corrections, the project participants and the DOE should note the Board's concerns regarding the suitability of the tariff as outlined in EB 53, annex 32;

(d) "Pingdingshan Coal (Group) Company Chaochuan Mine 6*2 MW Coke Oven Gas Cogeneration Project" (2818) if the project participants and the DOE (BVC) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the review team's questions regarding the use of external data for the NCV of the coal;

(e) "Huadian Laizhou Wind Farm Project" (2831) if the project participants and the DOE (TÜV Rheinland) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the review. While the concern of the Board on the trend of tariffs 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;

(f) "Datong River Tianwanggou Hydropower Station" (2840) if the project participants and the DOE (TÜV-SÜD) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the review and further substantiate the suitability of the tariff as a means of demonstrating the additionality of the project activity. In undertaking these corrections, the project participants and the DOE should note the Board's concerns regarding the suitability of the tariff as outlined in EB 53, annex 32;

(g) "Sichuan Luding Moxi 20 MW Hydropower Project" (2862) if the project participants and the DOE (TÜV Nord) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the review, and further substantiate the suitability of the tariff as a means of demonstrating the additionality of the project activity. In undertaking these corrections the project participants and the DOE should note the Board's concerns regarding the suitability of the tariff as outlined in EB 53, annex 32;

(h) "Tao River Lianlu Cascade II (Xiacheng) 37.5 MW Hydropower Project in Gansu Province, China" (2932) if the project participants and the DOE (JACO) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the review. 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 highest reported tariff in the province, the project IRR does not cross the benchmark;

(i) "Installation of Natural Gas based package cogeneration systems at industrial facilities in Gujarat by Gujarat Gas Company Limited (GGCL), India" (2948) if the project participants and the DOE (TÜV Nord) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the review team's questions regarding the suitability of benchmark, residual value, and sensitivity analysis;

(j) "Sichuan Fengyanbao 44 MW Hydropower Project" (2961) if the project participants and the DOE (KFQ) submit a revised PDD and the corresponding validation report which incorporate



the earlier response to the review. While the concern of the Board on the trend of tariffs 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 highest reported tariff in the province, the project IRR does not cross the benchmark;

(k) "TBEC Tha Chang Biogas Project" (2970) if the project participants and the DOE (TÜV SÜD) submit a revised PDD and the corresponding validation report which incorporate the information submitted to the review team's questions regarding the investment analysis, and remove the barrier analysis;

(l) "Eryuan Huian Hydropower Station" (2972) if the project participants and the DOE (TÜV Nord) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the review, and further substantiate the suitability of the tariff as a means of demonstrating the additionality of the project activity. In undertaking these corrections, the project participants and the DOE should note the Board's concerns regarding the suitability of the tariff as outlined in EB 53, annex 32;

(m) "North Longyuan Huitengliang Wind Power Project" (3005) if the project participants and the DOE (TÜV SÜD) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the review. 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) "Hebei Baoding biomass combined stoves and heater (BCSH) Project 1" (3013) if the project participants and the DOE (TÜV SÜD) submit a revised PDD and the corresponding validation report, which incorporate the information submitted to the review team's questions regarding the monitoring of the composition of briquettes and the specific fuel consumption;

(o) "Chongqing Longshui 8 MW Hydro Power Project" (3047) if the project participants and the DOE (TÜV-Nord) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the review, and further substantiate the suitability of the tariff as a means of demonstrating the additionality of the project activity. In undertaking these corrections the project participants and the DOE should note the Board's concerns regarding the suitability of the tariff as outlined in EB 53, annex 32;

(p) "Hebei Chengde Peifeng Wind Farm Project" (3079) if the project participants and the DOE (TÜV Rheinland) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the review. While the concern of the Board on the trend of tariffs 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;

(q) "Huadian Tongliao Beiqinghe 300 MW Wind Farm Project" (3091) if the project participants and the DOE (DNV) submit a revised PDD and the corresponding validation report which incorporate the response to the review, and further substantiate the suitability of the tariff as a means of demonstrating the additionality of the project activity. In undertaking these corrections the project participants and the DOE should note the Board's concerns regarding the suitability of the tariff as outlined in EB 53, annex 32;



(r) "Gutanhe 10 MW Hydropower Project in Yunnan Province" (3113) if the project participants and the DOE (TÜV SÜD) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the review and further substantiate the suitability of the tariff as a means of demonstrating the additionality of the project activity. In undertaking these corrections, the project participants and the DOE should note the Board's concerns regarding the suitability of the tariff as outlined in EB 53, annex 32.

