

Resolution n°2, of August 10, 2005

Changes Resolution No. 1 of September 11, 2003, which establishes the procedures for approval of project activities under the Clean Development Mechanism of the Kyoto Protocol, approves the procedures for afforestation and reforestation project activities under the Clean Development Mechanism of the Kyoto Protocol and other provisions

The Interministerial Commission on Global Climate Change, created by Decree of July 7, 1999, in the exercise of its powers under article 3, paragraphs III and IV,

DECIDES THAT:

Art. 1 – The project design document, in the form established by the Executive Board of the Clean Development Mechanism, contained in Annex II of Resolution No. 1 of the Interministerial Commission on Global Climate Change, comes into force as established in Annex I of this Resolution (version No. 02 of the project design document of the Clean Development Mechanism Executive Board).

Art. 2 – For the purpose of approval by the Commission of afforestation and reforestation project activities under the Clean Development Mechanism of the Kyoto Protocol, the modalities and procedures for these activities are those approved at the ninth Conference of the Parties to the United Nations Framework Convention on Climate Change, herewith attached as Annex II of this resolution.

Art. 3 – To request participation in afforestation and reforestation project activities under the Clean Development Mechanism of the Kyoto Protocol, in compliance with section F, paragraph 8, of Annex II defined in Article 2 above, the following definitions apply:

- a) A single minimum tree crown cover value of 30 per cent;
- b) A single minimum land area value of 1 hectare; and
- c) A single minimum tree height value of 5 meters.

Art. 4 – The simplified modalities and procedures for small scale afforestation and reforestation project activities under the Clean Development Mechanism of the Kyoto Protocol and measures to facilitate its implementation come into force as established in Annex III of this resolution.

Art. 5 – For the purposes of obtaining approval for afforestation and reforestation project activities, the project design document as established by the Executive Board of the Clean Development Mechanism, addressed by Article 3, paragraph I, of Resolution No. 1 of the Interministerial Commission on Global Climate Change, comes into force as established in Annex IV of this resolution (version No. 01 of the project design document of the Clean Development Mechanism Executive Board for afforestation and reforestation project activities), and the other requirements of Article 3 of Resolution No. 1 of this Commission for these activities remain valid.

Art. 6 – The Executive Secretariat of the Interministerial Commission shall only forward the documentation submitted by the CDM project activity participants to the members of the Interministerial Commission after having checked that the necessary documentation requirements established in the Interministerial Commission Resolutions were duly fulfilled and that the documentation provided is complete. The date of transmission to the members of the Interministerial Commission is to be considered as the date of receipt of the project's documentation for analysis in conformity with Article 6 of the Interministerial Commission's Resolution No. 1.

Art. 7 – This Resolution enters into force on the date of its publication.

RESOLUTION ANNEX 01



**CLEAN DEVELOPMENT MECHANISM
PROJECT DESIGN DOCUMENT FORM (CDM-PDD)
Version 02 - in effect as of: 1 July 2004)**

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**SECTION A. General description of project activity****A.1 Title of the project activity:**

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A.2. Description of the project activity:

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A.3. Project participants:

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A.4. Technical description of the project activity:**A.4.1. Location of the project activity:**

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A.4.1.1. Host Party(ies):

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A.4.1.2. Region/State/Province etc.:

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A.4.1.3. City/Town/Community etc:

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A.4.1.4. Detail of physical location, including information allowing the unique identification of this project activity (maximum one page):

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A.4.2. Category(ies) of project activity:

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A.4.3. Technology to be employed by the project activity:

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A.4.4. Brief explanation of how the anthropogenic emissions of anthropogenic greenhouse gas (GHGs) by sources are to be reduced by the proposed CDM project activity, including why the emission reductions would not occur in the absence of the proposed project activity, taking into account national and/or sectoral policies and circumstances:

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A.4.4.1. Estimated amount of emission reductions over the chosen crediting period:

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A.4.5. Public funding of the project activity:

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SECTION B. Application of a baseline methodology

B.1. Title and reference of the approved baseline methodology applied to the project activity:

>>

B.1.1. Justification of the choice of the methodology and why it is applicable to the project activity:

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B.2. Description of how the methodology is applied in the context of the project activity:

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B.3. Description of how the anthropogenic emissions of GHG by sources are reduced below those that would have occurred in the absence of the registered CDM project activity:

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B.4. Description of how the definition of the project boundary related to the baseline methodology selected is applied to the project activity:

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B.5. Details of baseline information, including the date of completion of the baseline study and the name of person (s)/entity (ies) determining the baseline:

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SECTION C. Duration of the project activity / Crediting period

C.1 Duration of the project activity:

C.1.1. Starting date of the project activity:

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C.1.2. Expected operational lifetime of the project activity:

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**C.2 Choice of the crediting period and related information:****C.2.1. Renewable crediting period****C.2.1.1. Starting date of the first crediting period:**

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C.2.1.2. Length of the first crediting period:

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C.2.2. Fixed crediting period:**C.2.2.1. Starting date:**

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C.2.2.2. Length:

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SECTION D. Application of a monitoring methodology and plan**D.1. Name and reference of approved monitoring methodology applied to the project activity:**

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D.2. Justification of the choice of the methodology and why it is applicable to the project activity:

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**D.2. 1. Option 1: Monitoring of the emissions in the project scenario and the baseline scenario****D.2.1.1. Data to be collected in order to monitor emissions from the project activity, and how this data will be archived:**

ID number (Please use numbers to ease cross-referencing to D.3)	Data variable	Source of data	Data unit	Measured (m), calculated (c) or estimated (e)	Recording frequency	Proportion of data to be monitored	How will the data be archived? (electronic/paper)	Comment

D.2.1.2. Description of formulae used to estimate project emissions (for each gas, source, formulae/algorithm, emissions units of CO₂ equ.)

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D.2.1.3. Relevant data necessary for determining the baseline of anthropogenic emissions by sources of GHGs within the project boundary and how such data will be collected and archived :

ID number (Please use numbers to ease cross-referencing to table D.3)	Data variable	Source of data	Data unit	Measured (m), calculated (c), estimated (e),	Recording frequency	Proportion of data to be monitored	How will the data be archived? (electronic/paper)	Comment



D.2.1.4. Description of formulae used to estimate baseline emissions (for each gas, source, formulae/algorithm, emissions units of CO₂ equ.)

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D. 2.2. Option 2: Direct monitoring of emission reductions from the project activity (values should be consistent with those in section E).

D.2.2.1. Data to be collected in order to monitor emissions from the project activity, and how this data will be archived:

ID number (Please use numbers to ease cross-referencing to table D.3)	Data variable	Source of data	Data unit	Measured (m), calculated (c), estimated (e),	Recording frequency	Proportion of data to be monitored	How will the data be archived? (electronic/ paper)	Comment

D.2.2.2. Description of formulae used to calculate project emissions (for each gas, source, formulae/algorithm, emissions units of CO₂ equ.):

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**D.2.3. Treatment of leakage in the monitoring plan****D.2.3.1. If applicable, please describe the data and information that will be collected in order to monitor leakage effects of the project activity**

ID number (Please use numbers to ease cross-referencing to table D.3)	Data variable	Source of data	Data unit	Measured (m), calculated (c) or estimated (e)	Recording frequency	Proportion of data to be monitored	How will the data be archived? (electronic/paper)	Comment

D.2.3.2. Description of formulae used to estimate leakage (for each gas, source, formulae/algorithm, emissions units of CO₂ equ.)

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D.2.4. Description of formulae used to estimate emission reductions for the project activity (for each gas, source, formulae/algorithm, emissions units of CO₂ equ.)

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D.3. Quality control (QC) and quality assurance (QA) procedures are being undertaken for data monitored

Data (Indicate table and ID number e.g. 3.-1.; 3.2.)	Uncertainty level of data (High/Medium/Low)	Explain QA/QC procedures planned for these data, or why such procedures are not necessary.



D.4 Please describe the operational and management structure that the project operator will implement in order to monitor emission reductions and any leakage effects, generated by the project activity

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D.5 Name of person/entity determining the monitoring methodology:

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**SECTION E. Estimation of GHG emissions by sources****E.1. Estimate of GHG emissions by sources:**

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E.2. Estimated leakage:

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E.3. The sum of E.1 and E.2 representing the project activity emissions:

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E.4. Estimated anthropogenic emissions by sources of greenhouse gases of the baseline:

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E.5. Difference between E.4 and E.3 representing the emission reductions of the project activity:

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E.6. Table providing values obtained when applying formulae above:

>>

SECTION F. Environmental impacts**F.1. Documentation on the analysis of the environmental impacts, including transboundary impacts:**

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F.2. If environmental impacts are considered significant by the project participants or the host Party, please provide conclusions and all references to support documentation of an environmental impact assessment undertaken in accordance with the procedures as required by the host Party:

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SECTION G. Stakeholders' comments

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G.1. Brief description how comments by local stakeholders have been invited and compiled:

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G.2. Summary of the comments received:

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G.3. Report on how due account was taken of any comments received:

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Annex 1**CONTACT INFORMATION ON PARTICIPANTS IN THE PROJECT ACTIVITY**

Organization:	
Street/P.O.Box:	
Building:	
City:	
State/Region:	
Postfix/ZIP:	
Country:	
Telephone:	
FAX:	
E-Mail:	
URL:	
Represented by:	
Title:	
Salutation:	
Last Name:	
Middle Name:	
First Name:	
Department:	
Mobile:	
Direct FAX:	
Direct tel:	
Personal E-Mail:	



Annex 2

INFORMATION REGARDING PUBLIC FUNDING

Annex 3

BASELINE INFORMATION

Annex 4

MONITORING PLAN

RESOLUTION ANNEX 02

Decision 19/CP.9

Modalities and procedures for afforestation and reforestation project activities under the clean development mechanism in the first commitment period of the Kyoto Protocol

The Conference of the Parties,

Recalling its decisions 11/CP.7, 15/CP.7, 17/CP.7 and its annex, 19/CP.7, 20/CP.7, 21/CP.7, 22/CP.7, 23/CP.7, 21/CP.8 and 22/CP.8,

Cognizant of its decisions 13/CP.9 and 18/CP.9 and its annex II,

Affirming the principles in the preamble to draft decision -/CMP.1 (*Land use, land-use change and forestry*), recommended by decision 11/CP.7,

Reiterating that decision 17/CP.7 applies *mutatis mutandis* to afforestation and reforestation project activities under the clean development mechanism,

Taking into account the issues of non-permanence, additionality, leakage, uncertainties and socio-economic and environmental impacts, including impacts on biodiversity and natural ecosystems, associated with afforestation and reforestation project activities under the clean development mechanism,

Cognizant of relevant provisions of international agreements that may apply to afforestation and reforestation project activities under the clean development mechanism,

Reiterating that the treatment of land use, land-use change and forestry project activities under the clean development mechanism in future commitment periods shall be decided as part of the negotiations on the second commitment period,

Recognizing that host Parties evaluate, in accordance with their national laws, risks associated with the use of potentially invasive alien species by afforestation and reforestation project activities and that Parties included in Annex I evaluate, in accordance with their national laws, the use of temporary certified emission reductions and/or long-term certified emission reductions generated from afforestation and reforestation project activities that make use of potentially invasive alien species,

Recognizing that host Parties evaluate, in accordance with their national laws, potential risks associated with the use of genetically modified organisms by afforestation and reforestation project activities and that Parties included in Annex I evaluate, in accordance with their national laws, the use of temporary certified emission reductions and/or long-term certified emission reductions generated from afforestation and reforestation project activities that make use of genetically modified organisms,

