



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

Date: 26 March 2010  
Ref: CDM-EB-53

**EXECUTIVE BOARD OF THE CLEAN DEVELOPMENT MECHANISM  
FIFTY-THIRD MEETING  
Report Version 01.1\***

**Date of meeting:** 22-26 March 2010

**Location:** Bonn, Germany

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

<b>Members</b>	<b>Alternates</b>
<b>Mr. Pedro Martins Barata</b> <sup>2</sup>	<b>Mr. Lex de Jonge</b> <sup>2</sup>
<b>Mr. Kamel Djemouai</b> <sup>1</sup>	<b>Mr. Samuel Adeoye Adejuwon</b> <sup>1</sup>
<b>Mr. Philip M. Gwage</b> <sup>2</sup>	<b>Mr. Paulo Manso</b> <sup>2</sup>
<b>Mr. Martin Hession</b> <sup>1</sup>	<b>Mr. Thomas Bernheim</b> <sup>1</sup>
<b>Mr. Shafqat Kakakhel</b> <sup>1</sup>	<b>Mr. Rajesh Kumar Sethi</b> <sup>1</sup>
<b>Mr. Clifford Mahlun</b> <sup>2</sup>	<b>Mr. Asterio Takesy</b> <sup>2</sup>
Vacant	<b>Ms. June Hughes</b> <sup>2</sup>
<b>Ms. Diana Harutyunyan</b> <sup>2</sup>	<b>Ms. Danijela Bozanic</b> <sup>2</sup>
<b>Mr. Hugh Sealy</b> <sup>1</sup>	<b>Mr. José Domingos Miguez</b> <sup>1</sup>
<b>Mr. Peer Stiansen</b> <sup>1</sup>	<b>Mr. Akihiro Kuroki</b> <sup>1</sup>

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

<sup>2</sup> 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> >.

\* This version was issued to editorially revise paragraph 12 (b) and 13 and to revise the title of annex 32.

**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. Members and alternate members made declarations as to whether they had a conflict of interest as to any items on the meeting agenda.
2. The Board considered the information provided by the secretariat related to the CMP request to publish statements on conflict of interest and curricula vitae, bearing in mind issues related to privileges and immunities of Board members and agreed to continue to consider this issue at the next meeting. Some members also requested that their signed statements regarding conflict of interest be attached to this report, as contained in [annex 1](#) to this report. The Chair of the Board reminded members to send their curricula vitae to the secretariat for publication on the UNFCCC CDM website.
3. The Board noted that the secretariat was informed that Mr. Asterio Takesy was unable to attend the meeting and had provided proper justification for his absence.

**Agenda item 2. Adoption of the agenda**

4. The Board adopted the agenda of the meeting.

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

5. The Board took note of the report of the forty-seventh meeting of the CDM accreditation panel (CDM-AP), and an oral report by the CDM-AP 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 desk reviews, on-site assessments, performance assessments and other accreditation related issues.

*Case specific*

6. The Board, after the consideration of recommendations of the CDM-AP, decided to:
  - (a) Re-accredit the entity "Bureau Veritas Certification Holding SAS" (BVCH) for the validation and verification/certification functions in the sectoral scopes 1-15;
  - (b) Re-accredit the entity "Lloyd's Register Quality Assurance Ltd." (LRQA) for the validation and verification/certification functions in the sectoral scopes 1-13;
  - (c) Re-accredit the entity "TÜV NORD CERT GmbH" (TÜV NORD) for the validation and verification/certification functions in the sectoral scope 1-15;
  - (d) Extend accreditation scope of the entity "Japan Consulting Institute" (JCI) for the validation and verification/certification functions in sectoral scopes 1, 2 and 13.
7. The Board considered a report of the CDM-AP on the outcome of a spot-check of "TÜV NORD CERT GmbH" (TÜV NORD), requested at its fifty-first meeting. The Board agreed to close the spot-check and to confirm the accreditation status of TÜV NORD.
8. The Board, taking into consideration the recommendation of the CDM-AP, the response of the designated operational entity (DOE) including proposed corrective actions, an oral presentation at a hearing and the outcome of an appeal panel assessment, decided to recommend to CMP to suspend the accreditation and designation of the designated operational entity "TÜV SÜD Industrie Service GmbH"



(TÜV SÜD) with immediate effect. The modalities of the suspension are described in the [annex 2](#) to this report.

9. The Board, taking into consideration the recommendation of the CDM-AP, the response of the DOE including the proposed corrective actions, the oral presentation at the hearing and the outcome of the appeal panel assessment, decided, in accordance with paragraph 48 (c) of the CDM Accreditation Procedure, to reject the application for re-accreditation of "Korea Energy Management Corporation" (KEMCO).

10. Noting that KEMCO's accreditation for sectoral scopes 1-15 is valid until March 2012, the Board further decided to recommend to CMP to partially suspend the accreditation and designation of the KEMCO in sectoral scopes 2, 4 and 6-15 with immediate effect. The modalities of the suspension are described in [annex 3](#) to this report.

### *General guidance*

11. The Board took note of the work undertaken by the CDM-AP on the revision of the CDM Accreditation Standard. The Board requested the CDM-AP to intensify this work, specifically on the further definition of technical areas and relevant competence requirements. The Board further requested the secretariat to organize a workshop that would be open to all DOEs to provide input on these issues.

12. The Board considered a progress update on the implementation of the policy framework to monitor performance of DOEs. The Board, noting its previous decision to use subcategories and weights proposed by the secretariat, agreed to use two thresholds for monitoring performance of DOEs. On reaching the first threshold a DOE will be notified of the need to undertake a root-cause analysis and implement corrective actions. On reaching the second threshold, a proposal will be forwarded to the Board for a spot-check of the relevant DOE. The Board agreed on the following levels of thresholds:

- (a) For the weighted rate of requests for review to the requests for registration: 0.5 and 3.0;
- (b) For the weighted rate of requests for review to the requests for issuance: 0.5 and 1.5.

13. The Board requested the secretariat to begin to calculate of the indicators I1 and I2 on the basis of requests submitted as of 1 January 2010. The Board further requested the secretariat to inform the DOEs of their current baseline indicators, calculated on the basis of requests published in August-September 2009.

14. The Board requested the secretariat to inform the Board at each of its future meeting of the performance of all DOEs. The Board also requested the the secretariat to regularly update the DOEs on their specific performance.

15. The Board adopted the revised guidelines for the preparation of the annual activity report by a DOE to the Board, as contained in [annex 4](#) to this report. This revision reflects the various requests by CMP to enhance reporting of DOEs on their activities, including those undertaken in countries with less than 10 registered CDM project activities.

16. The Board considered an oral presentation by the secretariat on the activities related to the Validation and Verification Manual (VVM) outreach activities. The secretariat informed the Board on the establishment of a web-based communication facility for AEs/DOEs to provide their views, feedback and experiences with regard to the application of requirements of the CDM-VVM in their validation and verification functions. The secretariat also informed the Board of the VVM workshop held in Rio de Janeiro, Brazil on 9-10 November 2009 and on workshops planned to be held in Japan and Germany.