61. In accordance with paragraphs 17 and 18 (b) of the above-mentioned procedures, the Board could not register the following project activities:

(a) "Yunnan Diqing Jisha Hydropower Project" (2869) as the project participants and the DOE (TÜV SÜD) have failed to substantiate the additionality of the project activity, in particular:

(i) The continuing and real actions taken to secure the CDM status in parallel with its implementation in line with the requirements of VVM, version 1.1, paragraphs 101 and 102; and

(ii) The suitability of the input values applied to calculate the IRR, taken from a revised FSR (September 2004) while the decision to invest in the project was made in August 2004 based on the original FSR (December 2003) with which the IRR crosses the 8% benchmark;

(b) "Huadian Beijing Natural Gas based Power Generation Project" (2930) as the project participants and the DOE (DNV) have failed to substantiate the application of the methodology as the project activity is a cogeneration project that provides both electricity for export to the grid and heat for the district heating whereas the applicability condition of the methodology limits the application of the methodology only to a new natural gas fired grid-connected electricity generation plant;

(c) "GHG Emission Reductions through grid connected high efficiency power generation" (3020) as the project participant and the DOE (DNV) have failed to substantiate the:

(i) Additionality of the project activity, in particular, the suitability of the electricity tariff applied by the project participant in the context of the project activity undertaken without CDM as a baseline alternative, as the project participant had not considered a tariff that would enable it to achieve its ROE benchmark and implement the project activity without considering CDM revenues; and

(ii) Investment barrier, as the dates of the loan agreements with IFC and ADB (according to annexes I & II) are after the project start date and the specific provision cited (as contained in Annex III) does not clearly indicate that the lenders have taken into account the CDM registration of the project activity;

(d) "Cimentos do Mozambique – Matola Gas Company Fuel Switch Project" (3048) as the project participants and the DOE (DNV) have failed to substantiate that the methodology has been correctly applied in line with the requirements of VVM version 1.1, paragraph 70, as:

(i) The energy efficiency of the baseline is not measured in accordance with the methodology, and no request for deviation / clarification was submitted; and

(ii) Monitoring of the efficiency of the project activity is not determined by undertaking measurements at the element process as per the requirement of the methodology.



62. In accordance with the clarifications to paragraph 10 of the above-mentioned procedures, the Board considered one project activity for which corrections had been submitted in response to the outcome of a previous request for review.
63. The Board agreed to undertake a review of the project activity:
- (a) "340 MW Gas based combined cycle power project expansion at Hazira" (2915) 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 39](#) to this report.
64. The Board agreed on the nomination of the members of the review team for the above. The review team may call on outside expertise in consultation with the Chair of the Board, as appropriate.
65. In accordance with the clarifications to paragraph 18 (b) of the above-mentioned procedures, the Board considered 19 project activities for which corrections had been submitted in response to the outcome of a previous review.
66. The Board agreed to register, as corrected, the project activities:
- (a) "Huaneng Jilin Tongyu Phase II Wind Farm Project" (2598) submitted for registration by the DOE (BVC). While the concern of the Board on the trend of tariffs 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.
67. The Board could not register the project activities:
- (a) "Heilongjiang Daqing Ruihao Wind Farm Project" (1422) submitted for registration by the DOE (BVC). The Board considered the corrected project documentation which had been submitted in response to the outcome of a review finalized at EB 52. The Board could not consider the corrections satisfactory and therefore rejected the project activity;
- (b) "Hebei Shangyi Manjing North Wind Farm Project" (1792) submitted for registration by the DOE (DNV). The Board considered the corrected project documentation which had been submitted in response to the outcome of a review finalized at EB 51. The Board noted that the corrections which had been requested following the review, required the DOE to provide information as to whether the tariffs could be considered to be an E- policy and if not, to assess in a quantitative manner whether the observed changes in the applicable tariff had resulted in a change in the incentives for investors. The Board considered that the DOE and project participants had failed to either clarify that the tariff could be considered an E- policy or provide a quantitative assessment. The Board could therefore not assess the suitability of the applied tariff and therefore could not register the proposed CDM project activity;
- (c) "CECIC Zhangbei Gaojialiang Wind farm Project" (1895) submitted for registration by the DOE (BVC). The Board considered the corrected project documentation which had been submitted in response to the outcome of a review finalized at EB 52. The Board noted that the corrections which had been requested following the review required the DOE to provide information as to whether the tariffs could be considered to be an E- policy and if not; to assess in a quantitative manner whether the observed changes in the applicable tariff had resulted in a change in the incentives for investors. The Board considered that the DOE and project participants had failed to either clarify that the tariff could be considered an E- policy or provide a quantitative assessment. The Board could therefore not assess the suitability of the applied tariff and therefore could not register the proposed CDM project activity;