1. *Decides* to adopt the modalities and procedures for afforestation and reforestation project activities under the clean development mechanism contained in the annex to this decision, for the first commitment period of the Kyoto Protocol;

2. *Encourages* project participants to use, as appropriate and to the extent possible, the *Intergovernmental Panel on Climate Change Good Practice Guidance for Land Use, Land-Use Change and Forestry* and any relevant decisions of the Conference of the Parties or the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol with respect to good practice guidance for land use, land-use change and forestry, in the design and implementation of afforestation and reforestation project activities under the clean development mechanism;

3. *Invites* Parties and accredited observers to submit to the secretariat, by 28 February 2004, their views on simplified modalities and procedures for small-scale afforestation and reforestation project activities under the clean development mechanism;

4. *Invites* Parties and accredited observers to submit to the secretariat, by 28 February 2004, their views on how to facilitate the implementation of small-scale afforestation and reforestation project activities under the clean development mechanism;

5. *Requests* the secretariat to prepare a technical paper on simplified modalities and procedures for small-scale afforestation and reforestation project activities under the clean development mechanism, taking into account submissions referred to in paragraph 3 above and relevant work by the Executive Board, to be considered by the Subsidiary Body for Scientific and Technological Advice at its twentieth session;

6. *Requests* the Subsidiary Body for Scientific and Technological Advice:

(a) To recommend a draft decision on simplified modalities and procedures for small-scale afforestation and reforestation project activities under the clean development mechanism, taking into account the submissions referred to in paragraph 3 above and the technical paper referred to in paragraph 5 above, for adoption by the Conference of the Parties at its tenth session;

(b) To recommend a draft decision on measures to facilitate the implementation of small-scale afforestation and reforestation project activities under the clean development mechanism, taking into account submissions referred to in paragraph 4 above, for adoption by the Conference of the Parties at its tenth session;

7. *Further requests* the Subsidiary Body for Scientific and Technological Advice, when elaborating, in accordance with paragraph 4 of decision 22/CP.8, a draft decision to be considered by the Conference of the Parties at its tenth session, and then to be forwarded to the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol at its first session, to ensure that the modalities and procedures specified in the annex to this decision are incorporated into the guidelines pertaining to Articles 7 and 8 of the Kyoto Protocol;

8. *Recommends* that the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol, at its first session, adopts the draft decision below.

*8th plenary meeting
12 December 2003*

Draft decision -/CMP.1

Modalities and procedures for afforestation and reforestation project activities under the clean development mechanism in the first commitment period of the Kyoto Protocol

The Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol,

Aware of its decisions -/CMP.1 (Mechanisms), -/CMP.1 (Article 12), -/CMP.1 (Land use, land-use change and forestry), -/CMP.1 (Good practice guidance for land use, land-use change and forestry in the preparation of national greenhouse gas inventories under the Convention), -/CMP.1 (Modalities for the accounting of assigned amounts under Article 7, paragraph 4, of the Kyoto Protocol), -/CMP.1 (Guidelines for national systems under Article 5, paragraph 1, of the Kyoto Protocol), -/CMP.1 (Good practice guidance and adjustments under Article 5 paragraph 2, of the Kyoto Protocol), -/CMP.1 (Guidance for the preparation of the information required under Article 7 of the Kyoto Protocol), and -/CMP.1 (Guidelines for review under Article 8 of the Kyoto Protocol),

Cognizant of decisions 11/CP.7, 15/CP.7, 17/CP.7, 19/CP.7, 20/CP.7, 21/CP.7, 22/CP.7, 23/CP.7, 21/CP.8, 22/CP.8, 13/CP.9, 18/CP.9 and its annex II, and 19/CP.9,

1. *Decides* to confirm and give full effect to any actions taken pursuant to decision 19/CP.9;
2. *Adopts* the modalities and procedures for afforestation and reforestation project activities under the clean development mechanism contained in the annex to this decision, for the first commitment period of the Kyoto Protocol;
3. *Decides* that the treatment of land use, land-use change and forestry project activities under the clean development mechanism in future commitment periods shall be decided as part of the negotiations on the second commitment period and that any revision of the decision shall not affect afforestation and reforestation project activities under the clean development mechanism registered prior the end of the first commitment period;
4. *Decides* to periodically review the modalities and procedures for afforestation and reforestation project activities under the clean development mechanism, and that the first review shall be carried out no later than one year before the end of the first commitment period, based on recommendations by the Executive Board of the clean development mechanism and by the Subsidiary Body for Implementation, drawing on technical advice from the Subsidiary Body for Scientific and Technological Advice, as needed.

ANNEX

Modalities and procedures for afforestation and reforestation project activities under the clean development mechanism

A. Definitions

1. For the purpose of this annex, the definitions in paragraph 1 of the annex to decision 17/CP.7 and the definitions of forest, reforestation and afforestation in paragraph 1 of the annex to draft decision -/CMP.1 (*Land use, land-use change and forestry*), shall apply. In addition:

(a) “Carbon pools” are those carbon pools referred to in paragraph 21 of the annex to draft decision -/CMP.1 (*Land use, land-use change and forestry*) and are: above-ground biomass, below-ground biomass, litter, dead wood and soil organic carbon;

(b) The “project boundary” geographically delineates the afforestation or reforestation project activity under the control of the project participants. The project activity may contain more than one discrete area of land;

(c) “Baseline net greenhouse gas removals by sinks” is the sum of the changes in carbon stocks in the carbon pools within the project boundary that would have occurred in the absence of the afforestation or reforestation project activity under the clean development mechanism (CDM);

(d) “Actual net greenhouse gas removals by sinks” is the sum of the verifiable changes in carbon stocks in the carbon pools within the project boundary, minus the increase in emissions of the greenhouse gases measured in CO₂ equivalents by the sources that are increased as a result of the implementation of the afforestation or reforestation project activity, while avoiding double counting, within the project boundary, attributable to the afforestation or reforestation project activity under the CDM;

(e) “Leakage” is the increase in greenhouse gas emissions by sources which occurs outside the boundary of an afforestation or reforestation project activity under the CDM which is measurable and attributable to the afforestation or reforestation project activity;

(f) “Net anthropogenic greenhouse gas removals by sinks” is the actual net greenhouse gas removals by sinks minus the baseline net greenhouse gas removals by sinks minus leakage;

(g) “Temporary CER” or “tCER” is a CER issued for an afforestation or reforestation project activity under the CDM which, subject to the provisions of section K below, expires at the end of the commitment period following the one during which it was issued;

(h) “Long-term CER” or “lCER” is a CER issued for an afforestation or reforestation project activity under the CDM which, subject to the provisions in section K below, expires at the end of the crediting period of the afforestation or reforestation project activity under the CDM for which it was issued;

(i) “Small-scale afforestation and reforestation project activities under the CDM” are those that are expected to result in net anthropogenic greenhouse gas removals by sinks of less than 8 kilotonnes of CO₂ per year and are developed or implemented by low-income communities and individuals as determined by the host Party. If a small-scale afforestation or reforestation project activity under the CDM results in net anthropogenic greenhouse gas removals by sinks greater than 8 kilotonnes of CO₂ per year, the excess removals will not be eligible for the issuance of tCERs or lCERs.

2. For the purposes of this annex, in the CDM modalities and procedures contained in the annex to decision 17/CP.7, where it reads CER, it should instead read tCER and/or lCER.

B. Role of the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol

3. All provisions of section B of the CDM modalities and procedures, contained in the annex to decision 17/CP.7, shall apply mutatis mutandis to afforestation and reforestation project activities under the CDM.

C. Executive Board

4. All provisions of section C of the CDM modalities and procedures, contained in the annex to decision 17/CP.7, shall apply mutatis mutandis to afforestation and reforestation project activities under the CDM with the exception of provisions under paragraph 5 (e) on recommendations to the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol (COP/MOP) relating to simplified modalities, procedures and definitions for small-scale project activities.

D. Accreditation and designation of operational entities

5. All provisions of section D of the CDM modalities and procedures, contained in the annex to decision 17/CP.7, shall apply mutatis mutandis to afforestation and reforestation project activities under the CDM.

E. Designated operational entities

6. All provisions of section E of the CDM modalities and procedures, contained in the annex to decision 17/CP.7, shall apply mutatis mutandis to afforestation and reforestation project activities under the CDM. In the case of afforestation and reforestation project activities under the CDM, a designated operational entity shall verify and certify net anthropogenic greenhouse gas removals by sinks.

F. Participation requirements

7. All provisions of section F of the CDM modalities and procedures, contained in the annex to decision 17/CP.7, shall apply mutatis mutandis to afforestation and reforestation project activities under the CDM.

8. A Party not included in Annex I may host an afforestation or reforestation project activity under the CDM if it has selected and reported to the Executive Board through its designated national authority for the CDM:

- (a) A single minimum tree crown cover value between 10 and 30 per cent; and
- (b) A single minimum land area value between 0.05 and 1 hectare; and
- (c) A single minimum tree height value between 2 and 5 metres.

9. The selected values referred to in paragraph 8 (a)–(c) above shall be fixed for all afforestation and reforestation project activities under the CDM registered prior to the end of the first commitment period.

G. Validation and registration

10. Validation is the process of independent evaluation of a proposed afforestation or reforestation project activity under the CDM by a designated operational entity (DOE) against the requirements of afforestation and reforestation project activities under the CDM as set out in decision 19/CP.9, the

present annex and relevant decisions of the COP/MOP, on the basis of the project design document, as outlined in appendix B below.

11. Registration is the formal acceptance by the Executive Board of a validated project as an afforestation or reforestation project activity under the CDM. Registration is the prerequisite for the verification, certification and issuance of tCERs or ICERs relating to that project activity.

12. The DOE selected by project participants to validate a proposed afforestation or reforestation project activity under the CDM, being under a contractual arrangement with them, shall review the project design document and any supporting documentation to confirm that the following requirements have been met:

(a) The participation requirements set out in paragraphs 28–30 of the annex to decision 17/CP.7 and paragraphs 8 and 9 above are satisfied;

(b) Comments by local stakeholders have been invited, a summary of the comments received has been provided, and a report to the DOE on how due account was taken of any comments has been received;

(c) Project participants have submitted to the DOE documentation on the analysis of the socio-economic and environmental impacts, including impacts on biodiversity and natural ecosystems, and impacts outside the project boundary of the proposed afforestation or reforestation project activity under the CDM. If any negative impact is considered significant by the project participants or the host Party, project participants have undertaken a socio-economic impact assessment and/or an environmental impact assessment in accordance with the procedures required by the host Party. Project participants shall submit a statement that confirms that they have undertaken such an assessment in accordance with the procedures required by the host Party and include a description of the planned monitoring and remedial measures to address them;

(d) The proposed afforestation or reforestation project activity under the CDM is additional if the actual net greenhouse gas removals by sinks are increased above the sum of the changes in carbon stocks in the carbon pools within the project boundary that would have occurred in the absence of the registered CDM afforestation or reforestation project activity, in accordance with paragraphs 18–24 below;

(e) Management activities, including harvesting cycles, and verifications are chosen such that a systematic coincidence of verification and peaks in carbon stocks is avoided;

(f) Project participants have specified the approach proposed to address non-permanence in accordance with paragraph 38 below;

(g) The baseline and monitoring methodologies selected by project participants comply with requirements pertaining to:

(i) Methodologies previously approved by the Executive Board; or

(ii) Modalities and procedures for establishing a new methodology, as set out in paragraph 13 below;

(h) Provisions for monitoring, verification and reporting are in accordance with decision 19/CP.9, the present annex and relevant decisions of the COP/MOP;

(i) The proposed project activity conforms to all other requirements for afforestation and reforestation project activities under the CDM in decision 19/CP.9, the present annex and relevant decisions by the COP/MOP and the Executive Board.