17. The Board welcomed the training workshop to be organized for assessment team members on 26-27 April 2010. The Board requested the CDM-AP to strengthen the training programme for assessors with the aim of achieving greater consistency in assessment work.

18. The Board considered the shortlist of applicants to the Accreditation Panel received in response to the call for experts in order to replace the outgoing members of the Accreditation Panel. The Board agreed to appoint Mr. Hernan Carlino, Mr. Stanford Mwakasonda and Mr. Takashi Otsubo for a term of two years, from the next meeting of the CDM-AP until 1 June 2012.

19. The Board noted that the forty-eighth meeting of the CDM-AP is scheduled for 28-30 April 2010 in Bonn, Germany.

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

20. The Board took note of the report of the forty-third 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*

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

(a) **AM0086:** "Installation of energy free water purifier for safe drinking water application", which was proposed as NM0280 (Installation of zero energy water purifier in India) and link it to scope 03 (Energy demand), as contained in the [annex 5](#) to this report;

(b) **AM0087:** "Construction of a new natural gas power plant supplying electricity to the grid or a single consumer", which was proposed as NM0322 (Provision of natural gas-based electricity to a single user from a new plant owned and operated by the power supplier) and link it to scope 01 (Energy industries), as contained in the [annex 6](#) to this report.

22. Not to approve cases NM0295 and NM0301 which, if revised taking into account comments, can be resubmitted but will require new expert and public input and will be subject to the priorities for the Meth Panel set by the Board.

#### *Responses to requests for clarification*

23. The Board took note of the response provided by the Meth Panel on the request for clarification AM\_CLA\_0173.

#### *Responses to requests for revisions*

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

(a) To accept the request AM\_REV\_0178 concerning revision to the approved methodology AM0071. The revision expands the applicability of the approved methodology to cover small commercial refrigeration appliances;

(b) To partially accept the request AM\_REV\_0179 concerning revision to the approved methodology ACM0015. The revision limits the applicability of the methodology to existing plants only and modifies the equations (4) and (13) with respect to a consistent use of the units of the parameters;



- (c) To partially accept the request AM\_REV\_0173 concerning revision to the approved methodology AM0070. The revision concerns assessment and data collection on manufacturer benchmark and market benchmark;
- (d) Not to accept the request AM\_REV\_0181 concerning revision of the approved methodology ACM0012 dealing with a portion of waste gas captured for heat generation prior to the implementation of the project activity.

### *Revision of approved methodologies*

25. The Board revised the following approved methodologies:

- (a) **ACM0013:** The revision ensures that emission reductions are limited to those resulting from the higher efficiency of the power generation technology used in the project activity as compared to the baseline. The revised methodology is contained in [annex 7](#) to this report;
- (b) **ACM0015:** The revision restricts the application of the methodology to existing plants only, modifies equations (4) and (13) in order to correct the units of the involved parameters and changes the definitions of some parameters in order to make their identification clearer. The revised methodology is contained in [annex 8](#) to this report;
- (c) **AM0070:** The revision: (i) includes one additional option for the required evidences to ensure that produced refrigerators are not exported (i.e. VAT documentation); (ii) adjusts the baseline emissions procedure in order to account for changes of the standard used to calculate rated electricity consumption; and (iii) allows the option of including imported refrigerators in the calculation of the market benchmark. The revised methodology is contained in [annex 9](#) to this report;
- (d) **AM0071:** The revision expands the applicability of the methodology to “small commercial refrigeration appliances” in addition to the already applicable “domestic refrigeration appliances”. The revised methodology is contained in [annex 10](#) to this report;

The revised versions of the approved methodologies AM0070 and AM0071 will come into effect on 09 April 2010, 24:00 GMT, in accordance with the procedure for the revision of approved methodologies.

26. The Board agreed to suspend the use of the methodologies ACM0013 version 02.1 and ACM0015 version 02 by putting them on hold, with immediate effect hence, the revised methodologies ACM0013 version 03 and ACM0015 version 03 shall be deemed effective 26 March 2010 (2400 hours GMT).

### *General guidance*

27. The Board agreed to continue the consideration of the proposed revision to the “Tool to calculate the emission factor for an electricity system” at its next meeting.

28. The Board requested the Meth Panel to consider methodological approaches applicable to the estimation of baseline emissions for possible CDM project activities using less GHG intensive raw materials in Greenfield cement plants, and report back to the Board.

29. The Board took note that the Meth Panel developed the draft “Tool to calculate the weighted average cost of capital (WACC)” in response to paragraph 36(a) of Decision 2/CMP.4 and agreed to launch a call for public inputs on the draft tool. The call for public comments will be open from **26 March 2010 until 23 April 2010**.



30. The Board considered the shortlist of applicants to the Meth Panel received in response to the call for experts in order to replace the outgoing members of the Meth Panel and agreed to appoint members for a term of one year, from 1 June 2010. Members appointed are: Mr. Amr Abdel-Aziz, Mr. Dinesh Aggarwal, Mr. Jean-Jacques Becker, Mr. Luis Alberto De La Torre, Mr. Felix Dayo, Mr. Juerg Fuessler, Mr. Martin Jaime, Mr. Jan-Willem Martens, Mr. Pablo Mello e Souza, Mr. Daniel Perczyk, Mr. AK Perumal, Mr. Braulio Pikman, Mr. Mande Sanjay, Mr. Lambert Schneider, Ms. Ciska Terblanche, and Mr. Kenichiro Yamaguchi.

31. The Board expressed its deep appreciation to the outgoing members Mr. Ludovic Lacrosse, Mr. Narendra Parachuri and Mr. Roberto Schaeffer. The Board also requested the new members Mr. Martin Jaime, Mr. Pablo Mello e Souza and Mr. Mande Sanjay to attend the forty-fourth meeting of the Meth Panel to enable a smooth transition.

#### *Further schedule*

32. The Board noted that the forty-fourth meeting of the Meth Panel will be held from 19-23 April 2010 in Bonn, Germany.

33. The Board reminded project participants that the deadline for the thirty-fourth round of submissions of proposed new methodologies is 26 April 2010. The Board also reminded project participants that the new baseline and monitoring methodologies submitted in the above mentioned round will be considered according to the priorities of the work of the Board on methodological issues as contained in Annex 11 of the report of fifty-first meeting of the Board and taking into account provisions contained in paragraph 12 of "Procedure for the submission and consideration of a proposed new baseline and monitoring methodology for large scale CDM project activities" (Version 01) as contained in Annex 9 of the report of fifty-second meeting of the Board.

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

34. The Board took note of the report on the work of the twenty-seventh 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.

#### *Case specific*

35. Taking into consideration the inputs by the experts (desk reviewers), the public, and the recommendations of the A/R WG, the Board agreed to approve methodology:

- (a) **AR-AM0011** - "Afforestation and reforestation of land subject to polyculture farming", which was proposed as AR-NM0036 (Afforestation and reforestation of land subject to polyculture farming) and link it to scope 14 (Afforestation and reforestation), as contained in annex 11 to this report.