- (d) "Heilongjiang Fujin 48 MW Wind Power Project" (2573) submitted for registration by the DOE (TÜV Nord). The Board considered the corrected project documentation which had been submitted in response to the outcome of a review finalized at EB 51. The Board could not consider the corrections satisfactory and therefore rejected the project activity;
- (e) "Sichuan Xiba Small Hydro Power Project" (2725) submitted for registration by the DOE (TÜV Nord). The Board considered the corrected project documentation which had been submitted in response to the outcome of a review finalized at EB 52. The Board noted that the corrections which had been requested following the review, required the DOE to provide information as to whether the tariffs could be considered to be an E+ policy and if not, to assess in a quantitative manner whether the observed changes in the applicable tariff had resulted in a change in the incentives for investors. The Board considered that the DOE and project participants had failed to either clarify that the tariff could be considered an E+ policy or provide a quantitative assessment. The Board could therefore not assess the suitability of the applied tariff and therefore could not register the proposed CDM project activity;
- (f) "Shandong Laizhou phase II Wind Power Project" (2730) submitted for registration by the DOE (BVC). The Board considered the corrected project documentation which had been submitted in response to the outcome of a review finalized at EB 52. The Board noted that the corrections which had been requested following the review, required the DOE to provide information as to whether the tariffs could be considered to be an E- policy and if not, to assess in a quantitative manner whether the observed changes in the applicable tariff had resulted in a change in the incentives for investors. The Board considered that the DOE and project participants had failed to either clarify that the tariff could be considered an E- policy or provide a quantitative assessment. The Board could therefore not assess the suitability of the applied tariff and therefore could not register the proposed CDM project activity;
- (g) "Heilongjiang Mudanjiang Xiaoguokui Wind Power Project" (2774) submitted for registration by the DOE (BVC). The Board considered the corrected project documentation which had been submitted in response to the outcome of a review finalized at EB 53. The Board could not consider the corrections satisfactory and therefore rejected the project activity;
- (h) "Heilongjiang Fuyuan Wind Power Project" (2775) submitted for registration by the DOE (BVC). The Board considered the corrected project documentation which had been submitted in response to the outcome of a review finalized at EB 53. The Board could not consider the corrections satisfactory and therefore rejected the project activity;
- (i) "Heilongjiang Dabaishan Wind Power Project" (2776) submitted for registration by the DOE (BVC). The Board considered the corrected project documentation which had been submitted in response to the outcome of a review finalized at EB 53. The Board could not consider the corrections satisfactory and therefore rejected the project activity;
- (j) "Yunnan Lincang City Nanlinghe 1st level Small-scale Hydropower Project" (2812) submitted for registration by the DOE (TECO). The Board considered the corrected project documentation which had been submitted in response to the outcome of a review finalized at EB 53. The Board noted that the corrections which had been requested following the review, required the DOE to assess whether there have been any changes in the policies which impact the tariff applicable to the project activity after 11 December 1997; quantitatively assess the impact of the policy change and/or if the lower tariff cannot be fully attributed to policy changes; explain the differences in tariffs in a quantitative manner with reference to other factors. The Board considered that the DOE and project participants had failed to provide an acceptable quantitative assessment and therefore the Board could not assess the suitability of the applied tariff or register



the proposed CDM project activity;

(k) "Liaoning Beipiao Beitazi I Wind Power Project" (2830) submitted for registration by the DOE (TÜV Rheinland). The Board considered the corrected project documentation which had been submitted in response to the outcome of a review finalized at EB 53. The Board noted that the corrections which had been requested following the review, required the DOE to assess whether there have been any changes in the policies which impact the tariff applicable to the project activity, after 11 November 2001; quantitatively assess the impact of the policy change and/or if the lower tariff cannot be fully attributed to policy changes; explain the differences in tariffs in a quantitative manner with reference to other factors. The Board considered that the DOE and project participants had failed to provide this quantitative assessment and therefore the Board could not assess the suitability of the applied tariff or register the proposed CDM project activity;