13. If the DOE determines that the proposed afforestation or reforestation project activity under the CDM intends to use a new baseline or new monitoring methodology, as referred to in paragraph 12 (g) (ii) above, it shall, prior to a submission for registration of this project activity, forward the proposed baseline or monitoring methodology, together with the draft project design document, including a description of the project and identification of the project participants, to the Executive Board for review. The Executive Board shall expeditiously, if possible at its next meeting but not more than four months later, review the proposed new baseline or monitoring methodology in accordance with the modalities and procedures of the present annex. Once the Executive Board has approved the new baseline or monitoring methodology, it shall make it publicly available, together with any relevant guidance and the DOE may proceed with the validation of the proposed afforestation or reforestation project activity under the CDM. In the event that the COP/MOP requests the revision of an approved methodology, no afforestation or reforestation project activity under the CDM may use this methodology. The project participants shall revise the methodology, as appropriate, taking into consideration any guidance received.

14. A revision of a methodology shall be carried out in accordance with the modalities and procedures for establishing new methodologies as set out in paragraph 13 above. Any revision to an approved methodology shall be applicable only to project activities registered subsequent to the date of revision and shall not affect existing registered project activities during their crediting periods.

15. The DOE shall:

(a) Prior to the submission of the validation report to the Executive Board, have received from the project participants written approval of voluntary participation from the designated national authority of each Party involved, including confirmation by the host Party that the proposed afforestation or reforestation project activity under the CDM assists it in achieving sustainable development;

(b) In accordance with provisions on confidentiality contained in paragraph 27 (h) of the annex to decision 17/CP.7, make the project design document publicly available;

(c) Receive, within 45 days, comments on the validation requirements from Parties, stakeholders and UNFCCC accredited non-governmental organizations and make them publicly available;

(d) After the deadline for receipt of comments, make a determination as to whether, on the basis of the information provided and taking into account the comments received, the proposed afforestation or reforestation project activity under the CDM should be validated;

(e) Inform project participants of its determination on the validation of the project activity. The notification to the project participants will include a confirmation of validation and the date of submission of the validation report to the Executive Board, or an explanation of reasons for non-acceptance if the proposed afforestation or reforestation project activity under the CDM, as documented, is judged not to fulfil the requirements for validation;

(f) Submit to the Executive Board, if it determines the proposed afforestation or reforestation project activity under the CDM to be valid, a request for registration in the form of a validation report including the project design document, the written approval of voluntary participation from the designated national authority of each Party involved, as referred to in paragraph 15 (a) above, and an explanation of how it has taken due account of comments received;

(g) Make this validation report publicly available upon transmission to the Executive Board.

16. The registration by the Executive Board shall be deemed final eight weeks after the date of receipt by the Executive Board of the request for registration, unless a Party involved in the proposed

afforestation or reforestation project activity under the CDM, or at least three members of the Executive Board, request a review of the proposed afforestation or reforestation project activity under the CDM. The review by the Executive Board shall be made in accordance with the following provisions:

- (a) It shall be related to issues associated with the validation requirements;
 - (b) It shall be finalized no later than at the second meeting following the request for review, with the decision and the reasons for it being communicated to the project participants and the public.
17. A proposed afforestation or reforestation project activity under the CDM that is not accepted may be reconsidered for validation and subsequent registration after appropriate revisions, provided that this afforestation or reforestation project activity follows the procedures and meets the requirements for validation and registration, including those relating to public comments.
18. An afforestation or reforestation project activity under the CDM is additional if the actual net greenhouse gas removals by sinks are increased above the sum of the changes in carbon stocks in the carbon pools within the project boundary that would have occurred in the absence of the registered CDM afforestation or reforestation project activity.
19. The baseline for a proposed afforestation or reforestation project activity under the CDM is the scenario that reasonably represents the sum of the changes in carbon stocks in the carbon pools within the project boundary that would have occurred in the absence of the proposed project activity. A baseline shall be deemed to reasonably represent the sum of the changes in carbon stocks in the carbon pools within the project boundary that would occur in the absence of the proposed afforestation or reforestation project activity under the CDM if it is derived using a baseline methodology referred to in paragraphs 12 and 13 above.
20. The baseline net greenhouse gas removals by sinks for a proposed afforestation or reforestation project under the CDM shall be established:
- (a) By project participants in accordance with provisions for the use of approved and new baseline methodologies, contained in decision 19/CP.9, the present annex and relevant decisions of the COP/MOP;
 - (b) In a transparent and conservative manner regarding the choice of approaches, assumptions, methodologies, parameters, data sources, key factors and additionality, and taking into account uncertainty;
 - (c) On a project-specific basis;
 - (d) In the case of small-scale afforestation and reforestation project activities under the CDM, in accordance with simplified modalities and procedures developed for such activities;
 - (e) Taking into account relevant national and/or sectoral policies and circumstances, such as historical land uses, practices and economic trends.
21. In calculating the baseline net greenhouse gas removals by sinks and/or actual net greenhouse gas removals by sinks, project participants may choose not to account for one or more carbon pools, and/or emissions of the greenhouse gases measured in CO₂ equivalents, while avoiding double counting. This is subject to the provision of transparent and verifiable information that the choice will not increase the expected net anthropogenic greenhouse gas removals by sinks. Project participants shall otherwise account for all significant changes in carbon pools and/or emissions of the greenhouse gases measured in CO₂ equivalents by the sources that are increased as a result of the implementation of the afforestation or reforestation project activity, while avoiding double counting.

22. In choosing a baseline methodology for an afforestation or reforestation project activity under the CDM, project participants shall select from among the following approaches the one deemed most appropriate for the project activity, taking into account any guidance by the Executive Board, and justify the appropriateness of their choice:

- (a) Existing or historical, as applicable, changes in carbon stocks in the carbon pools within the project boundary;
- (b) Changes in carbon stocks in the carbon pools within the project boundary from a land use that represents an economically attractive course of action, taking into account barriers to investment;
- (c) Changes in carbon stocks in the pools within the project boundary from the most likely land use at the time the project starts.

23. The crediting period shall begin at the start of the afforestation or reforestation project activity under the CDM. The crediting period for a proposed afforestation or reforestation project activity under the CDM shall be either:

- (a) A maximum of 20 years which may be renewed at most two times, provided that, for each renewal, a DOE determines and informs the Executive Board that the original project baseline is still valid or has been updated taking account of new data where applicable; or
- (b) A maximum of 30 years.

24. An afforestation or reforestation project activity under the CDM shall be designed in such a manner as to minimize leakage.

H. Monitoring

25. Project participants shall include, as part of the project design document, a monitoring plan that provides for:

- (a) The collection and archiving of all relevant data necessary for estimating or measuring the actual net greenhouse gas removals by sinks during the crediting period. The monitoring plan shall specify techniques and methods for sampling and measuring individual carbon pools and greenhouse gas emissions by sources included in the actual net greenhouse gas removals by sinks, that reflect commonly accepted principles and criteria concerning forest inventory;
- (b) The collection and archiving of all relevant data necessary for determining the baseline net greenhouse gas removals by sinks during the crediting period. If the project uses control plots for determining the baseline, the monitoring plan shall specify techniques and methods for sampling and measuring individual carbon pools and greenhouse gas emissions by sources;
- (c) The identification of all potential sources of, and the collection and archiving of data on, leakage during the crediting period;
- (d) The collection and archiving of information relating to the planned monitoring and remedial measures referred to in paragraph 12 (c) above;
- (e) Collection of transparent and verifiable information to demonstrate that any choice made in paragraph 21 above does not increase the net anthropogenic greenhouse gas removals by sinks;
- (f) Changes in circumstances within the project boundary that affect legal title to the land or rights of access to the carbon pools;
- (g) Quality assurance and control procedures for the monitoring process;

(h) Procedures for the periodic calculation of the net anthropogenic greenhouse gas removals by sinks due to the afforestation or reforestation project activity and documentation of all steps involved in those calculations, and for the periodic review of implementation of activities and measures to minimize leakage.

26. A monitoring plan for a proposed afforestation or reforestation project activity under the CDM shall be based on a previously approved monitoring methodology or a new methodology appropriate to the afforestation or reforestation project activity, in accordance with paragraphs 12 and 13 above, that:

(a) Is determined by the DOE as appropriate to the circumstances of the proposed afforestation or reforestation project activity;

(b) Reflects good monitoring practice appropriate to the type of afforestation or reforestation project activity;

(c) Takes into account uncertainties by appropriate choice of monitoring methods, such as number of samples, to achieve reliable estimates of net anthropogenic greenhouse gas removals by sinks;

(d) In the case of small-scale afforestation and reforestation project activities under the CDM, is in accordance with simplified modalities and procedures developed for such activities.

27. Project participants shall implement the monitoring plan contained in the registered project design document.

28. Revisions, if any, to the monitoring plan to improve the accuracy and/or completeness of information shall be justified by project participants and shall be submitted for validation to a DOE.

29. The implementation of the registered monitoring plan and its revisions, as applicable, shall be a condition for verification, certification and the issuance of tCERs or ICERs.

30. The project participants shall provide to the DOE contracted by the project participants to perform the verification, a monitoring report in accordance with the registered monitoring plan set out in paragraph 25 above for the purpose of verification and certification.

I. Verification and certification

31. Verification is the periodic independent review and ex post determination by the DOE of the net anthropogenic greenhouse gas removals by sinks achieved, since the start of the project, by an afforestation or reforestation project activity under the CDM. Certification is the written assurance by a DOE that an afforestation or reforestation project activity under the CDM achieved the net anthropogenic greenhouse gas removals by sinks since the start of the project, as verified.

32. The initial verification and certification of an afforestation or reforestation project activity under the CDM may be undertaken at a time selected by the project participants. Thereafter, verification and certification shall be carried out every five years until the end of the crediting period.

33. In the case of afforestation or reforestation project activities under the CDM for which ICERs are issued, the CDM registry administrator shall record the date at which each certification report is received. The CDM registry administrator shall notify the Executive Board of cases where a certification report has not been provided within five years of the last certification, as required in paragraph 32 above. Upon receipt of such notification, the Executive Board shall forthwith notify the project participants of the requirement to provide the outstanding certification report. If the overdue certification report is not received within 120 days after receipt of the notification by the project participants, the Executive Board shall proceed in accordance with paragraph 50 below.

34. In accordance with the provisions on confidentiality in paragraph 27 (h) of the annex to decision 17/CP.7, the DOE contracted by the project participants to perform the verification shall make the monitoring report publicly available, and shall:

- (a) Determine whether the project documentation provided is in accordance with the requirements of the registered project design document and relevant provisions of decision 19/CP.9, the present annex and relevant decisions of the COP/MOP;
- (b) Conduct on-site inspections, as appropriate, that may comprise, inter alia, a review of performance records, interviews with project participants and local stakeholders, collection of measurements, observation of established practices and testing of the accuracy of monitoring equipment;
- (c) Determine whether the socio-economic and environmental impacts were monitored in accordance with the monitoring plan;
- (d) Determine whether there have been any changes in circumstances within the project boundary that affect legal title to the land or rights of access to the carbon pools;
- (e) Review the management activities, including harvesting cycles, and the use of sample plots to determine whether the following have been avoided:
 - (i) A systematic coincidence of verification and peaks in carbon stocks; and
 - (ii) A major systematic error in data collection;
- (f) If appropriate, use additional data from other sources;
- (g) Review monitoring results and verify that the monitoring methodologies have been applied correctly and that their documentation is complete and transparent;
- (h) Recommend to the project participants appropriate changes to the monitoring plan;
- (i) Determine the net anthropogenic greenhouse gas removals by sinks, using monitored or other data referred to in paragraph 34 (a), (b), (f) and (g) above, as appropriate, and calculation procedures as contained in the registered project design document;
- (j) Identify and inform the project participants of any concerns relating to the conformity of the actual afforestation or reforestation project activity under the CDM and its operation with the registered project design document. Project participants shall address the concerns and supply relevant additional information;
- (k) Provide a verification report to the project participants, the Parties involved and the Executive Board. The report shall be made publicly available.