#### *Responses to requests for clarification*

36. The Board took note of the responses provided by the A/R WG on the requests for clarification AR\_AM\_CLA\_0008, AR\_AM\_CLA\_0009 and two other requests for clarifications, contained in two unsolicited letters submitted to the Board, as provided by the A/R WG and referred to in paragraphs 14 and 15 of the report of the twenty-seventh meeting of the A/R WG.

37. The Board considered the recommendation of the A/R WG to revise the methodology AR-ACM0001 version 03: "Afforestation and reforestation of degraded land" following the request for clarifications AR\_AM\_CLA\_0009 and approved the revision. The revised methodology is contained in



the [annex 12](#) to this report.

38. The Board further clarified the guidance provided in paragraph 33 of the report of its thirty-ninth meeting by stating that:

- (a) Until a DNA provides clarification that the definition of forest as reported by them to the Board includes palms (trees) and/or bamboos it shall be deemed that the definition does not include palms (trees) and bamboos;
- (b) Any clarifications from the DNA regarding the inclusion of palm (trees) and/or bamboos shall not retroactively affect the A/R project activities for which a Letter of Approval was issued.

39. The above guidance applies to small- and large-scale A/R project activities.

#### *General guidance*

40. The Board agreed that if an A/R project activity was started after 10 December 2005 and complies with the eligibility criteria for inclusion as an A/R CPA under the A/R PoA, then the project activity may be included as an A/R CPA under the A/R PoA and its crediting period starts at the starting date of the project activity.

41. The Board approved the "Procedure for the submission and consideration of a proposed new A/R baseline and monitoring methodology for A/R CDM project activities" (version 01). The procedure streamlines the process of consideration of a proposed new methodology by applying, inter alia, a thorough quality check at an early stage of the consideration of a proposed new methodology and reducing the number of hand-overs in the entire process. The procedure is contained of [annex 13](#) to this report.

42. The effective date for the above mentioned procedure is 12 April 2010 (2400 hours GMT). The Board also confirmed that until the new specific procedures regarding the payment to panel and working group members and experts enter into effect, the regulations contained in the "Procedures for the submission and consideration of a proposed new methodology for AR project activities" (version 07) regarding remuneration remain valid.

43. The Board considered the shortlist of applicants to the A/R WG received in response to the call for experts in order to replace the outgoing members of the A/R WG and agreed to appoint the members for a term of one year, from 1 June 2010. Members appointed are: Mr. Neil Bird, Mr. Nagmeldin G. Elhassan, Mr. Walter Oyhantcabal, Mr. Timothy Pearson, Mr. Marcelo Rocha, Mr. Shailendra Kumar Singh and Mr. Xiaoquan Zhang.

#### *Further schedule*

44. The Board noted that the twenty-eighth meeting of the A/R WG will be held from 16-18 June 2010 in Bonn, Germany.

45. The Board reminded project participants that the deadline for the twenty-sixth round of submissions of proposed new A/R methodologies is 14 June 2010. The Board also reminded project participants that new baseline and monitoring methodologies could be submitted at any time prior to this deadline.

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

46. The Board took note of the report on the work of the twenty-fourth meeting of the Small-Scale Working Group (SSC WG) to assist the Board in reviewing proposed methodologies for small-scale CDM project activities as well as an oral report by its Chair, Mr. Peer Stiansen, on the work of the group.



### *Case specific*

47. The Board approved a new small-scale methodology “AMS-III.AI Emission reductions through recovery of spent sulphuric acid ” assigned to sectoral scope 05 as contained in [annex 14](#) to this report. The methodology is for recovering and recycling of sulphuric acid from ‘spent sulphuric acid’ generated from manufacturing industries such as chemicals, dyes, pigments, drugs production. By recovering sulphuric acid, neutralization of spent acid with hydrated lime or lime stone and the associated CO<sub>2</sub> emissions in the existing facility are avoided. The energy released during recovery of acid is used for heat/electricity generation to displace fossil fuel thereby resulting in further emission reductions.

48. The Board approved a new small-scale methodology “AMS-III.AJ Recovery and recycling of materials from solid wastes” assigned to sectoral scope 13 as contained in [annex 15](#) to this report. The methodology covers activities for recovery and recycling of high density polyethylene (HDPE) and low density polyethylene (LDPE) materials in municipal solid wastes (MSW). HDPE and LDPE plastics recovered from MSW in the recycling facilities are further processed in manufacturing facilities to produce intermediate and finished products e.g., plastic resin, plastic bag to displace production of virgin HDPE and LDPE materials in dedicated facilities thereby resulting in energy savings and emission reduction.

### *Revisions of approved methodologies*

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

- (a) “AMS-III.D Methane recovery in animal manure management systems”, as contained in [annex 16](#) to this report to clarify the procedures to calculate project emissions when manure is stored for periods longer than 24 hours before treatment. Revisions also include a conservative default value of 60% for methane content in biogas as an alternative to measurement of methane content in biogas. Considering the similarities of AMS-III.D and AMS-III.R the Board agreed that the default value for methane content is also applicable to the latter;
- (b) “AMS-III.H Methane recovery in wastewater treatment”, to clarify among others the monitoring requirements of biogas flow rate and default model uncertainty factors to use in baseline and project emission calculations as contained in [annex 17](#) to this report;
- (c) “AMS-I.E Switch from non-renewable biomass for thermal applications by the user” as contained in [annex 18](#) to this report. The revisions include:
  - (i) Further clarification on the eligible technology/measures;
  - (ii) Default efficiency factors for baseline cook stoves;
  - (iii) Procedures for sampling;
  - (iv) Revised procedures for quantity of woody biomass that can be considered as non-renewable; and
  - (v) Clarifications as to which leakage requirements are appropriate for projects versus PoAs.

50. The revised versions of the SSC methodologies referred to in the paragraph above will come into effect on 9 April 2010, 24:00 GMT in accordance with the procedure for the revision of approved SSC methodologies.

51. The Board approved the combination of approved methodologies AMS-III.R with AMS-I.C for application in CPAs of a programme of activities (PoA) following a request from Hunan Biogas digester





PoA submitted by the DOE (DNV). The Board further agreed that combination of AMS-III.R and AMS-I.C can be applied in PoAs now onwards without each PoA specifically requesting the approval of the combination of these two methodologies from the Board.

### *General guidance*

52. The Board agreed to open a call for public inputs on specific aspects of approved small scale methodologies for energy efficient residential lighting, draft methodologies for energy efficient exterior lighting and domestic solar water heating (SDWH) system as listed in Annex 7 and Annex 9 respectively of the report of the twenty-fourth meeting of the SSC WG.