(l) "Jinping Ladeng River Hydropower Station" (2849) submitted for registration by the DOE (TÜV SÜD). The Board considered the corrected project documentation which had been submitted in response to the outcome of a review finalized at EB 53. The Board noted that the corrections which had been requested following the review required the DOE to assess whether there have been any changes in the policies which impact the tariff applicable to the project activity 11 December 1997; quantitatively assess the impact of the policy change and/or if the lower tariff cannot be fully attributed to policy changes; explain the differences in tariffs in a quantitative manner with reference to other factors. The Board considered that the DOE and project participants had failed to provide an acceptable quantitative assessment and therefore the Board could not assess the suitability of the applied tariff or register the proposed CDM project activity;

(m) "Shuanghekou 16.6 MW Hydropower Project in Chongqing City, P.R. China" (2861) submitted for registration by the DOE (TÜV SÜD). The Board considered the corrected project documentation which had been submitted in response to the outcome of a review finalized at EB 53. The Board noted that the corrections which had been requested following the review, required the DOE to assess whether there have been any changes in the policies which impact the tariff applicable to the project activity 11 December 1997; quantitatively assess the impact of the policy change and/or if the lower tariff cannot be fully attributed to policy changes; explain the differences in tariffs in a quantitative manner with reference to other factors. The Board considered that the DOE and project participants had failed to provide an acceptable quantitative assessment and therefore the Board could not assess the suitability of the applied tariff or register the proposed CDM project activity;

(n) "Hebei Chengde Yudaokou Windfarm 48 MW project" (2865) submitted for registration by the DOE (TÜV Nord). The Board considered the corrected project documentation which had been submitted in response to the outcome of a review finalized at EB 53. The Board noted that the corrections which had been requested following the review required the DOE to assess whether there have been any changes in the policies which impact the tariff applicable to the project activity 11 November 2001; quantitatively assess the impact of the policy change and/or if the lower tariff cannot be fully attributed to policy changes; explain the differences in tariffs in a quantitative manner with reference to other factors. The Board considered that the DOE and project participants had failed to provide an acceptable quantitative assessment and therefore the Board could not assess the suitability of the applied tariff or register the proposed CDM project activity;

(o) "Yunnan Province Luxi City Wanma River 2nd Level Hydropower Station" (2879) submitted for registration by the DOE (TÜV Rheinland). The Board considered the corrected



project documentation which had been submitted in response to the outcome of a review finalized at EB 53. The Board noted that the corrections which had been requested following the review required the DOE to assess whether there have been any changes in the policies which impact the tariff applicable to the project activity 11 December 1997; quantitatively assess the impact of the policy change and/or if the lower tariff cannot be fully attributed to policy changes; explain the differences in tariffs in a quantitative manner with reference to other factors. The Board considered that the DOE and project participants had failed to provide an acceptable quantitative assessment and therefore the Board could not assess the suitability of the applied tariff or register the proposed CDM project activity;

(p) "Changning Kawan 18.9 MW Hydroelectric Project" (2902) submitted for registration by the DOE (TECO). The Board considered the corrected project documentation which had been submitted in response to the outcome of a review finalized at EB 53. The Board noted that the corrections which had been requested following the review required the DOE to assess whether there have been any changes in the policies which impact the tariff applicable to the project activity, after 11 December 1997; quantitatively assess the impact of the policy change and/or if the lower tariff cannot be fully attributed to policy changes; explain the differences in tariffs in a quantitative manner with reference to other factors. The Board considered that the DOE and project participants had failed to provide an acceptable quantitative assessment and therefore the Board could not assess the suitability of the applied tariff or register the proposed CDM project activity;

(q) "Shimian Haiyang Hydropower Project" (2926) submitted for registration by the DOE (JCI). The Board considered the corrected project documentation which had been submitted in response to the outcome of a review finalized at EB 53. The Board noted that the corrections which had been requested following the review required the DOE to assess whether there have been any changes in the policies which impact the tariff applicable to the project activity 11 December 1997; quantitatively assess the impact of the policy change and/or if the lower tariff cannot be fully attributed to policy changes; explain the differences in tariffs in a quantitative manner with reference to other factors. The Board considered that the DOE and project participants had failed to provide an acceptable quantitative assessment and therefore the Board could not assess the suitability of the applied tariff or register the proposed CDM project activity;

(r) "Hunan Tongdao Yaolaitan 5.55 MW Hydro Power Project" (2933) submitted for registration by the DOE (TÜV Nord). The Board considered the corrected project documentation which had been submitted in response to the outcome of a review finalized at EB 53. The Board noted that the corrections which had been requested following the review required the DOE to assess whether there have been any changes in the policies which impact the tariff applicable to the project activity, after 11 December 1997; quantitatively assess the impact of the policy change and/or if the lower tariff cannot be fully attributed to policy changes; explain the differences in tariffs in a quantitative manner with reference to other factors. The Board considered that the DOE and project participants had failed to provide an acceptable quantitative assessment and therefore the Board could not assess the suitability of the applied tariff or register the proposed CDM project activity.