35. The DOE shall, based on its verification report, certify in writing that, since its start, the afforestation or reforestation project activity under the CDM has achieved the net anthropogenic greenhouse gas removals by sinks. It shall inform the project participants, Parties involved and the Executive Board of its certification decision in writing immediately upon completion of the certification process, and make the certification report publicly available.

J. Issuance of tCERs and ICERs

36. The certification report shall constitute:

- (a) Where project participants have chosen the tCER approach to account for non-permanence, a request to the Executive Board for issuance of tCERs equal to the verified amount of net

anthropogenic greenhouse gas removals by sinks achieved by the afforestation or reforestation project activity under the CDM since the start of the project activity;

(b) Where project participants have chosen the ICER approach to account for non-permanence and:

- (i) Net anthropogenic greenhouse gas removals by sinks have increased since the previous certification report, a request to the Executive Board for issuance of ICERs equal to the verified amount of net anthropogenic greenhouse gas removals by sinks achieved by the afforestation or reforestation project activity under the CDM since the previous certification;
- (ii) Net anthropogenic greenhouse gas removals by sinks have decreased since the previous certification report, a notification to the Executive Board of the reversal of net anthropogenic greenhouse gas removals by sinks that has occurred at the afforestation or reforestation project activity under the CDM since the previous certification.

37. The issuance of tCERs or ICERs for afforestation and reforestation project activities under the CDM shall be subject to the provisions of paragraphs 65 and 66 of the CDM modalities and procedures, contained in the annex to decision 17/CP.7.

K. Addressing non-permanence of afforestation and reforestation project activities under the CDM

38. The project participants shall select one of the following approaches to addressing non-permanence of an afforestation or reforestation project activity under the CDM:

- (a) Issuance of tCERs for the net anthropogenic greenhouse gas removals by sinks achieved by the project activity since the project start date in accordance with paragraphs 41–44 below; or
- (b) Issuance of ICERs for the net anthropogenic greenhouse gas removals by sinks achieved by the project activity during each verification period, in accordance with paragraphs 45–50 below.

39. The approach chosen to address non-permanence shall remain fixed for the crediting period including any renewals.

40. All provisions of decision 18/CP.7, draft decision -/CMP.1 (*Article 17*) and its annex, decision 19/CP.7, draft decision -/CMP.1 (*Modalities for the accounting of assigned amounts*) and its annex, decision 20/CP.7, draft decision -/CMP.1 (*Article 5.1*) and its annex, decision 22/CP.7, the annex to draft decision -/CMP.1 (*Guidelines for the preparation of the information required under Article 7 of the Kyoto Protocol*) and its annex, decision 23/CP.7 and its annex, draft decision -/CMP.1 (*Guidelines for review under Article 8 of the Kyoto Protocol*) and its annex, and decision 22/CP.8 and its annexes I–III, that pertain to CERs shall also apply to tCERs and ICERs, unless otherwise stated in this annex.

1. Provisions governing tCERs

41. A Party included in Annex I may use tCERs towards meeting its commitment for the commitment period for which they were issued. tCERs may not be carried over to a subsequent commitment period.

42. Each tCER shall expire at the end of the commitment period subsequent to the commitment period for which it was issued. The expiry date shall be included as an additional element in its serial number. An expired tCER may not be further transferred.

43. Each national registry shall include a tCER replacement account for each commitment period in order to cancel AAUs, CERs, ERUs, RMUs and/or tCERs for the purposes of replacing tCERs prior to expiry.

44. A tCER that has been transferred to the retirement account or the tCER replacement account of a Party included in Annex I shall be replaced before its expiry date. To this end, for each such tCER, the concerned Party shall transfer one AAU, CER, ERU, RMU or tCER to the tCER replacement account of the current commitment period.

2. Provisions governing ICERs

45. A Party included in Annex I may use ICERs towards meeting its commitment for the commitment period for which they were issued. ICERs may not be carried over to a subsequent commitment period.

46. Each ICER shall expire at the end of the crediting period or, where a renewable crediting period is chosen in accordance with paragraph 23 (a) above, at the end of the last crediting period of the project activity. The expiry date shall be included as an additional element in its serial number. An expired ICER may not be further transferred.

47. Each national registry shall include an ICER replacement account for each commitment period in order to cancel AAUs, CERs, ICERs, ERUs and/or RMUs in accordance with paragraphs 48–50 below for the purposes of:

- (a) Replacing ICERs prior to their expiry date;
- (b) Replacing ICERs where the certification report of the DOE indicates a reversal of net anthropogenic greenhouse gas removals by sinks since the previous certification;
- (c) Replacing ICERs where the certification report has not been provided in accordance with paragraph 33 above.

48. An ICER that has been transferred to the retirement account of a Party included in Annex I shall be replaced before its expiry date. To this end, for each such ICER, the concerned Party shall transfer one AAU, CER, ERU or RMU to the ICER replacement account for the current commitment period.

49. Where the certification report of the DOE indicates a reversal of net anthropogenic greenhouse gas removals by sinks since the previous certification, an equivalent quantity of ICERs shall be replaced. To this end, the Executive Board shall:

- (a) Request the transaction log administrator to identify the quantity of ICERs issued for the project activity held in each registry not yet replaced or transferred to the ICER replacement account, distinguishing those held in retirement accounts for the current and previous commitment periods and in holding accounts;
- (b) Immediately notify the transaction log that, in accordance with these modalities, the ICERs identified in paragraph 49 (a) above as being in holding accounts are ineligible for transfer to holding or retirement accounts. When a Party has completed replacement of the required ICERs in accordance with paragraph 49 (d) below, the ICERs in the holding accounts of that Party are again eligible for transfer.
- (c) Calculate the proportion of ICERs from the project activity to be replaced by dividing the amount specified in the request for replacement by the amount identified in paragraph 49 (a) above;

(d) Notify each Party concerned of the requirement to replace a quantity of ICERs equal to the proportion, as calculated in paragraph 49 (c) above, of the ICERs identified in paragraph 49 (a) above of that Party. To replace an ICER a Party shall transfer one AAU, CER, ERU, RMU or ICER from the same project activity to the ICER replacement account for the current commitment period within 30 days. If the requirement to replace involves a fraction of a unit that fraction of a unit shall be replaced by one AAU, CER, ERU, RMU or ICER from the same project activity.

50. Where the certification report has not been provided in accordance with paragraph 33 above, the ICERs issued for the project activity shall be replaced. To this end, the Executive Board shall:

(a) Request the transaction log administrator to identify the quantity of ICERs issued for the project activity held in each registry not yet replaced or transferred to the ICER replacement account, distinguishing those held in retirement accounts for the current and previous commitment periods and in holding accounts;

(b) Immediately notify the transaction log that, in accordance with these modalities, the ICERs identified in paragraph 50 (a) above as being in holding accounts are ineligible for transfer to holding or retirement accounts;

(c) Notify the Parties concerned of the requirement to replace the ICERs identified in paragraph 50 (a) above. To replace an ICER a Party shall transfer one AAU, CER, ERU, RMU or ICER from the same project activity to the ICER replacement account for the current commitment period within 30 days.

3. The transaction log

51. Each Party included in Annex I shall ensure that its net acquisitions of tCERs and ICERs do not exceed the limits established for that Party as set out in paragraph 14 of the annex to decision -/CMP.1 (*Land use, land-use change and forestry*).

52. tCERs and ICERs may not be transferred to cancellation accounts of Annex I Parties referred to in paragraph 21 (c) and (d) of the annex to decision -/CMP.1 (*Modalities for accounting of assigned amounts*) or, where excess CERs were issued, to the cancellation account of the CDM registry referred to in paragraph 3 (c) of appendix D to the annex to decision 17/CP.7.

53. Expired tCERs and ICERs held in holding accounts of registries, or the pending account of the CDM Registry, shall be transferred to a cancellation account.

54. The transaction log shall verify that there is no discrepancy with regard to the requirements of paragraphs 41 to 53 above as part of its automated checks set out in -/CMP.1 (*Modalities for the accounting of assigned amounts*).

55. The transaction log shall, one month prior to the expiry of each tCER or ICER in a retirement or in a replacement account, notify the Party included in Annex I concerned that a replacement of the tCER or ICER has to occur in accordance with paragraphs 44 or 48 above.

56. Where a Party included in Annex I does not replace tCERs or ICERs in accordance with paragraphs 44, 48, 49 and 50 above, the transaction log shall forward a record of non-replacement to the secretariat, for consideration as part of the review process for the relevant Party, under Article 8, to the Executive Board and to the Party concerned. The Executive Board shall make this information publicly available and include it in its reports to the COP/MOP.

4. Reporting and review

57. Each Party included in Annex I shall include the following information in its report referred to in

paragraph 2, section I.E, of the annex to decision -CMP.1 (*Guidelines for the preparation of the information required under Article 7 of the Kyoto Protocol*):

- (a) The quantity of expired tCERs in its retirement account and tCER replacement account;
- (b) The quantity of expired ICERs in its retirement account;
- (c) The quantities of AAUs, CERs, ERUs, RMUs and tCERs transferred to the tCER replacement account;
- (d) The quantities of AAUs, CERs, ERUs, RMUs and ICERs transferred to the ICER replacement account.

58. The annual review referred to in paragraph 5, part III of the annex to decision -/CMP.1 (*Guidelines for review under Article 8 of the Kyoto Protocol*) shall include the assessment of whether tCERs and ICERs have been replaced, cancelled, retired or carried over in accordance with this annex.

59. The review upon expiration of the additional period for fulfilling commitments shall include an assessment of whether:

- (a) The quantity of AAUs, CERs, ERUs, RMUs and tCERs transferred into the tCER replacement account for the commitment period is equal to the quantity of tCERs that were retired or transferred to the tCER replacement account for the previous commitment period;
- (b) The quantity of AAUs, CERs, ERUs, RMUs and ICERs transferred into the ICER replacement account for the commitment period is equal to the quantity of ICERs that had to be replaced during that commitment period.

60. In its compilation and accounting database referred to in paragraph 50 of the annex to draft decision -/CMP.1 (*Modalities for accounting of assigned amounts*), the secretariat shall annually record for each Party included in Annex I the following information for the previous calendar year and to date for the commitment period, following completion of the annual review under Article 8, including the application of any corrections, and resolution of any relevant questions of implementation:

- (a) The quantity of tCERs retired, including information on their expiry dates;
- (b) The quantity of tCERs cancelled, including information on their expiry dates;
- (c) The quantity of tCERs that expired in the retirement account or the tCER replacement account for the previous commitment period, including information on their expiry dates;
- (d) The quantity of AAUs, CERs, ERUs, RMUs and tCERs transferred to the tCER replacement account to replace expiring tCERs, including information on the dates of expiry and cancellation;
- (e) The quantity of ICERs retired, including information on their expiry dates;
- (f) The quantity of ICERs cancelled, including information on their expiry dates;
- (g) The quantity of ICERs that expired in the retirement account for previous commitment periods, including information on their expiry dates;
- (h) The quantity of AAUs, CERs, ERUs, RMUs and ICERs transferred to the ICER replacement account to replace ICERs, including information on the dates of expiry and cancellation.