53. Further the Board also agreed that call for inputs from the public shall include suggestions for establishment of simplified modalities for demonstrating additionality for project activities up to 5 megawatts that employ renewable energy as their primary technology and for energy efficiency project activities that aim to achieve energy savings at a scale of no more than 20 gigawatt hours per year (see paragraph 24 of further guidance relating to clean development mechanism, Decision 2/CMP.5.)

54. The Board requested the SSC WG that at its twenty-fifth meeting it shall make a recommendation for the revision of energy efficient residential lighting methodologies taking into account the public inputs for the consideration of the Board at its fifty-fourth meeting.

55. Due to the proximity of the next SSC WG meeting, the calls for public comments will be open for two weeks from **26 March 2010 ending on 12 April 2010**.

56. The Board considered the shortlist of applicants to the SSC WG received in response to the call for experts in order to replace the outgoing members of the SSC WG and agreed to appoint the members for a term of one year, from 1 June 2010. Members appointed are: Ms. Carolyn Luce, Mr. Gilberto Bandeira De Melo, Mr. Felix Babatunde Dayo, Mr. Michiel Ten Hoopen, Mr. Daniel Perczyk, Mr. Steven Schiller and Mr. A.K Perumal.

57. The Board also requested the new member Ms. Carolyn Luce to attend the twenty-fifth meeting of the SSC WG.

### *Further schedule*

58. The Board noted that the twenty-fifth meeting of the SSC WG will be held from 26 - 29 April 2010 in Bonn, Germany.

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

59. The Board took note of the status of registration of projects under programme of activities.

60. 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 the programme of activities (POA) "Uganda Municipal Waste Compost Programme" (2956) submitted for registration by the DOE (AENOR) and agreed to register with corrections the programme of activities if the Coordinating Entity and the DOE (AENOR) submit a revised POA-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 technological and prevailing practice barriers and the grid emission factor.

61. Due to time constraints the Board did not consider "Guidelines for determining the eligibility criteria related to the demonstration of additionality for inclusion of CPAs in registered Programmes of Activities", and agreed to consider these at a future meeting.

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

62. The Board took note that 2,115 CDM project activities have been registered by 26 March 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*

63. 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 19 requests for registration.

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

(a) “Shandong Kenli Biomass Generation Project” (2526) 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 additionality of the project activity, in particular, the validation of the total investment, O&M cost and electricity generation;

(b) “Yunnan Maguan Laqi Hydropower Project” (2625) 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 total investment and the common practice analysis. While the concern of the Board on the trend of tariff for similar projects exporting electricity to the same grid, as outlined in [annex 32](#) to this report, 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;

(c) “China Sichuan Province Liuping Hydropower Project” (2702) 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 total investment and plant load factor to the investment analysis and the common practice analysis. While the concern of the Board on the trend of tariff for similar projects exporting electricity to the same grid, as outlined in [annex 32](#) to this report, 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;

(d) “N<sub>2</sub>O reduction project at the WNA I nitric acid plant of Deepak Fertilisers & Petrochemicals Corporation Ltd. (“Deepak”), India” (2943) if the project participant and DOE (TÜV-SÜD) submit a revised PDD and the corresponding validation report which incorporate the information submitted in the response to the request for review regarding the validation of permitted ranges of operating conditions in compliance with the applied methodology and the crediting period;

(e) “Hunan Zaoshi Hydropower Project” (2973) 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 suitability of input values to the investment analysis and change in volume of reservoir;

(f) “São Domingos II Hydroelectric Project” (3002) 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, prevailing practice barrier and common practice analysis.



65. 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.
66. The Board agreed to undertake a review of the project activity:
- (a) "Yangxin Huaxin Cement 18 MW Waste Heat Recovery as Power Project" (2522) 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 19](#) to this report;<sup>1</sup>
  - (b) "Sichuan Heishui Changde 20 MW Hydropower Project" (2808) 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 20](#) to this report;<sup>2</sup>
  - (c) "Datong River Tianwanggou Hydropower Station" (2840) 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 21](#) to this report;<sup>3</sup>
  - (d) "Sichuan Luding Moxi 20 MW Hydropower Project" (2862) 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;<sup>4</sup>
  - (e) "Yunnan Diqing Jisha Hydropower Project" (2869) 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;
  - (f) "Installation of Natural Gas based package cogeneration systems at industrial facilities in Gujarat by Gujarat Gas Company Limited (GGCL), India" (2948) 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 24](#) to this report;<sup>5</sup>
  - (g) "Sichuan Fengyanbao 44 MW Hydropower Project" (2961) 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 25](#) to this report;<sup>6</sup>
  - (h) "TBEC Tha Chang Biogas Project" (2970), 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 26](#) to this report;
  - (i) "Eryuan Huian Hydropower Station" (2972) 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 27](#) to this report.<sup>7</sup>
  - (j) "Nanjing Jinling Grid Connected Natural Gas Combined Cycle Power Plant Project" (3008) submitted for registration by the DOE (TÜV-Rhein ) and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 28](#) to this report;<sup>8</sup>
  - (k) "Hebei Baoding biomass combined stoves and heater (BCSH) Project 1" (3013) 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 29](#) to this report;
  - (l) "Jianli Kaidi Biomass Power Project" (3044) submitted for registration by the DOE (TÜV-Rhien) and that the scope of this review is relating to issues associated with validation requirements, as contained in [annex 30](#) to this report;<sup>9</sup>



(m) "Cimentos do Mozambique - Matola Gas Company Fuel Switch Project" (3048) 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.

67. 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.

68. 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 35 of project activities which were placed "Under review" at the fifty-second meeting of the Board.

69. In accordance with paragraphs 17 and 18 (b) of the procedures mentioned in paragraph 68, the Board agreed to register, subject to satisfactory corrections, the project activities:

(a) "Fujian Shouning Liuchai 20 MW Hydropower Project" (1585) if the project participant and DOE (BVC) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the request for 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 participant and the DOE should note the Board's concerns regarding the suitability of the tariff as outlined in [annex 32](#) of this report;

(b) "Reforestation as Renewable Source of Wood Supplies for Industrial Use in Brazil" (2569) if the project participants and DOE (TÜV-SÜD) submit a revised PDD and the corresponding validation report after undertaking a fresh Global Stakeholder Process for a period of 45 days and considering the comments received, in accordance with the VVM (version 01.1) paragraphs 40 to 42. Further, the DOE is allowed to use the same version of the applied methodology while undertaking the fresh Global Stakeholder Process;

(c) "Huaneng Jilin Tongyu Phase II Wind Farm Project" (2598) if the project participant and the DOE (BVC) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the request for 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 participant and the DOE should note the Board's concerns regarding the suitability of the tariff as outlined in [annex 32](#) of this report;

(d) "Angang Coke Dry Quenching Project" (2703) 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 review team's questions regarding the correctness of the project description, suitability of the input values to the investment analysis, exclusion of alternative 4 (W4), and how the internal energy demand of the iron and steel plant was met;

(e) "Bagasse based cogeneration project of Nizam Deccan Sugars Limited (NDSL)" (2713) if the project participant and the DOE (DNV) submit a revised PDD and the corresponding validation report which:

(i) Incorporate the information submitted in response to the review team's questions regarding the removal of the barrier analysis and the suitability of the input values; and

(ii) Further apply the tariff (INR 3.48/kWh) available at the time of investment decision to the investment analysis;

(f) "Wuxi Hydropower Project, Qiyang County, Hunan Province" (2741) if the project participant and DOE (TECO) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the request for review. While the concern of the Board



on the trend of tariff for similar projects exporting electricity to the same grid, as outlined in [annex 32](#) of this report, 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;

(g) "Conversion of existing open cycle gas turbine to combined cycle at Guaracachi power station, Santa Cruz, Bolivia" (2761) if the project participant and DOE (TÜV-SÜD) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the review team's questions regarding the validation of the plant load factor and turbine efficiency of the project activity and the baseline plant;

(h) "Heilongjiang Mudanjiang Xiaoguokui Wind Power Project" (2774) if the project participant and the DOE (BVC) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the request for 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 participant and the DOE should note the Board's concerns regarding the suitability of the tariff as outlined in [annex 32](#) of this report;

(i) "Heilongjiang Fuyuan Wind Power Project" (2775) if the project participant and the DOE (BVC) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the request for 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 participant and the DOE should note the Board's concerns regarding the suitability of the tariff as outlined in [annex 32](#) of this report;

(j) "Heilongjiang Dabaishan Wind Power Project" (2776) if the project participant and the DOE (BVC) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the request for 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 participant and the DOE should note the Board's concerns regarding the suitability of the tariff as outlined in [annex 32](#) of this report;

(k) "Hunan Yongzhou Hydro Bundled Project" (2796) if the project participant and the DOE (KEMCO) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the request for review. While the concern of the Board on the trend of tariff for similar projects exporting electricity to the same grid, as outlined in [annex 32](#) of this report, 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;

(l) "Hunan Shatian Hydroelectric Project" (2799) if the project participant and DOE (KEMCO) submit a revised PDD and the corresponding validation report which:

(i) Incorporate the information submitted in response to the review team's questions regarding the suitability of the input values to the investment analysis, in particular, revenue consideration, electricity tariff and 10% loss rate; and

(ii) Further revise the investment analysis with consideration of total expected electricity generation by the new units at the end of the expected lifetime of the existing units;

(m) "Yunnan Lincang City Nanlinghe 1st level Small-scale Hydropower Project" (2812) if the project participant and the DOE (TECO) submit a revised PDD and the corresponding validation



report which incorporate the earlier response to the request for 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 participant and the DOE should note the Board's concerns regarding the suitability of the tariff as outlined in [annex 32](#) of this report;

(n) "Sichuan Tianshengqiao 12 MW Hydropower Project" (2824) if the project participant and the DOE (TECO) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the request for review. While the concern of the Board on the trend of tariff for similar projects exporting electricity to the same grid, as outlined in [annex 32](#) of this report, 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;

(o) "Yunnan Kunming Dongchuan Xiaoqing River 7th Level Hydropower Station" (2828) if the project participant and DOE (TÜV-Nord) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the request for review. While the concern of the Board on the trend of tariff for similar projects exporting electricity to the same grid, as outlined in [annex 32](#) of this report, 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;

(p) "Liaoning Beipiao Beitazi I Wind Power Project" (2830) if the project participant and the DOE (TÜV-Rhein) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the request for 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 participant and the DOE should note the Board's concerns regarding the suitability of the tariff as outlined in [annex 32](#) of this report;

(q) "Chongqing Pengshui Sanjiangkou Hydropower Station" (2839) if the project participant and the DOE (TÜV-SÜD) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the request for review. While the concern of the Board on the trend of tariff for similar projects exporting electricity to the same grid, as outlined in [annex 32](#) of this report, 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;

(r) "Fenglin Hydropower Project" (2846) if the project participant and DOE (TÜV-SÜD) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the request for review. While the concern of the Board on the trend of tariff for similar projects exporting electricity to the same grid, as outlined in [annex 32](#) of this report, 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;

(s) "Chongqing Zhongliang Hydroelectric Project" (2847) if the project participant and DOE (TÜV-SÜD) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the review team's questions regarding the validation of the common practice analysis;

(t) "Jinping Ladeng River Hydropower Station" (2849) if the project participant and the DOE (TÜV-SÜD) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the request for 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 participant and the DOE should note the Board's concerns regarding the



suitability of the tariff as outlined in [annex 32](#) of this report;

(u) “Sichuan Muli River Dashawan Hydropower Station” (2850) if the project participant and DOE (TÜV-SÜD) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the request for review. While the concern of the Board on the trend of tariff for similar projects exporting electricity to the same grid, as outlined in [annex 32](#) of this report, 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;

(v) “Yunnan Saizhu Hydropower Project” (2852) if the project participant and DOE (TÜV-SÜD) submit a revised PDD and the corresponding validation report which incorporate the information submitted in response to the review team’s questions regarding the validation of the common practice analysis;

(w) “Shuanghekou 16.6 MW Hydropower Project in Chongqing City, P.R. China” (2861) if the project participant and the DOE (TÜV-SÜD) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the request for 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 participant and the DOE should note the Board’s concerns regarding the suitability of the tariff as outlined in [annex 32](#) of this report;

(x) “Hebei Chengde Yudaokou Windfarm 48 MW project” (2865) if the project participant and the DOE (TÜV-Nord) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the request for 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 participant and the DOE should note the Board’s concerns regarding the suitability of the tariff as outlined in [annex 32](#) of this report;

(y) “Sichuan Lushan Dachuan River Cascade Hydropower Bundle Project” (2868) if the project participant and DOE (TÜV-Nord) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the request for review. While the concern of the Board on the trend of tariff for similar projects exporting electricity to the same grid, as outlined in [annex 32](#) of this report, 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;

(z) “Yunnan Province Luxi City Wanma River 2nd Level Hydropower Station” (2879) if the project participant and the DOE (TÜV-Rhein) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the request for 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 participant and the DOE should note the Board’s concerns regarding the suitability of the tariff as outlined in [annex 32](#) of this report;

(aa) “Changning Kawan 18.9 MW Hydroelectric Project” (2902) if the project participant and the DOE (TECO) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the request for 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 participant and the DOE should note the Board’s concerns regarding the suitability of the tariff as outlined in [annex 32](#) of this report;

(ab) “Chibi Huaxin Cement 7.5 MW Waste Heat Recovery as Power Project” (2907) if the project participant and DOE (TÜV-SÜD) 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 the input values to the investment analysis, in particular, wages and welfare and grid connection charge;

(ac) "Tarim Oilfield Associated Gas Recovery and Utilization Project" (2908) if the project participant and DOE (TÜV-Nord) submit a revised PDD and the corresponding validation report which:

(i) Incorporate the information submitted in response to the review team's questions regarding the suitability of input values to the investment analysis and exclusion of the alternative 4; and