***Registration procedure/General guidance***

68. The Board further discussed the revision of the process of a review for a request for registration and agreed on "Procedures for review of requests for registration" as contained in [annex 40](#) of this report. The Board agreed that all requests for registration which are placed under review after the adoption of this report will be processed in accordance with these new procedures and that requests for registration which had been placed under review prior to the adoption of this report will continue to be processed in accordance with the previous procedures (annex III of decision 4/CMP.1).

69. The Board took note of the update by the secretariat on implementation of the procedures for requests for registration of proposed CDM project activities.

70. The Board took note of the data regarding highest tariffs for wind and hydro facilities in the People's Republic of China that were published on the UNFCCC CDM website in accordance with the Board's request at its fifty-fourth meeting.

71. The Board took note that forms for submission of request for withdrawal were published on the UNFCCC CDM website in accordance with the Board's request at its fifty-fourth meeting.

72. The Board took note that lists of requirements for completeness checks were published on the UNFCCC CDM website in accordance with the Board's request at its fifty-fourth meeting.

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

73. The Board took note that 423,520,626 CERs have been issued as of 30 July 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

74. In accordance with the procedures for review as referred to in paragraph 65 of the CDM modalities and procedures, the Board considered the recommendation of the review teams for seven (7) project activities which were placed "Under review" at the fifty-third and fifty-fourth meeting of the Board.

75. In accordance with the clarifications to paragraph 18 (b) of the above-mentioned procedures, the Board agreed to instruct the CDM registry administrator to issue CERs, subject to satisfactory corrections, for:

(a) "4 MW renewable energy project by Sri Kalyani Agro Products & Industries Ltd." (0768), if the project participant and the DOE (DNV) submit the monitoring report and the corresponding verification report that incorporate the clarification on the higher operating hours and the higher percentage of electricity exported to the rice mill and steel plant;

(b) "Jiangxi Fengcheng Mining Administration CMM Utilization Project" (1135), if the project participant and the DOE (TÜV SÜD) submit a revised monitoring report and a corresponding revised verification report which incorporate the clarifications on CMM baseline thermal demand and leakage submitted in response to the request for review and the clarification on the separate monitoring of pre-mining and post-mining CMM and calculation of emission reductions submitted in response to the review;

(c) "Fuxin CMM/CBM Utilization Project in Liaoning Province" (1926), if the project participant and the DOE (TÜV SÜD) submit a revised monitoring report and a corresponding



verification report that incorporate the clarification provided in response to the request for review and under review regarding the monitoring of CMMPJ, i and PMMPJ, i.

(d) "Nantong Coalmine Methane" (1929), if the project participant and the DOE (ERM CVS) submit:

(i) A revised monitoring report and a corresponding verification report that incorporate the clarifications submitted in response to review regarding combined measurement of CMMPJ, i and PMMPJ, i; and

(ii) A revised verification report which includes a requirement to revise the monitoring plan to adjust it to the real monitoring practices prior to the next request for issuance.

76. The Board could not approve the requests for issuance of CERs for:

(a) "4.5 MW Biomass (low density Crop Residues) based Power Generation unit of Malavalli Power Plant Pvt Ltd." (0298), submitted by the DOE (DNV) for the monitoring period 01/10/07 - 31/07/08, because:

(i) The DOE did not confirm that the annual monitoring of NCV is the most conservative assumption theoretically possible as stated in the VVM version 1.1 paragraph 207(a); and

(ii) The DOE failed to request for deviation, regarding the monitoring of NCV, since the actual monitoring practice is not in accordance with the monitoring plan, as required by the VVM version 1.1 paragraph 210.

(b) "Demand side energy conservation and reduction measures at ITC Tribeni Unit" (0745), submitted by the DOE (DNV) for the monitoring period 01/01/08 - 31/12/08, because the calculation of emission reductions for each project measure was not in accordance with the registered PDD which requires that the emission reductions be calculated using "the total operating hours in the project" times the difference between the pre- and post-project hourly power consumption for each project measure, whereas the PP/DOE calculated the baseline emissions based on annualized electricity consumption and this was not in accordance with the registered PDD and may result in over-estimation of the baseline emissions;

(c) "Ningguo Cement Plant 9100KW Waste Heat Recovery and Utilisation for Power Generation Project of Anhui Conch Cement Co. Ltd" (0898), for the monitoring period 01/03/2008 - 31/05/2009 submitted by the DOE (DNV) because the DOE did not verify the ex-post grid emission factor calculation in line with the requirement of ACM0002 version 6 and the clarification provided by the Meth Panel (AM_CLA_0038) to this version of the methodology.