APPENDIX A

Standards for the accreditation of operational entities in relation to afforestation and reforestation project activities under the CDM

1. Paragraphs 1 and 2 of appendix A of the annex to decision 17/CP.7 on standards for the accreditation of operational entities shall apply, with the following changes:

(a) Paragraph 1 (f) (ii) is replaced with “Issues, in particular environmental and socio-economic, relevant to validation, verification and certification of afforestation and reforestation project activities under the CDM, as appropriate”;

(b) Paragraph 1 (f) (iii) is replaced with “The technical aspects of afforestation and reforestation project activities under the CDM relevant to environmental and socio-economic issues, including expertise in the setting of baseline net greenhouse gas removals by sinks and monitoring of emissions and removals”;

(c) Paragraph 1 (f) (v) is replaced with “Methodologies for accounting of greenhouse gas emissions by sources and removals by sinks”.

APPENDIX B

Project design document for afforestation and reforestation project activities under the CDM

1. The provisions of this appendix shall be interpreted in accordance with the present annex on modalities and procedures for afforestation and reforestation project activities under the CDM.

2. The purpose of this appendix is to outline the information required in the project design document. A project activity shall be described in detail in a project design document, taking into account the provisions for afforestation and reforestation project activities under the CDM as set out in the present annex, in particular, section G on validation and registration and section H on monitoring. The description shall include the following:

(a) A description of the afforestation or reforestation project activity comprising the project purpose; a technical description of the project activity, including species and varieties selected and how technology and know-how will be transferred, if appropriate; a description of the physical location and boundaries of the project activity; specification of the gases whose emissions will be part of the project activity;

(b) A description of the present environmental conditions of the area including a description of climate, hydrology, soils, ecosystems, and the possible presence of rare or endangered species and their habitats;

(c) A description of legal title to the land, rights of access to the sequestered carbon, current land tenure and land use;

(d) Carbon pools selected, as well as transparent and verifiable information, in accordance with paragraph 21 of the present annex;

(e) A proposed baseline methodology in accordance with the present annex, including:

(i) In the case of the application of an approved methodology:

– A statement of which approved methodology has been selected;

- A description of how the approved methodology will be applied in the context of the proposed project activity.
- (ii) In the case of the application of a new methodology:
 - A description of the baseline methodology and justification of choice, including an assessment of strengths and weaknesses of the methodology;
 - A description of key parameters, data sources and assumptions used in the baseline estimate, and assessment of uncertainties;
 - Projections of the baseline net greenhouse gas removals by sinks for a proposed project activity;
 - Potential sources of leakage attributable to the project activity.
- (iii) Other considerations, such as a description of how national and/or sectoral policies and circumstances have been taken into account and an explanation of how the baseline was established in a transparent and conservative manner.
- (f) Measures to be implemented to minimize potential leakage;
- (g) Start date for the project activity, with justification, and the choice of crediting periods during which the project activity is expected to result in net anthropogenic greenhouse gas removals by sinks;
- (h) Statement of which approach for addressing non-permanence was selected in accordance with paragraph 38 of the present annex;
- (i) Description of how the actual net greenhouse gas removals by sinks are increased above the sum of the changes in carbon stocks in the carbon pools within the project boundary that would have occurred in the absence of the registered CDM afforestation or reforestation project activity;
- (j) Environmental impacts of the project activity:
 - (i) Documentation on the analysis of the environmental impacts, including impacts on biodiversity and natural ecosystems, and impacts outside the project boundary of the proposed afforestation or reforestation project activity under the CDM. This analysis should include, where applicable, information on, inter alia, hydrology, soils, risk of fires, pests and diseases;
 - (ii) If any negative impact is considered significant by the project participants or the host Party, a statement that project participants have undertaken an environmental impact assessment, in accordance with the procedures required by the host Party, including conclusions and all references to support documentation.
- (k) Socio-economic impacts of the project activity:
 - (i) Documentation on the analysis of the socio-economic impacts, including impacts outside the project boundary of the proposed afforestation or reforestation project activity under the CDM. This analysis should include, where applicable, information on, inter alia, local communities, indigenous peoples, land tenure,

local employment, food production, cultural and religious sites, and access to fuelwood and other forest products;

- (ii) If any negative impact is considered significant by the project participants or the host Party, a statement that project participants have undertaken a socio-economic impact assessment, in accordance with the procedures required by the host Party, including conclusions and all references to support documentation.

(l) A description of planned monitoring and remedial measures to address significant impacts referred to in paragraph 2 (j) (ii) and (k) (ii) above;

(m) Information on sources of public funding for the project activity from Annex I Parties which shall provide an affirmation that such funding does not result in a diversion of official development assistance and is separate from and is not counted towards the financial obligations of those Parties;

(n) Stakeholder comments, including a brief description of the process, a summary of the comments received, and a report on how due account was taken of any comments received;

(o) A monitoring plan that meets the requirements of paragraph 25 of the present annex:

- (i) Identification of data needs and data quality with regard to accuracy, comparability, completeness and validity;
- (ii) Methodologies to be used for data collection and monitoring, including quality assurance and quality control provisions for monitoring, collecting, reporting, and assurance that verification does not coincide with peaks in carbon stocks;
- (iii) In the case of a new monitoring methodology, a description of the methodology, including an assessment of strengths and weaknesses of the methodology and whether or not it has been applied successfully elsewhere;
- (iv) Collection of other information as required to comply with paragraph 25 of the present annex.

(p) Calculations, including a discussion of how uncertainties have been addressed:

- (i) A description of formulae used to estimate the baseline net greenhouse gas removals by sinks for the project activity;
- (ii) A description of formulae used to estimate leakage;
- (iii) A description of formulae used to calculate the actual net greenhouse gas removals by sinks;
- (iv) A description of formulae used to calculate the net anthropogenic greenhouse gas removals by sinks;
- (v) References to support the above, if any.

APPENDIX C

Terms of reference for establishing guidelines on baselines and monitoring methodologies for afforestation and reforestation project activities under the CDM

1. All provisions of appendix C to the CDM modalities and procedures, contained in the annex to decision 17/CP.7, shall apply to afforestation and reforestation project activities.

APPENDIX D

Additional requirements for the CDM registry to address afforestation and reforestation project activities

1. The CDM registry established and maintained by the Executive Board shall be used to ensure the accurate accounting of the issuance, holding, transfer, acquisition and cancellation of tCERs and ICERs from afforestation and reforestation project activities under the CDM.
2. All provisions of appendix D to the annex to decision 17/CP.7 that apply to CERs shall also apply to tCERs and ICERs, unless stated otherwise in this appendix.
3. In addition to the registry accounts specified in paragraph 3 of appendix D to the annex of decision 17/CP.7, the CDM registry shall have a cancellation account to which tCERs and ICERs that have expired in a holding account of the CDM registry, and ICERs that have become ineligible in accordance with paragraphs 49 and 50 of the present annex, are transferred.
4. Each tCER and ICER shall have an expiry date, specifying day, month and year, as an additional element in its serial number.
5. The CDM registry administrator will record the date in which each certification report for an afforestation or reforestation project activity under the CDM is received. The CDM registry administrator shall notify the Executive Board of cases where a certification report for an afforestation or reforestation project activity for which ICER are issued, has not been provided within five years of the last certification.
6. All information referred to in paragraphs 9 to 12 of appendix D to the annex to decision 17/CP.7 that applies to tCERs and ICERs shall include, as an additional element, the expiry date of each such tCER and ICER.

RESOLUTION ANNEX 03

Decision 14/CP.10

Simplified modalities and procedures for small-scale afforestation and reforestation project activities under the clean development mechanism in the first commitment period of the Kyoto Protocol and measures to facilitate their implementation

The Conference of the Parties,

Recalling its decisions 15/CP.7, 17/CP.7 and its annex, 21/CP.8 and its annex II, 18/CP.9 and its annexes, and 19/CP.9 and its annex,

Affirming the principles in the preamble to draft decision -/CMP.1 (*Land use, land-use change and forestry*), recommended by decision 11/CP.7,

Reiterating that decision 17/CP.7 applies, mutatis mutandis, to afforestation and reforestation project activities under the clean development mechanism,

Affirming that a small-scale afforestation or reforestation project activity under the clean development mechanism should directly benefit the low-income community and individuals that are project participants,

Emphasizing that public funding for small-scale afforestation and reforestation project activities under the clean development mechanism from Parties included in Annex I to the Convention is not to result in the diversion of official development assistance and is to be separate from and not counted towards the financial obligations of those Parties,

1. *Decides:*

- (a) To adopt the simplified modalities and procedures for small-scale afforestation and reforestation project activities under the clean development mechanism in the first commitment period of the Kyoto Protocol contained in the annex to this decision;
- (b) That a small-scale afforestation or reforestation project activity under the clean development mechanism will result in net anthropogenic greenhouse gas removals by sinks of less than 8 kilotonnes of carbon dioxide per year if the average projected net anthropogenic greenhouse gas removals by sinks for each verification period do not exceed 8 kilotonnes of carbon dioxide equivalent per year;
- (c) That if a small-scale afforestation and reforestation project activity under the clean development mechanism results in net anthropogenic greenhouse gas removals by sinks greater than 8 kilotonnes of carbon dioxide equivalent per year, the excess removals will not be eligible for the issuance of temporary certified emission reductions and long-term certified emission reductions;
- (d) That small-scale afforestation and reforestation project activities under the clean development mechanism shall be exempt from the share of proceeds to be used to assist developing country Parties that are particularly vulnerable to the adverse effects of climate change to meet the costs of adaptation;

- (e) That small-scale afforestation and reforestation project activities under the clean development mechanism shall be entitled to a reduced level of the non-reimbursable fee for requesting registration and a reduced rate of the share of proceeds to cover administrative expenses of the clean development mechanism;
2. *Requests* the Executive Board of the clean development mechanism:
- (a) To develop, for consideration by the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol at its first session, default factors for assessing the existing carbon stocks and for simplified baseline methodologies for small-scale afforestation and reforestation project activities under the clean development mechanism, taking into account, if appropriate, types of soils, lifetime of the project and climatic conditions;
 - (b) To develop, for consideration by the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol at its first session, simplified monitoring methodologies for small-scale afforestation and reforestation project activities under the clean development mechanism, based on appropriate statistical methods, to estimate or measure the actual net greenhouse gas removals by sinks; as appropriate, the Executive Board may indicate different methods for different types of afforestation and reforestation project activities and propose default factors, if any, to facilitate the estimation or measurement of actual net greenhouse gas removals by sinks;
 - (c) To develop guidelines to estimate leakage for small-scale afforestation and reforestation project activities under the clean development mechanism;
3. *Requests* the secretariat, subject to the availability of supplementary funding, to facilitate the exchange of and access to information relevant to the development of small-scale afforestation and reforestation project activities under the clean development mechanism, including information referred to in paragraph 6 (b) below;
4. *Invites* Parties to provide support for those project participants interested in coordinating the submission of several small-scale afforestation and reforestation project activities under the clean development mechanism with a view to reducing the costs of validation, verification and certification by designated operational entities;
5. *Invites* Parties included in Annex I to provide assistance to host Parties for capacity-building activities for the application and implementation of the simplified modalities and procedures contained in the annex to this decision;
6. *Invites* relevant multilateral agencies, intergovernmental organizations and non-governmental organizations:
- (a) To formulate, develop and implement programmes to support capacity-building activities to assist low-income communities and individuals in the development and implementation of small-scale afforestation and reforestation project activities;
 - (b) To develop web-based tools for small-scale afforestation and reforestation project activities to assist in project development, including small-scale forestry options and their quantified carbon sequestration potential, satellite/aerial images, carbon assessment models and market information for these project activities;

- (c) To organize regional workshops, in collaboration with relevant international organizations and institutions, to facilitate the development and implementation of small-scale afforestation and reforestation project activities under the clean development mechanism;

7. *Recommends* that the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol, at its first session, adopt the draft decision below.