(ii) Further substantiate the suitability of assumed LPG price and condensate price to the investment analysis. The Board is concerned on the means of validation of assumed LPG price and condensate price in accordance with paragraph 111(c) of VVM as the DOE has not confirmed how the values derived in accordance with Construction Project Economic Evaluation Method and Parameters (EEMP) are suitable at the time of investment decision;

(ad) "Shimian Haiyang Hydropower Project" (2926) if the project participant and the DOE (JCI) submit a revised PDD and the corresponding validation report which:

(i) Incorporate the information submitted in response to the review team's questions regarding the suitability of the effective electricity supply and the transmission loss; and

(ii) Further substantiate the suitability of the tariff as a means of demonstrating the additionality of the project activity. In undertaking these corrections the project participant and the DOE should note the Board's concerns regarding the suitability of the tariff as outlined in [annex 32](#) of this report;

(ae) "Hunan Tongdao Yaolaitan 5.55 MW Hydro Power Project" (2933) if the project participant and the DOE (TÜV-Nord) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the request for 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 participant and the DOE should note the Board's concerns regarding the suitability of the tariff as outlined in [annex 32](#) of this report;

(af) "Xincun and Wenzhu Bundled Small Hydropower Project in Zhaoping County, Guangxi Zhuang Autonomous Region, China" (2986) if the project participant and DOE (TECO) submit a revised PDD and the corresponding validation report which incorporate the earlier response to the request for review. While the concern of the Board on the trend of tariff for similar projects exporting electricity to the same grid, as outlined in [annex 32](#) of this report, 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.





70. In accordance with paragraphs 17 and 18 (c) of the procedures mentioned in paragraph 68, the Board could not register the following project activities:

(a) "Jidong Cement Panshi Co., Ltd. 15 MW Cement Waste heat Recovery Project" (2780) as the project participant and the DOE (TÜV-SÜD) have failed to substantiate the additionality of the project activity as:

(i) It has not been substantiated that the proposed internal benchmark (WACC, 15.58%) had been applied for similar project activities with similar risks by the project participants; and

(ii) The investment barriers have not been substantiated as per the additionality tool, in particular, it has not been substantiated that other similar activities have been implemented only with grant or other non-commercial finance terms or that no private capital is available due to perceived risks in the country of investment;

(b) "Jidong Cement Jilin Co., Ltd 6 MW Cement Waste Heat Recovery Project" (2851) as the project participant and the DOE (TÜV-SÜD) have failed to substantiate the additionality of the project activity as:

(i) It has not been substantiated that the proposed internal benchmark (WACC, 15.58%) had been applied for similar project activities with similar risks by the project participants; and

(ii) The investment barriers have not been substantiated as per the additionality tool, in particular, it has not been substantiated that other similar activities have been implemented only with grant or other non-commercial finance terms or that no private capital is available due to perceived risks in the country of investment;

(c) "Sichuan Heishui Zhawo No.1 Hydropower Project" (2909) as the project participant and the DOE (BVC) have failed to substantiate the additionality of the project activity, in particular, the suitability of the recoverable value of the previous capital expenditures ('market fair value') of the incurred tangible costs, as required by EB41, Annex 45, paragraph 7 and the CDM Glossary of terms (p28).

71. In accordance with the clarifications to paragraph 10 of the above-mentioned procedures, the Board considered "ID08-WWP-11, Methane Recovery in Wastewater Treatment, Jambi, Indonesia" (2662) submitted for registration by the DOE (DNV) and agreed to register, as corrected, the project activity.

#### ***Registration procedure/General guidance***

72. The Board considered the draft "working paper for policy discussion on the application of E+/E- policies in the assessment of additionality" and requested the secretariat proceed to draft guidelines taking into account the comments provided by members for consideration at its next meeting.

73. Due to the time constraints, the Board did not consider the "Procedure for withdrawal of requests for registration", and agreed to consider these proposed procedure at its next meeting.

74. The Board considered the information note regarding the "Policy options to assess grid emission factors published by DNAs" and requested the secretariat to revise the draft taking into account the comments provided by members for consideration at its next meeting.



75. The Board further discussed the draft “Procedures for requests for registration of a proposed CDM project activity”, and “Procedures for review for requests for registration”, taking into account inputs received in response to the call for inputs from stakeholders on the proposals. The decisions referred to in paragraph 76 - paragraph 80 also apply for draft “Procedures for Requests for Issuance of Certified Emission Reductions” and “Procedures for review for requests for issuance”.

76. The Board agreed to continue at its next meeting to discuss improvements to these procedures. The Board further agreed that the following two stages of the completeness checks be included in the new procedures:

- (a) A check on the completeness of submitted documentation
- (b) A subsequent check of the submission against VVM reporting requirements

The Board also agreed to request the secretariat to publish the lists containing requirements to be checked during the completeness check and the VVM reporting requirements check.

77. In the context of further streamlining the registration and issuance process the Board took note of the current delays in the processing of requests for registration and requests for issuance and requested the secretariat to prioritize the processing of new submissions including those which are in the stage of completeness check.

78. To facilitate this, the Board agreed to give lower priority to processing review cases to allow faster processing of new submissions and to ensure timely processing of registration and issuance cases which are in full compliance with CDM requirements. Specifically the Board agreed, as interim measures, to apply the following deviation to the review procedures as mandated by Decision 2/CMP.5:

- (a) To defer the consideration of cases placed under review at this meeting to the fifty-fifth meeting of the Board and to provide for a longer period of 3 weeks for the DOE and project participant to address the issues raised by the Board;
- (b) To consider a maximum of 30 request for review cases for registration and issuance at fifty-fourth meeting of the Board.

79. In addition, in order to implement the above steps the Board requested the secretariat to identify the resources needed and take all necessary actions to ensure the resources are in place to address these delays, and to report back to the Board at its next meeting in the context of the planned revision of the CDM-MAP.

80. The Board requested the secretariat to extend the contract of all Registration and Issuance (RIT) members for 6 months.

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

81. The Board took note that 395,202,168 CERs have been issued as of 26 March 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 9 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) “Essaouira wind power project” (0030), if the project participant and the DOE (AENOR) submit:
  - (i) The revised monitoring report including the revised spreadsheet submitted in response to the request for review; and
  - (ii) A revised verification report which incorporates the response submitted in response to the request for review and the corrected number of CERs and a new request issuance form which contains the corrected number of CERs;
- (b) “AWMS GHG Mitigation Project MX06-B-32, Aguascalientes and Guanajuato, México” (0463), if the DOE (DNV) submits a revised verification report that incorporates the clarifications provided in response to the request for review with regard to the electricity consumption by the project activity for the site ID 30882;
- (c) “AWMS GHG Mitigation Project MX06-B-33, Jalisco and San Luis Potosi, México” (0464), if the DOE (DNV) submits a revised verification report that incorporate the clarifications provided in response to the request for review with regard with regard to the electricity consumption by the project activity for the sites 31012, 1335221, 1335241, 31272;
- (d) “Sudokwon Landfill Gas Electricity Generation Project (50MW)” (0941), if the project participant and the DOE (TÜV-SÜD) submit a revised monitoring report, a corresponding verification report, and a new request for issuance form which incorporate the approach adopted to calculate the baseline emissions and the correct value of monitored emission reductions;
- (e) “Inner Mongolia Wudaogou 50.25MW Wind Power Project” (1487), if the project participant and the DOE (BVC) submit a revised monitoring report and a corresponding revised verification report that incorporate the clarification on the calibration records.  
The Board further requested the DOE to ensure that a request for revision of the monitoring plan is submitted to incorporate the actual monitoring practice with respect to calibration plan for each monitoring equipment prior to the next request for issuance.