77. In accordance with paragraph 19 of the "Procedures for notifying and requesting approval of changes from the project activity as described in the registered PDD", the Board considered submissions by DOE with regard to notification of changes and request for approval of changes from the registered PDD and agreed to accept the changes and allow the subsequent requests for issuance for:

(a) "Mondi RichardsBay Biomass Project" (0966), submitted by the DOE (DNV), taking note of the response to the clarification regarding the change in the monitoring of the moisture content of biomass;

(b) "Angang Sinter Machine Waste Heat Recovery and Generation Project" (1709), submitted by the DOE (DNV), provided the DOE and project participants submit a revised PDD containing



the monitoring of auxiliary consumption of the major auxiliary equipments as provided in response to the clarification requested by the Board.

78. With regard to request for notification of changes of project activity "Beijing No.3 Thermal Power Plant Gas-Steam Combined Cycle Project Using Natural Gas" (1373) submitted by the DOE (TÜV Nord), the Board agreed to further request the Meth Panel to provide technical inputs on the applicability and application of the applied methodology in accordance with paragraph 18 of the "Procedures for notifying and requesting approval of changes from the project activity as described in the registered PDD".

79. 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 "Alta Mogiana Bagasse Cogeneration Project (AMBCP)" (0181) submitted by the DOE (AENOR) for the monitoring period of 1 January to 31 December 2006.

General guidance

80. The Board further discussed the revision of the process of a review for a request for issuance of CERs and agreed on "Procedures for review of requests for issuance" as contained in [annex 41](#) of this report. The Board agreed that all requests for issuance which are placed under review after the adoption of this report will be processed in accordance with these new procedures and that requests for issuance which had been placed under review prior to the adoption of this report will continue to be processed in accordance with the previous procedures (annex IV of decision 4/CMP.1).

81. The Board further clarified that when gas is extracted from a mine within the project boundary of a CDM project activity and a connection between CMMPJ, i (pre-mining CMM captured, sent to and destroyed) and PMMPJ, i (post-mining CMM captured, sent to and destroyed) is in the underground mine, as specified in the version 7 of the methodology ACM0008, the practice of combined measurement of CMMPJ, i and PMMPJ, i is allowed. Therefore, DOEs are not required to submit a request for revision of monitoring plan to address this inconsistency with the requirement of the methodology.

82. The Board took note of the update by the secretariat on implementation of the procedures for requests for issuance of CERs.

84. The Board took note that forms for submission of request for withdrawal were published on the UNFCCC CDM website in accordance with the Board's request at its fifty-fourth meeting.

85. The Board took note that lists of requirements for completeness checks were published on the UNFCCC CDM website in accordance with the Board's request at its fifty-fourth meeting.

86. The Board requested the secretariat to prepare a note regarding the application of methodological tools for projects registered before the adoption of the tools for the consideration of the Board at a future meeting.

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

87. 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 42 to this report. It was noted that the total income generated up to 28 July 2010 amounted to USD 50,230,721 which includes the carry-over from 2009 of USD 32,873,164. The Board further noted that figures for fees for the period 1 January - 28 July 2010 were also provided, indicating i.a. income of USD 9,517,229 from registration fees and USD 7,736,409 from shares of proceeds. The Board also noted the data contained in the same annex regarding the current status of recruitment.

88. Due to time constraints, the Board could not consider the status of recruitment and agreed to postpone this to a future meeting.

89. Due to time constraints, the Board could not consider an update by the secretariat on the current liquidity of the CDM Trust Fund and agreed to postpone this to a future meeting.

90. 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.

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

91. The Board considered the policy paper on draft procedures for appeals against decisions of the Board and requested the secretariat to prepare draft procedures based on the comments provided by the Board for consideration at the next meeting. In particular the Board requested the secretariat to develop these procedures with a view to making a recommendation to the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol at its sixth session, which would be based on the assumption that the Executive Board would remain the initial decision maker, that the scope of the appeals would be limited, that the appeals process would be based on a "two-party" approach, that the appellate body would have the authority to request specified additional information from either party, and that the appealed body would give deference to the ruling of the initial decision maker.