*6th plenary meeting
17–18 December 2004*

Draft decision -/CMP.1

Simplified modalities and procedures for small-scale afforestation and reforestation project activities under the clean development mechanism in the first commitment period of the Kyoto Protocol and measures to facilitate their implementation

The Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol,

Aware of its decisions -/CMP.1 (Mechanisms), -/CMP.1 (Article 12) and its annex, -/CMP.1 (Land use, land-use change and forestry) and its annex as well as -/CMP.1 (Modalities and procedures for afforestation and reforestation project activities under the clean development mechanism in the first commitment period of the Kyoto Protocol) and its annex,

Cognizant of decisions 11/CP.7 and its annex, 15/CP.7, 17/CP.7 and its annex, 21/CP.8 and its annex II, 18/CP.9 and its annexes, 19/CP.9 and its annex, 12/CP.10 and its annexes, and 14/CP.10 and its annex,

1. *Decides* to confirm and give full effect to any actions, including measures to facilitate the implementation of afforestation and reforestation project activities under the clean development mechanism, taken pursuant to decision 14/CP.10;
2. *Adopts* the simplified modalities and procedures for small-scale afforestation and reforestation project activities under the clean development mechanism in the first commitment period of the Kyoto Protocol as contained in the annex below;
3. *Invites* the Executive Board of the clean development mechanism to review the simplified modalities and procedures for small-scale afforestation and reforestation project activities and, if necessary, make appropriate recommendations to the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol;
4. *Invites* the Executive Board to review the measures to facilitate the implementation of small-scale afforestation and reforestation project activities referred to in this decision and, if necessary, make appropriate recommendations to the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol.

ANNEX

Simplified modalities and procedures for small-scale afforestation and reforestation project activities under the clean development mechanism

A. Introduction

1. Small-scale afforestation and reforestation project activities under the clean development mechanism (CDM) shall follow the stages of the project cycle specified in the modalities and procedures for afforestation and reforestation project activities under the CDM contained in the annex to decision 19/CP.9 (hereinafter referred to as the modalities and procedures for afforestation and reforestation project activities under the CDM). In order to reduce transaction costs, these modalities and procedures are simplified for small-scale afforestation and reforestation project activities under the CDM as follows:

- (a) Project activities may be bundled or portfolio-bundled at the following stages in the project cycle: the project design document, validation, registration, monitoring, verification and certification. The size of the total bundle should not exceed the limits stipulated in paragraph 1 (i) of the modalities and procedures for afforestation and reforestation project activities under the CDM;
- (b) The requirements for the project design document are reduced;
- (c) Baseline methodologies by project type are simplified to reduce the cost of developing a project baseline;
- (d) Monitoring plans are simplified, including simplified monitoring requirements, to reduce monitoring costs;
- (e) The same operational entity may undertake validation as well as verification and certification.

2. Simplified baseline and monitoring methodologies may be developed for types of small-scale afforestation and reforestation project activities under the CDM, as presented in the list in appendix B. This list shall not preclude other types of small-scale afforestation and reforestation project activities under the CDM. If a proposed small-scale afforestation or reforestation project activity under the CDM does not fall into any of the types in appendix B, the project participants may submit a request to the Executive Board of the CDM (hereinafter referred to as the Executive Board) for approval of a proposed simplified baseline and/or monitoring plan, bearing in mind the provisions in paragraph 8 below.

3. The modalities and procedures for afforestation and reforestation project activities under the CDM shall apply to small-scale afforestation and reforestation project activities under the CDM except for paragraphs 12–30. The following paragraphs 4–29 apply instead. Appendix A should replace, as appropriate, the provisions in appendix B of the modalities and procedures for afforestation and reforestation project activities under the CDM.

B. Simplified modalities and procedures for small-scale afforestation and reforestation project activities under the clean development mechanism

4. To use simplified modalities and procedures for small-scale afforestation and reforestation CDM project activities, a proposed project activity shall:
 - (a) Meet the eligibility criteria for small-scale afforestation and reforestation project activities under the CDM set out in paragraph 1 (i) of the modalities and procedures for afforestation and reforestation project activities under the CDM;
 - (b) Conform to one of the project types in appendix B;
 - (c) Not be a debundled component of a larger project activity, as determined through appendix C.
5. Project participants shall prepare a project design document in accordance with the format specified in appendix A.
6. Project participants may use the simplified baseline and monitoring methodologies specified in appendix B.
7. Project participants involved in small-scale afforestation and reforestation project activities under the CDM may propose changes to the simplified baseline and monitoring methodologies specified in appendix B or propose additional project types for consideration by the Executive Board.
8. Project participants willing to submit a new type of small-scale afforestation or reforestation project activity under the CDM or revisions to a methodology shall make a request in writing to the Executive Board providing information about the activity and proposals on how a simplified baseline and monitoring methodology would be applied to this type. The Board may draw on expertise, as appropriate, in considering new project types and/or revisions of and amendments to simplified methodologies. The Executive Board shall expeditiously, if possible at its next meeting, review the proposed methodology. Once it is approved, the Executive Board shall amend appendix B.
9. The Executive Board shall review and amend, as necessary, appendix B at least once a year.
10. Any amendments to appendix B shall apply only to small-scale afforestation and reforestation project activities under the CDM which are registered subsequent to the date of amendment and shall not affect already registered small-scale afforestation and reforestation project activities under the CDM during the crediting periods for which they are registered.
11. Several small-scale afforestation or reforestation project activities under the CDM may be bundled for the purpose of validation. An overall monitoring plan that monitors performance of the constituent project activities on a sample basis may be proposed for bundled project activities. If bundled project activities are registered with an overall monitoring plan, this monitoring plan shall be implemented and each verification/certification of the net anthropogenic removals by sinks achieved shall cover all of the bundled project activities.
12. A single designated operational entity (DOE) may perform validation as well as verification and certification for a small-scale afforestation or reforestation project activity under the CDM or for bundled small-scale afforestation and reforestation project activities under the CDM.
13. The Executive Board shall stipulate a reduced level of the non-reimbursable fee for requesting registration and, when recommending to the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol (COP/MOP) the share of proceeds to cover administrative expenses as

required by decision 17/CP.7, propose a reduced rate of the share of proceeds to cover administrative expenses for small-scale afforestation and reforestation project activities under the CDM.

C. Validation and registration

14. The DOE selected by project participants to validate a proposed small-scale afforestation or reforestation project activity under the CDM, being under a contractual arrangement with them, shall review the project design document and any supporting documentation to confirm that the following requirements have been met:

- (a) The participation requirements set out in paragraphs 28–30 of the annex to decision 17/CP.7 and paragraphs 8 and 9 of the modalities and procedures for afforestation and reforestation project activities under the CDM are satisfied
- (b) Comments by local stakeholders have been invited, a summary of the comments received has been provided, and a report to the DOE on how due account was taken of any comments has been received
- (c) Project participants have submitted to the DOE documentation on the analysis of the socio-economic and environmental impacts, including impacts on biodiversity and natural ecosystems, and impacts outside the project boundary, of the proposed small-scale afforestation or reforestation project activity under the CDM. If any negative impact is considered significant by the project participants or the host Party, project participants have undertaken a socio-economic impact assessment and/or an environmental impact assessment in accordance with the procedures required by the host Party. Project participants shall submit a statement that confirms that they have undertaken such an assessment in accordance with the procedures required by the host Party and include a description of the planned monitoring and remedial measures to address them
- (d) The proposed small-scale afforestation and reforestation project activity under the CDM is additional if the actual net greenhouse gas removals by sinks are increased above the sum of the changes in carbon stocks in the carbon pools within the project boundary that would have occurred in the absence of the registered small-scale afforestation or reforestation project activity under the CDM, in accordance with paragraphs 18–19 below
- (e) Project participants have specified the approach proposed to address non-permanence in accordance with paragraph 38 of the modalities and procedures for afforestation and reforestation project activities under the CDM
- (f) The proposed small-scale afforestation or reforestation project activity under the CDM conforms to one of the types in appendix B and uses one of the simplified baseline and monitoring methodologies specified in appendix B, and the estimation of the existing carbon stock is conducted in an appropriate manner
- (g) A bundle of small-scale afforestation and reforestation project activities satisfies the conditions for bundling and the overall monitoring plan for the bundled small-scale afforestation and reforestation project activities is appropriate
- (h) Project participants provide information regarding leakage in accordance with appendix B

- (i) The proposed project activity conforms to all requirements, including monitoring, verification and reporting, for afforestation and reforestation project activities under the CDM in decision 19/CP.9, its annex on modalities and procedures for afforestation and reforestation project activities under the CDM that are not replaced by these simplified modalities and procedures, and relevant decisions by the COP/MOP and the Executive Board.

15. The DOE shall:

- (a) Prior to the submission of the validation report to the Executive Board, have received from the project participants written approval of voluntary participation from the designated national authority of each Party involved, including confirmation by the host Party that the proposed small-scale afforestation or reforestation project activity under the CDM assists it in achieving sustainable development;
- (b) Prior to the submission of the validation report to the Executive Board, have received from the project participants a written declaration that the proposed small-scale afforestation or reforestation project activity under the CDM is developed or implemented by low-income communities and individuals as determined by the host Party;
- (c) In accordance with the provisions on confidentiality contained in paragraph 27 (h) of the annex to decision 17/CP.7, make the project design document publicly available;
- (d) Receive, within 30 days, comments on the validation requirements from Parties, stakeholders and UNFCCC-accredited non-governmental organizations, and make them publicly available;
- (e) After the deadline for receipt of comments, make a determination as to whether, on the basis of the information provided and taking into account the comments received, the proposed small-scale afforestation or reforestation project activity under the CDM should be validated;
- (f) Inform project participants of its determination on the validation of the small-scale afforestation or reforestation project activity under the CDM. The notification to the project participants will include a confirmation of validation and the date of submission of the validation report to the Executive Board, or an explanation of reasons for non-acceptance if the proposed small-scale afforestation or reforestation project activity under the CDM, as documented, is judged not to fulfil the requirements for validation;
- (g) Submit to the Executive Board, if it determines the proposed small-scale afforestation or reforestation project activity under the CDM to be valid, a request for registration in the form of a validation report including the project design document, the written approval of voluntary participation from the designated national authority of each Party involved, as referred to in paragraph 15 (a) above, and an explanation of how it has taken due account of comments received;
- (h) Make this validation report publicly available upon transmission to the Executive Board.

16. The registration by the Executive Board shall be deemed final four weeks after the date of receipt by the Executive Board of the request for registration, unless a Party involved in the proposed small-scale afforestation or reforestation project activity under the CDM, or at least three members of the Executive Board, request a review of the proposed small-scale afforestation or reforestation project activity under the CDM. The review by the Executive Board shall be made in accordance with the following provisions:

- (a) It shall be related to issues associated with the validation requirements
- (b) It shall be finalized no later than at the second meeting following the request for review, with the decision and the reasons for it being communicated to the project participants and the public.