84. In accordance with the provisions of paragraph 10 of these procedures, referred in paragraph 82 , the Board agreed to undertake a review of the request for issuance of CERs and to appoint members of the review team for:

- (a) “4.5 MW Biomass (low density Crop Residues) based Power Generation unit of Malavalli Power Plant Pyt Ltd” (0298), submitted by the DOE (DNV), and that the scope of this review is relating to issues associated with verification requirements, as contained in [annex 33](#) to this report;
- (b) “Demand side energy conservation and reduction measures at ITC Tribeni Unit” (0745), submitted by the DOE (DNV), and that the scope of this review is relating to issues associated with verification requirements, as contained in [annex 34](#) to this report;
- (c) “4 MW renewable energy project by Sri Kalyani Agro Products & Industries Ltd.” (0768), submitted by the DOE (DNV) and that the scope of this review is relating to issues associated with verification requirements, as contained in [annex 35](#) to this report;



(d) "Fuxin CMM/CBM Utilization Project in Liaoning Province" (1926), 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 36 to this report.

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. 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 team for requests for issuance of 5 project activities which were placed "Under review" at the fifty-second meeting of the Board.

87. The Board agreed to instruct the CDM registry administrator to issue CERs, subject to satisfactory corrections, for

(a) "ARAPUtanga Centrais ELétricas S. A. - ARAPUCCEL - Small Hydroelectric Power Plants Project" (0530), for the monitoring period 01/01/08-31/12/08, if the DOE (TÜV Nord) submits a revised verification report which incorporates the information on the application of the procedure for changes in PDD prior to submitting the next request for issuance;

(b) "Demand side energy efficiency programmes for specific technologies at ITC Bhadrachalam pulp and paper making facility in India" (0806), for the monitoring period 01/01/07-31/12/08, if the project participant and the DOE (DNV) submit:

(i) A revised monitoring report and a corresponding revised verification/certification report including responses to the review regarding the revised calculations of the emission factor;

(ii) A spreadsheet with details of the calculations; and

(iii) A new request for issuance form with corrected CERs.

(c) "Energeticos Jaremar – Biogas recovery from Palm Oil Mill Effluent (POME) ponds, and heat & electricity generation, Honduras" (1483), for the monitoring period 08/03/08-31/12/08, if the project participant and the DOE (TÜV-SÜD) submit a revised monitoring report, a corresponding revised verification report, a revised emission reduction sheet and a new request for issuance form that excludes only the amount of CERs corresponding to the amount of heat displaced by the project activity for this monitoring period.

The DOE shall submit a request to revise the monitoring plan to comply with the requirement of the methodology AMSI.C.v.11 regarding the metering of energy produced, measurement of fossil fuel and comparison between the metered energy and calculated energy using the specific fuel consumption prior to the next request for issuance.

(d) "Inner Mongolia Dali Phase V 49.5MW Wind Power Project" (1629), for the monitoring period 30/05/08-31/05/09, if the project participant and the DOE (SGS) submit a revised monitoring report and a corresponding revised verification report which include the clarification provided in response to review regarding the sharing of revenue meters by other wind farms and the measurement of electricity supplied to the grid using meter M2 and M3.



88. The Board could not approve the requests for issuance of CERs for "Indocement Blended Cement Project" (0526), submitted by the DOE (TÜV-SÜD) for the monitoring period 01/01/05-31/10/06, because:

(a) The DOE should have verified the grid emission factor based on the data available at the time of the verification instead of applying the updated grid emission factor which was available only after submitting the request for issuance. Therefore, the DOE failed to verify the *ex-post* grid emission factors prior to submitting the request for issuance; and

(b) The Annex 22 of EB38 states that "If three Board members submit the request for review form on the basis of other issues.... These clarifications and documentation shall be submitted to the secretariat within two weeks from the notification" and the DOE submitted the correction on 30 November 2009 while the Board requested for review for other issues on 14 March 2008. Therefore, the DOE failed to submit the corrections to the request for review for other issues as per the Annex 22 of EB38.

### *General guidance*

89. The Board further discussed the draft "Procedures for Requests for Issuance of Certified Emission Reductions" and "Procedures for review for requests for issuance", taking into account inputs received in response to the call for inputs from stakeholders on the proposals, and agreed to adopt the decisions as referred to in paragraph 76 - paragraph 80 above.

90. Due to the time constraints, the Board did not consider the "Procedure for withdrawal of requests for issuance", and agreed to consider these proposed procedure at its next meeting.

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

#### *Resources*

91. The Board took note of the report by the secretariat on the status of resources.

92. The Board took note of information provided by the secretariat on the status of resources received as reflected in [annex 37](#). It was noted that the total income generated up to 23 March 2010 is USD 39,896,658 which includes the carry-over from 2009 of USD 32,038,285. The Board further noted that figures for fees for the period 1 January - 23 March 2010 were also provided, indicating i.a. income of USD 4,301,418 from registration fees and USD 3,541,860 from shares of proceeds

93. The Board considered an assessment of compliance with indicative timelines set by the Board in different processes and request the secretariat to continue to report on all processes.

### **Agenda item 5. Other matters**

94. In the context of the decision 2/CMP.5 requesting the Board to allocate financial resources from the interest accrued on the principal of the Trust Fund for the CDM in order to provide loans to support CDM project development in countries with fewer than 10 registered clean development mechanism project activities, the Board requested the secretariat to assess the current liquidity of the CDM Trust Fund and explore ways to maximize the interest generated by the reserve (currently estimated at USD 45 million) with the view to provide feedback at a future meeting of the Board.

95. The Board took note that the CDM Joint Coordination workshop has been postponed to the second half of the year. The date will be set once the UNFCCC sessions for the year have been agreed.

96. The Board requested the secretariat to initiate activities in order to enhance the interaction and communication with CDM stakeholders as mandated by decision 2/CMP.5 and previous decisions of the



Board and to report back to the Board on a regular basis.