Agenda sub-item 5 (b): Regional distribution

92. The Board considered an update by the secretariat on the work undertaken regarding the operationalization of a loan scheme to cover the cost of CDM project development in countries with less than 10 projects and agreed to base the management mode on "Variant 2" presented in annex 12 to the annotated agenda of the present Board meeting, which entails outsourcing of management functions, with involvement of the secretariat. The Board requested the secretariat to develop draft guidelines and modalities of a loan scheme based on the agreed variant for consideration at its next meeting.

93. The Board took note of a presentation by the secretariat on the result of a survey it conducted to DNAs to identify sectors with potential of developing CDM project activities in countries with fewer than 10 registered CDM project activities, including the feedback provided by DNAs. The Board requested the secretariat to take into account this feedback when developing top-down methodologies.

**Agenda sub-item 5 (c): Relations with Designated National Authorities**

94. The Board took note of an update by the secretariat on a DNA training workshop held on 28-29 June 2010 and on the ninth meeting of the CDM DNA Forum held on 30 June and 1 July 2010, both took place in Bonn, Germany. The Board also took note of the planned DNA Forum meetings in 2010, including a regional DNA Forum meeting and training for DNAs in the Latin America and Caribbean region to be held on 10-12 October 2010 in Santo Domingo, Dominican Republic, and the tenth DNA Forum meeting to be held on 27 and 28 October 2010 in Cancun, Mexico.

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

95. 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.

96. 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) Possibility to make corrections to registration requests or issuance requests which were submitted prior to the publication of the completeness and information checklists, but which are still awaiting the completeness check;
- (b) Consideration of further updates to the list of highest tariffs in China;
- (c) Changes in the start date of the crediting period of project activities with a delay in operation;
- (d) The procedural treatment of capacity change at the end of the crediting period identified during the a verification activity which takes place after the end of the crediting period but prior to any request for renewal;
- (e) The applicable procedures related to the withdrawal of PDDs and monitoring reports.

97. The Board members responded to some of the questions raised by the Chair of the DOE/AE Forum.

98. 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)

99. The Board considered an update by the secretariat on the activities initiated in order to enhance the interaction and communication with CDM stakeholders and to enhance communication with project participants without going through the DOEs, as mandated by the CMP and previous decisions of the Board. The following activities were organized since the last meeting:

- a. CDM Roundtable, 12 June 2010, Bonn, Germany;
- b. New energy efficiency methodologies for SSC WG, 14 June 2010, Bonn, Germany;
- c. Designated National Authority Forum Training, 28-29 June 2010, Bonn, Germany;
- d. Accreditation Standards Meeting, 5 July 2010, Bonn, Germany;
- e. DOE/AIE Forum meeting, 6 July 2010, Bonn, Germany;



f. VVM Workshop, 12-13 July 2010, Bonn, Germany.

100. Based on the experience gained with the recent interactions with stakeholders mentioned in paragraph 99 above, the Board agreed to launch a call for inputs to allow CDM stakeholders to provide input to any additional areas of focus for future practitioner workshops. This call will be open from 30 July 2010 to 27 August 2010 on the UNFCCC CDM website.

101. The Board considered the way it interacts with registered observers to the meetings of the Board and requested the secretariat to prepare draft guidelines for these interactions for consideration of the Board at a future meeting.

102. 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.

103. 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 23 August 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

104. The Board agreed on the provisional agenda for its fifty-sixth meeting, to be held in Petrópolis, Brazil from 13-17 September 2010, as contained in [annex 43](#) to this report, with an open session on the 15-17 September 2010. The Board will hold this meeting in conjunction to two-day policy retreat (18-19 September 2010).

105. The Board agreed to the revised schedule of the meetings of the Board and its support structure, as contained in [annex 44](#) 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. Following rule 30 of the Rules of Procedure, the Board agreed, via electronic decision making, to open a call for public inputs on the draft "Consolidated methodology for electricity and heat generation from biomass residues" methodology prepared by the Meth Panel. This call is open from 22 July 2010 to 5 August 2010 at https://cdm.unfccc.int/public_inputs/2010/acm0006/index.html.