17. A proposed small-scale afforestation or reforestation project activity under the CDM that is not accepted may be reconsidered for validation and subsequent registration after appropriate revisions, provided that this project activity follows the procedures and meets the requirements for validation and registration, including those relating to public comments.

18. A small-scale afforestation or reforestation project activity under the CDM is additional if the actual net greenhouse gas removals by sinks are increased above the sum of the changes in carbon stocks in the carbon pools within the project boundary that would have occurred in the absence of the registered small-scale afforestation or reforestation project activity under the CDM.

19. The baseline for a proposed small-scale afforestation or reforestation project activity under the CDM is the scenario that reasonably represents the sum of the changes in carbon stocks in the carbon pools within the project boundary that would have occurred in the absence of the proposed project activity. A baseline shall be deemed to reasonably represent the sum of the changes in carbon stocks in the carbon pools within the project boundary that would occur in the absence of the proposed small-scale afforestation or reforestation project activity under the CDM if it is derived using a baseline methodology referred to in appendix B.

20. A simplified baseline and monitoring methodology listed in appendix B may be used for a small-scale afforestation or reforestation project activity under the CDM if the project participants are able to demonstrate to a DOE that the project activity would otherwise not be implemented due to the existence of one or more of the barriers listed in attachment A to appendix B. Where specified in appendix B for a project type, quantitative evidence that the project activity would otherwise not be implemented may be provided instead of a demonstration based on the barriers listed in attachment A to appendix B.

21. The crediting period shall begin at the start of the small-scale afforestation or reforestation project activity under the CDM. The crediting period for a proposed small-scale afforestation or reforestation project activity under the CDM shall be either of the following:

- (a) A maximum of 20 years which may be renewed at most two times, provided that, for each renewal, a DOE determines and informs the Executive Board that the original project baseline is still valid or has been updated taking account of new data where applicable
- (b) A maximum of 30 years.

22. A small-scale afforestation or reforestation project activity under the CDM shall be designed in such a manner as to minimize leakage.

D. Monitoring

23. Project participants shall include, as part of the project design document for a small-scale afforestation or reforestation project activity under the CDM or a bundle of small-scale afforestation or reforestation project activities under the CDM, a monitoring plan that provides for:

- (a) The collection and archiving of all relevant data necessary for estimating or measuring the actual net greenhouse gas removals by sinks during the crediting period as specified in appendix B
- (b) The collection and archiving of all relevant data necessary for determining the baseline net greenhouse gas removals by sinks during the crediting period as specified in appendix B
- (c) Unless project participants have successfully shown to the DOE that significant leakage is not expected to occur, as specified in appendix B, the identification of potential sources of, and the collection and archiving of data on, leakage during the crediting period
- (d) Changes in circumstances within the project boundary that affect legal title to the land or rights of access to the carbon pools
- (e) Quality assurance and quality control procedures for the monitoring process in accordance with appendix B
- (f) Procedures for the periodic calculation of the net anthropogenic greenhouse gas removals by sinks due to the small-scale afforestation or reforestation project activity under the CDM, and documentation of the steps involved in those calculations
- (g) Procedures for the review of implementation of relevant measures to minimize leakage where the circumstances of the project activity have changed in a manner that may result in, or increase, leakage.

24. The monitoring plan for a proposed small-scale afforestation or reforestation project activity under the CDM may use the monitoring methodology specified in appendix B for the relevant project activity if the DOE determines at validation that the monitoring methodology reflects good monitoring practice appropriate to the circumstances of the project activity.

25. If small-scale afforestation or reforestation project activities under the CDM are bundled, a separate monitoring plan shall apply for each of the constituent project activities in accordance with paragraphs 23 and 24 above, or an overall monitoring plan shall apply for the bundled projects, as determined by the DOE at validation to reflect good monitoring practice appropriate to the bundled project activities and to provide for the collection and archiving of the data needed to calculate the net anthropogenic greenhouse gas removals by sinks achieved by the bundled project activities. Good practice may include monitoring of a sample of projects in a bundle.

26. Project participants shall implement the monitoring plan contained in the registered project design document, archive the relevant monitored data and report the relevant monitoring data to a DOE contracted to verify the net anthropogenic greenhouse gas removals by sinks achieved during the crediting period specified by the project participants.

27. Revisions, if any, to the monitoring plan to improve the accuracy and/or completeness of information shall be justified by project participants and shall be submitted for validation to a DOE.

28. The implementation of the registered monitoring plan and its revisions, as applicable, shall be a condition for verification, certification and the issuance of temporary certified emission reductions (tCERs) or long-term certified emission reductions (lCERs).

29. The project participants shall provide to the DOE contracted by the project participants to perform the verification a monitoring report in accordance with the registered monitoring plan set out in paragraph 23 above for the purpose of verification and certification.

Appendix A

Project design document for small-scale afforestation and reforestation project activities under the clean development mechanism

1. The purpose of this appendix is to outline the information required in the project design document for small-scale afforestation and reforestation project activities under the clean development mechanism (CDM). A project activity shall be described in detail in a project design document, taking into account the provisions for small-scale afforestation and reforestation project activities under the CDM as set out in the present annex, in particular in its section C on validation and registration and in its section D on monitoring. The description shall include the following:

- (a) A description of the small-scale afforestation or reforestation project activity under the CDM comprising the project purpose; a technical description of the project activity, including species and varieties selected and how technology and know-how will be transferred, if appropriate; a description of the physical location and boundaries of the project activity; and a specification of the gases whose emissions will be part of the project activity
- (b) A description of the present environmental conditions of the area including a description of climate, hydrology, soils, ecosystems, and the possible presence of rare or endangered species and their habitats
- (c) A description of legal title to the land, rights of access to the sequestered carbon, and current land tenure and land use
- (d) Carbon pools selected, as well as transparent and verifiable information, in accordance with paragraph 21 of the modalities and procedures for afforestation and reforestation project activities under the CDM
- (e) A statement of which baseline and monitoring methodologies in appendix B have been selected
- (f) A description of how the simplified baseline methodology in appendix B will be applied in the context of the small-scale afforestation or reforestation project activity
- (g) Measures to be implemented to minimize potential leakage, as applicable
- (h) The start date for the project activity, with justification, and the choice of crediting periods during which the project activity is expected to result in net anthropogenic greenhouse gas removals by sinks
- (i) A statement of which approach for addressing non-permanence was selected in accordance with paragraph 38 of the modalities and procedures for afforestation and reforestation project activities under the CDM
- (j) A description of how the actual net greenhouse gas removals by sinks are increased above the sum of the changes in carbon stocks in the carbon pools within the project boundary that would have occurred in the absence of the registered small-scale afforestation or reforestation project activity under the CDM

- (k) Environmental impacts of the project activity:
 - (i) Documentation on the analysis of the environmental impacts, including impacts on biodiversity and natural ecosystems, and impacts outside the project boundary, of the proposed small-scale afforestation or reforestation project activity under the CDM. This analysis should include, where applicable, information on, inter alia, hydrology, soils, risk of fires, pests and diseases
 - (ii) If any negative impact is considered significant by the project participants or the host Party, a statement that project participants have undertaken an environmental impact assessment adequate to scale, in accordance with the procedures required by the host Party, including conclusions and all references to support documentation
- (l) Socio-economic impacts of the project activity:
 - (i) Documentation on the analysis of the socio-economic impacts, including impacts outside the project boundary, of the proposed small-scale afforestation or reforestation project activity under the CDM. This analysis should include, where applicable, information on, inter alia, local communities, indigenous peoples, land tenure, local employment, food production, cultural and religious sites, and access to fuelwood and other forest products
 - (ii) If any negative impact is considered significant by the project participants or the host Party, a statement that project participants have undertaken a socio-economic impact assessment adequate to scale, in accordance with the procedures required by the host Party, including conclusions and all references to support documentation
- (m) A description of planned monitoring and remedial measures to address significant impacts referred to in paragraph 1 (k) (ii) and (l) (ii) above
- (n) Information on sources of public funding for the project activity from Annex I Parties which shall provide an affirmation that such funding does not result in a diversion of official development assistance and is separate from and is not counted towards the financial obligations of those Parties
- (o) Stakeholder comments, including a brief description of the process, a summary of the comments received, and a report on how due account was taken of any comments received
- (p) A description of how the simplified monitoring methodology of appendix B will be applied in the context of the small-scale afforestation or reforestation project activity under the CDM.

Appendix B

Indicative simplified baseline and monitoring methodologies for selected types of small-scale afforestation and reforestation project activities under the clean development mechanism

1. The Executive Board shall develop an indicative list of simplified methodologies for selected types of small-scale afforestation and reforestation project activities under the clean development mechanism (CDM), in accordance with the following guidance:

Baseline methodology

2. If project participants can provide relevant information that indicates that, in the absence of the small-scale afforestation or reforestation project activity under the CDM, no significant changes in the carbon stocks within the project boundary would have occurred, they shall assess the existing carbon stocks prior to the implementation of the project activity. The existing carbon stocks shall be considered as the baseline and shall be assumed to be constant throughout the crediting period.

3. If significant changes in the carbon stocks within the project boundary would be expected to occur in the absence of the small-scale afforestation or reforestation project activity, project participants shall use simplified baseline methodologies to be developed by the Executive Board.

4. The Executive Board shall develop simplified baseline methodologies for the following types of small-scale afforestation or reforestation project activities:¹

- (a) Grassland to forested land
- (b) Cropland to forested land
- (c) Wetland to forested land
- (d) Settlement to forested land.

5. The Executive Board shall consider the types referred to in paragraph 4 above and develop, for consideration by the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol (COP/MOP) at its first session, default factors for assessing the existing carbon stocks and for simplified baseline methodologies, taking into account, if appropriate, types of soils, lifetime of the project and climatic conditions. Project participants may use either the default factors or project-specific methods, provided they reflect good practice appropriate to the type of the project activity.

Monitoring methodology

6. No monitoring of the baseline is requested.

7. The Executive Board shall develop, for consideration by the COP/MOP at its first session, simplified monitoring methodologies based on appropriate statistical methods to estimate or measure the actual net greenhouse gas removals by sinks. As appropriate, the Executive Board may indicate different methods for different types of afforestation and reforestation project activities under the CDM and propose default factors, if any, to facilitate the estimation or measurement of actual net greenhouse gas removals by sinks.

¹ The land categories shall be consistent with those defined in chapter 2 (Basis for consistent representation of land areas) of the *IPCC Good Practice Guidance for Land Use, Land-Use Change and Forestry*.

8. The Executive Board shall consider ways to simplify the information requirements needed to determine that one or more carbon pools and/or greenhouse gas emissions can be excluded from the estimation of the baseline net greenhouse gas removals by sinks and/or the actual net greenhouse gas removals by sinks.

Leakage

9. If project participants demonstrate that the small-scale afforestation or reforestation project activity under the CDM does not result in the displacement of activities or people, or does not trigger activities outside the project boundary, that would be attributable to the small-scale afforestation or reforestation project activity under the CDM, such that an increase in greenhouse gas emissions by sources occurs, a leakage estimation is not required. In all other cases leakage estimation is required. The Executive Board shall develop guidelines to estimate leakage.

Attachment A to Appendix B

(The attachment A to appendix B, referred to in paragraph 20 of the simplified modalities and procedures for small-scale afforestation and reforestation project activities under the CDM, shall be developed by the Executive Board, taking into consideration the existing list of barriers for non-afforestation and reforestation CDM project activities, as contained in attachment A to appendix B of annex II to decision 21/CP.8.)