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

97. In accordance with the CMP requests in paragraphs 42-43 of Decision 2/CMP.5, the Board agreed to launch a call for public inputs opening on **26 March 2010 and closing on 23 April 2010**, inviting views on procedures for appeals brought by stakeholders directly involved in the design, approval or implementation of CDM project activities or proposed CDM project activities, in relation to: (a) situations where a DOE may not have performed its duties in accordance with rules / requirements of the CMP and/or the Board; and (b) rulings taken by or under the authority of the Board regarding the rejection or alteration of requests for registration or issuance. The Board agreed that this call for inputs include views on how procedures for appeals interrelate to revised procedures for registration, issuance and review currently under the Board's consideration in accordance with paragraph 37 of Decision 2/CMP.5.

98. The Board agreed to consider at its next meeting the status of the requests made by the CMP to the Board through the decision 2/CMP.5 along with the measures on strategic improvements to efficiency in the operation of the CDM agreed by the Board previously (EB50, Annex 53).

#### **Agenda sub-item 5 (b): Transparency matters**

99. The Board heard an update on the status of activities relating to classifying and improving access to the decisions of the Board and considered and agreed on a revision to "CDM Executive Board decision framework: Decision hierarchy and document types issued by the Board", contained in [annex 38](#) to this report.

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

100. The Board took note of the update by the secretariat on the regional African meeting of the CDM DNA Forum held on 1-2 March 2010 in Nairobi, Kenya and was pleased about the high participation of African DNAs to this event. In addition the Board took note that the Ninth DNA Forum meeting will take place on 22-23 April in Bonn, Germany.

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

101. 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.

102. The Chair of the DOE/AE Coordination Forum elaborated the input received from entities for the consideration of the Board on the following:

- (a) Actions that DOEs can undertake to proactively enhance the quality of their validation and verification activities;
- (b) Proposals for other measures, as an alternative to a suspension;
- (c) Analysis of current timelines of validation activities across different projects and in different host countries, especially LDCs.

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

104. The Chair of the Board thanked Mr. Jonathan Avis and stressed the need for the forum to also identify possible answers to the questions raised by the Board members, during its next interaction.

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

105. 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.

106. 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-fourth meeting of the Executive Board shall have registered with the secretariat by **3 May 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**

107. The Board agreed on the provisional agenda for its fifty-fourth meeting (24-28 May 2010) as contained in [annex 39](#) to this report, with an open session on 26-28 May 2010.

**Agenda item 6. Conclusion of the meeting**

108. The Chair summarized the main conclusions.

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

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

**Agenda sub-item 6 (b): Closure**

110. The Chair closed the meeting.

- - - - -

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

Annex 1 - Documents related to conflict of interest

***Accreditation***

Annex 2 - TÜV SÜD Industrie Service GmbH. Modalities of the suspension

Annex 3 - Korea Energy Management Corporation. Modalities of the suspension

Annex 4 - Guidelines for the preparation of the annual activity report by a DOE to the Executive Board (Version 02)

***Methodologies***

Annex 5 - AM0086 - Installation of zero energy water purifier for safe drinking water applications (version 01)

Annex 6 - AM0087 - Construction of a new natural gas power plant supplying electricity to the grid or a single consumer (version 01)



Annex 7 - ACM0013 - Consolidated baseline and monitoring methodology for new grid connected fossil fuel fired power plants using a less GHG intensive technology (version 03)

Annex 8 - ACM0015 - Consolidated baseline and monitoring methodology for project activities using alternative raw materials that do not contain carbonates for clinker production in cement kilns (version 03)

Annex 9 - AM0070 - Manufacturing of energy efficient domestic refrigerators (version 03)

Annex 10 - AM0071 - Manufacturing and servicing of domestic and/or small commercial refrigeration appliances using a low GWP refrigerant (version 02)

#### ***A/R Methodologies***

Annex 11 - AR-AM0011 - Afforestation and reforestation of land subject to polyculture farming (version 01)

Annex 12 - AR-ACM0001 - Afforestation and reforestation of degraded land (version 04)

Annex 13 - Procedure for the submission and consideration of a proposed new baseline and monitoring methodology for large scale afforestation and reforestation CDM project activities (version 01)

#### ***Small- scale***

Annex 14 - AMS-III.AI Emission reductions through recovery of spent sulphuric acid (version 01)

Annex 15 - AMS-III.AJ Recovery and recycling of materials from solid wastes (version 01)

Annex 16 - AMS-III.D. Methane recovery in animal manure management systems (version 16)

Annex 17 - AMS-III.H. Methane recovery in wastewater treatment (version 14)

Annex 18 - AMS-I.E. Switch from Non-Renewable Biomass for Thermal Applications by the User (version 02)

#### ***Matters relating to the registration of CDM project activities***

Annex 19 - Scope of review (registration) - Project 2522

Annex 20 - Scope of review (registration) - Project 2808

Annex 21 - Scope of review (registration) - Project 2840

Annex 22 - Scope of review (registration) - Project 2862

Annex 23 - Scope of review (registration) - Project 2869

Annex 24 - Scope of review (registration) - Project 2948

Annex 25 - Scope of review (registration) - Project 2961

Annex 26 - Scope of review (registration) - Project 2970

Annex 27 - Scope of review (registration) - Project 2972

Annex 28 - Scope of review (registration) - Project 3008

Annex 29 - Scope of review (registration) - Project 3013

Annex 30 - Scope of review (registration) - Project 3044





Annex 31 - Scope of review (registration) - Project 3048

Annex 32 - Information note on the implementation of E+/E- in the context of projects on the agenda of the fifty-third meeting of the CDM Executive Board (version 01.1)

***Matters relating to the issuance of CERs and the CDM registry***

Annex 33 - Scope of reviews (issuance) - Project 0298

Annex 34 - Scope of reviews (issuance) - Project 0745

Annex 35 - Scope of reviews (issuance) - Project 0768

Annex 36 - Scope of reviews (issuance) - Project 1926

***Management plan and resources for the work on the CDM***

Annex 37 - Status of income and expenditure to support CDM activities during the 2010-2011 biennium (as at 28 February 2010)

***Other matters***

Annex 38 - CDM Executive Board decision framework: Decision hierarchy and document types issued by the Board (Version 02).

Annex 39 - Provisional agenda for EB54

-----

.



## Endnotes

1. If the Board ultimately decides to register the project activity, the DOE (TÜV-SÜD) shall revalidate the revised PDD fully with the provisions of version 3 of the methodology.
2. 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 the response to the request for review regarding the common practice analysis.
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 the response to the request for review regarding reduction in electricity generation.
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 the response to the request for review regarding the common practice analysis.
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: (i) monitoring of all necessary parameters for each cogeneration plant separately as per AM0014 v4; and (ii) the information submitted in response to the request for review regarding the suitability of input values to the investment analysis, prior consideration of CDM, identification of baseline and project description.
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 the response to the request for review regarding the net electricity export to the grid.
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 the response to the request for review regarding the validation of the investment cost.
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 revised validation report which incorporate the information submitted in response to the request for review regarding the applicability of the methodology due to diversion of NG and validation of input values to the investment analysis and the leakage calculations.
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 revised validation report which incorporate the information submitted in the response to the request for review regarding the compliance with the applied methodology and monitoring of heat displaced.