108. Any decision 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

109. The Chair closed the meeting.

**Annexes to the report****Accreditation**

Annex 1 - Clean Development Mechanism Verification and Validation Manual (version 01.2)

Annex 2 - Work programme for the CDM-AP for 2010 (version 02)

Methodologies

Annex 3 - AM0088 - Air separation using cryogenic energy recovered from the vaporization of LNG (version 01)

Annex 4 - AM0025 - Avoided emissions from organic waste through alternative waste treatment processes (version 12)

Annex 5 - AM0034 - Catalytic reduction of N₂O inside the ammonia burner of nitric acid plants (version 05)

Annex 6 - AM0053 - Biogenic methane injection to a natural gas distribution grid (version 02)

Annex 7 - AM0057 - Avoided emissions from biomass wastes through use as feed stock in pulp and paper, cardboard, fibreboard or bio-oil production (version 03)

Annex 8 - AM0058 - Introduction of a new primary district heating system (version 03.1)

Annex 9 - AM0062 - Energy efficiency improvements of a power plant through retrofitting turbines (version 02)

Annex 10 - AM0087 - Construction of a new natural gas power plant supplying electricity to the grid or a single consumer (version 02)

Annex 11 - ACM0007 - Consolidated methodology for conversion from single cycle to combined cycle power generation (version 04)

Annex 12 - ACM0008 - Consolidated methodology for coal bed methane, coal mine methane and ventilation air methane capture and use for power (electrical or motive) and heat and/or destruction through flaring or flameless oxidation (version 07)

Annex 13 - ACM0014 - Mitigation of greenhouse gas emissions from treatment of industrial wastewater (version 04)

Annex 14 - ACM0016 - Baseline and monitoring methodology for Mass Rapid Transit Projects (version 02)

Annex 15 - AM0042 - Grid-connected electricity generation using biomass from newly developed dedicated plantations (version 02.1)

Annex 16 - ACM0006 - Consolidated methodology for electricity generation from biomass residues in power and heat plants (version 10.1)

Annex 17 - ACM0018 - Consolidated methodology for electricity generation from biomass residues in power-only plants (version 01.1)

Annex 18 - Tool to determine methane emissions avoided from disposal of waste at a solid waste disposal site (version 05)



Annex 19 - Request for the Meth Panel to continue work on HFC projects

Annex 20 - Work programme of the Meth Panel (Second semester of 2010)

CDM afforestation and reforestation project activities

Annex 21 - Tool for estimation of change in soil organic carbon stocks due to the implementation of A/R CDM project activities (version 01)

Annex 22 - Project design document form for A/R CDM project activities (CDM-AR-PDD) (version 05)

Annex 23 - Form for proposed new baseline and monitoring methodology for A/R CDM project activities (CDM-AR-NM) (version 04)

Annex 24 - Proposed new A/R methodology expert form – Lead review (version 04)

Annex 25 - Proposed new A/R methodology expert form – Second review (version 04)

Annex 26 - Work programme of the A/R WG (Second semester of 2010)

Issues relating to small-scale CDM project activities

Annex 27 - AMS-III.AL Conversion from single cycle to combined cycle power generation (version 01)

Annex 28 - AMS-I.G Plant oil production and use for energy generation in stationary applications (version 01)

Annex 29 - AMS-I.H Biodiesel production and use for energy generation in stationary applications (version 01)

Annex 30 - AMS-III.AK Biodiesel production and use for transportation applications (version 01)

Annex 31 - AMS-III.C Emission reductions by electric and hybrid vehicles (version 12)

Annex 32 - AMS-III.S Introduction of low-emission vehicles/technologies to commercial vehicle fleets (version 02)

Annex 33 - AMS-III.T Plant oil production and use for transport applications (version 02)

Annex 34 - AMS-III.H Methane recovery in wastewater treatment (version 15)

Annex 35 - Guidelines to SSC methodologies (version 14)

Annex 36 - Work programme of the SSC WG (Second semester of 2010)

Matters relating to programme of activities

Annex 37 - Procedures for review of erroneous inclusion of a CPA

Annex 38 - Procedures for registration of a Programme of Activities as a single CDM Project Activity and issuance of certified emission reductions for a Programme of Activities

Matters relating to the registration of CDM project activities

Annex 39 - Scope of review (registration) - Project 2915

Annex 40 - Procedures for review of requests for registration



Matters relating to the issuance of CERs and the CDM registry

Annex 41 - Procedures for review of requests for issuance

Management plan and resources for the work on the CDM

Annex 42 - Status of resources and status of the secretariat's recruitment

Other matters

Annex 43 - Provisional agenda for EB 56

Annex 44 - Schedule of meetings of the CDM Executive Board and its panels and working groups in 2010 (version 04)



Endnotes

1. Please refer to 4/cmp.1 <FCCC/KP/CMP2005/8/Add.1>.