Appendix C

Criteria for determining the occurrence of debundling

1. Debundling is defined as the fragmentation of a large project activity into smaller parts. A small-scale project activity that is part of a large project activity is not eligible to use the simplified modalities and procedures for small-scale afforestation and reforestation project activities under the clean development mechanism (CDM). A large project activity or any of its components shall follow the regular modalities and procedures for afforestation and reforestation project activities under the CDM.
2. A proposed small-scale afforestation or reforestation project activity under the CDM shall be deemed to be a debundled component of a large project activity if there is a registered small-scale afforestation or reforestation project activity under the CDM or an application to register another afforestation or reforestation small-scale project activity under the CDM:
 - (a) With the same project participants
 - (b) Registered within the previous two years
 - (c) Whose project boundary is within 1 km of the project boundary of the proposed small-scale afforestation or reforestation activity under the CDM at the closest point.
3. If a proposed small-scale afforestation or reforestation project activity under the CDM is deemed to be a debundled component in accordance with paragraph 2 above, but the total size of such an activity combined with the previously registered small-scale afforestation or reforestation project activity under the CDM does not exceed the limits for small-scale afforestation or reforestation project activities under the CDM as set out in paragraph 1 (i) of the annex to decision 19/CP.9, the project activity can qualify to use simplified modalities and procedures for small-scale afforestation and reforestation project activities under the CDM.

RESOLUTION ANNEX 04

**CLEAN DEVELOPMENT MECHANISM
PROJECT DESIGN DOCUMENT FORM FOR AFFORESTATION AND REFORESTATION
PROJECT ACTIVITIES (CDM-AR-PDD)**

CONTENTS

- A. General description of the proposed A/R CDM project activity
- B. Application of a baseline methodology
- C. Application of a monitoring methodology and plan
- D. Estimation the net anthropogenic GHG removals by sinks
- E. Environmental impacts of the proposed A/R CDM project activity
- F. Socio-economic impacts of the proposed A/R CDM project activity
- G. Stakeholders' comments

Annexes

- Annex 1: Contact information on participants in the proposed A/R CDM project activity
- Annex 2: Information regarding public funding
- Annex 3: Baseline information
- Annex 4: Monitoring plan

SECTION A. General description of the proposed A/R CDM project activity:

A.1. Title of the proposed A/R CDM project activity:

>>

A.2. Description of the proposed A/R CDM project activity:

>>

A.3. Project participants:

>>

A.4. Technical description of the A/R CDM project activity:

A.4.1. Location of the proposed A/R CDM project activity:

>>

A.4.1.1. Host Party(ies):

>>

A.4.1.2. Region/State/Province etc.:

>>

A.4.1.3. City/Town/Community etc:

>>

A.4.1.4. Detail of geographical location and project boundary, including information allowing the unique identification(s) of the proposed A/R CDM project activity:

>>

A.4.1.5. A description of the present environmental conditions of the area, including a description of climate, hydrology, soils, ecosystems, and the possible presence of rare or endangered species and their habitats:

>>

A.4.2. Species and varieties selected:

>>

A.4.3. Specification of the greenhouse gases (GHG) whose emissions will be part of the proposed A/R CDM project activity:

>>

PROJECT DESIGN DOCUMENT FORM
FOR AFFORESTATION AND REFORESTATION PROJECT ACTIVITIES (CDM-AR-PDD) - Version 01

A.4.4. Carbon pools selected:

>>

A.4.5. Compliance with the definition for afforestation or reforestation:

>>

A.4.6. A description of legal title to the land, current land tenure and land use and rights of access to the sequestered carbon:

>>

A.4.7. Type(s) of A/R CDM project activity:

>>

A.4.8. Technology to be employed by the proposed A/R CDM project activity:

>>

A.4.9. Approach for addressing non-permanence:

>>

A.4.10. Duration of the proposed A/R CDM project activity / Crediting period:

>>

A.4.10.1. Starting date of the proposed A/R CDM project activity and of the (first) crediting period, including a justification:

>>

A.4.10.2. Expected operational lifetime of the proposed A/R CDM project activity:

>>

A.4.10.3. Choice of crediting period and related information:

>>

A.4.10.3.1. Renewable crediting period, if selected:

>>

A.4.10.3.1.1. Starting date of the first crediting period:

>>

A.4.10.3.1.2. Length of the first crediting period:

>>

A.4.10.3.2 Fixed crediting period, if selected:

>>

A.4.10.3.2 .1. Starting date:

>>

A.4.10.3.2.2. Length:

>>

A.4.11. Brief explanation of how the net anthropogenic GHG removals by sinks are achieved by the proposed A/R CDM project activity, including why these would not occur in the absence of the proposed A/R CDM project activity, taking into account national and/or sectoral policies and circumstances:

>>

A.4.11.1. Estimated amount of net anthropogenic GHG removals by sinks over the chosen crediting period:

>>

A.4.12. Public funding of the proposed A/R CDM project activity:

>>

SECTION B. Application of a baseline methodology

B.1. Title and reference of the approved baseline methodology applied to the proposed A/R CDM project activity:

>>

B.1.1. Justification of the choice of the methodology and its applicability to the proposed A/R CDM project activity:

>>

B.2. Description of how the methodology is applied to the proposed A/R CDM project activity:

>>

B.3. Description of how the actual net GHG removals by sinks are increased above those that would have occurred in the absence of the registered A/R CDM project activity:

>>

B.4. Detailed baseline information, including the date of completion of the baseline study and the name of person(s)/entity(ies) determining the baseline:

>>

SECTION C. Application of a monitoring methodology and of a monitoring plan

C.1. Title and reference of approved monitoring methodology applied to the project activity:

>>

**C.2. Justification of the choice of the methodology and its applicability to the proposed A/R
CDM project activity:**

>>

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C.3. Monitoring of the baseline net GHG removals by sinks and the actual net GHG removals by sinks:

C.3.1. Actual net GHG removals by sinks data:

C.3.1.1. Data to be collected or used in order to monitor the verifiable changes in carbon stock in the <u>carbon pools</u> within the project boundary resulting from the proposed A/R CDM project activity, and how this data will be archived:								
ID number (Please use numbers to ease cross-referencing to D.3)	Data variable	Source of data	Data unit	Measured (m), calculated (c) or estimated (e)	Recording frequency	Proportion of data to be monitored	How will the data be archived? (electronic / paper)	Comment

C.3.1.2. Data to be collected or used in order to monitor the GHG emissions by the sources, measured in units of CO₂ equivalent, that are increased as a result of the implementation of the proposed A/R CDM project activity within the project boundary, and how this data will be archived:								
ID number (Please use numbers to ease cross-referencing to D.3)	Data variable	Source of data	Data unit	Measured (m), calculated (c) or estimated (e)	Recording frequency	Proportion of data to be monitored	How will the data be archived? (electronic / paper)	Comment

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C.3.1.3. Description of formulae and/or models used to monitor the estimation of the actual net GHG removals by sinks:

C.3.1.3.1. Description of formulae and/or models used to monitor the estimation of the verifiable changes in carbon stock in the carbon pools within the project boundary (for each carbon pool in units of CO₂ equivalent):

>>

C.3.1.3.2. Description of formulae and/or models used to monitor the estimation of the GHG emissions by the sources, measured in units of CO₂ equivalent, that are increased as a result of the implementation of the proposed A/R CDM project activity within the project boundary (for each source and gas, in units of CO₂ equivalent):

>>

C.3.2. As appropriate, relevant data necessary for determining the baseline net GHG removals by sinks and how such data will be collected and archived:

ID number (Please use numbers to ease cross-referencing to D.3)	Data variable	Source of data	Data unit	Measured (m), calculated (c) or estimated (e)	Recording frequency	Proportion of data to be monitored	How will the data be archived? (electronic / paper)	Comment

C.3.2.1. Description of formulae and/or models used to monitor the estimation of the baseline net GHG removals by sinks (for each carbon pool, in units of CO₂ equivalent):

>>

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C.4. Treatment of leakage in the monitoring plan:

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C.4.1. If applicable, please describe the data and information that will be collected in order to monitor leakage of the proposed A/R CDM project activity:

ID number (Please use numbers to ease cross-referencing to D.3)	Data variable	Source of data	Data unit	Measured (m), calculated (c) or estimated (e)	Recording frequency	Proportion of data to be monitored	How will the data be archived? (electronic / paper)	Comment

C.4.2. Description of formulae and/or models used to estimate leakage (for each GHG, source, carbon pool, in units of CO₂ equivalent):

>>

C.4.3. Please specify the procedures for the periodic review of implementation of activities and measures to minimize leakage:

>>

C.5. Description of formulae and/or models used to estimate net anthropogenic GHG removals by sinks for the proposed A/R CDM project activity (for each GHG, carbon pool, in units of CO₂ equivalent):

>>

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C.6. Quality control (QC) and quality assurance (QA) procedures are being undertaken for data monitored:

Data <i>(Indicate table and ID number e.g. 3.-1.; 3.2.)</i>	Uncertainty level of data (High/Medium/Low)	Explain QA/QC procedures planned for these data, or why such procedures are not necessary.

C.7. Please describe the operational and management structure(s) that the project operator will implement in order to monitor actual GHG removals by sinks and any leakage generated by the proposed A/R CDM project activity:

>>

C.8. Name of person/entity determining the monitoring methodology:

>>

SECTION D. Estimation of net anthropogenic GHG removals by sinks:

D.1. Estimate of the actual net GHG removals by sinks:

>>

D.2. Estimated baseline net GHG removals by sinks:

>>

D.3. Estimated leakage:

>>

D.4. The sum of D.1 minus D.2 minus D.3 representing the net anthropogenic GHG removals by sinks of the proposed A/R CDM project activity:

>>

D.5. Table providing values obtained when applying formulae above:

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SECTION E. Environmental impacts of the proposed A/R CDM project activity:

E.1. Documentation on the analysis of the environmental impacts, including impacts on biodiversity and natural ecosystems, and impacts outside the project boundary of the proposed A/R CDM project activity:

>>

E.2. If any negative impact is considered significant by the project participants or the host Party, a statement that project participants have undertaken an environmental impact assessment, in accordance with the procedures required by the host Party, including conclusions and all references to support documentation:

>>

E.3. Description of planned monitoring and remedial measures to address significant impacts referred to in section E.2. above:

>>

SECTION F. Socio-economic impacts of the proposed A/R CDM project activity:

>>

F.1. Documentation on the analysis of the socio-economic impacts, including impacts outside the project boundary of the proposed A/R CDM project activity:

>>

F.2. If any negative impact is considered significant by the project participants or the host Party, a statement that project participants have undertaken a socioeconomic impact

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assessment, in accordance with the procedures required by the host Party, including conclusions and all references to support documentation:

>>

F.3. Description of planned monitoring and remedial measures to address significant impacts referred to in section F.2 above:

>>

SECTION G. Stakeholders' comments:

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G.1. Brief description of how comments by local stakeholders have been invited and compiled:

>>

G.2. Summary of the comments received:

>>

G.3. Report on how due account was taken of any comments received:

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Annex 1

CONTACT INFORMATION ON PARTICIPANTS IN THE PROPOSED A/R CDM PROJECT
ACTIVITY

Organization:	
Street/P.O.Box:	
Building:	
City:	
State/Region:	
Postfix/ZIP:	
Country:	
Telephone:	
FAX:	
E-Mail:	
URL:	
Represented by:	
Title:	
Salutation:	
Last Name:	
Middle Name:	
First Name:	
Department:	
Mobile:	
Direct FAX:	
Direct tel:	
Personal E-Mail:	

Annex 2

INFORMATION REGARDING PUBLIC FUNDING

Annex 3

BASELINE INFORMATION

Annex 4

MONITORING PLAN

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