



**GUIDELINES FOR COMPLETING  
THE SIMPLIFIED PROJECT DESIGN DOCUMENT FOR SMALL SCALE A/R (CDM-SSC-  
AR-PDD) AND THE FORM FOR SUBMISSIONS ON METHODOLOGIES FOR SMALL SCALE  
AR CDM PROJECT ACTIVITIES (F-CDM-SSC-AR-Subm) Version -01**

**ONCE AMENDMENTS OR NEW SIMPLIFIED METHODOLOGIES HAVE BEEN APPROVED  
THIS DOCUMENT NEEDS TO BE UPDATED**

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**History of the document**

<b>Version</b>	<b>Date</b>	<b>Nature of revision(s)</b>
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**PART I****A. General Information on  
the Simplified Project Design Document for small scale A/R (CDM-SSC-AR-PDD)**

1. These guidelines seek to assist project participants in completing the simplified Project Design Document for Small-Scale A/R project activities (CDM-SSC-AR-PDD) and the form for submission of queries, proposed new categories and/or amendments to the indicative simplified baseline and monitoring methodologies for selected small-scale CDM A/R project activity categories (F-CDM-SSC-AR-Subm).
2. The forms CDM-SSC-AR-PDD and the F-CDM-SSC-AR-Subm were developed by the CDM Executive Board in conformity with the relevant simplified modalities and procedures for the Project Design Document for small scale A/R project activities under CDM as defined in Appendix A “Project Design Document ” to the modalities and procedures for small-scale afforestation and reforestation project activities under the CDM (hereafter referred as “CDM-SSC-A/R modalities and procedures”, see decision 14/CP.10 and its annex contained in document FCCC/CP/2004/10/Add.2.).
3. If project participants wish to submit a small scale afforestation or reforestation (hereafter referred as SSC-A/R) project activity for validation and registration, they shall submit a fully completed CDM-SSC-AR-PDD based on the "simplified baseline and monitoring methodologies for selected small-scale afforestation and reforestation CDM project activities categories". In accordance with decision 14/CP.10, project participants may propose new simplified methodologies or amendments to these simplified monitoring methodologies for project activities that would not fall under the applicability conditions of these baseline and monitoring methodologies. Such proposed new methodologies will be subject to the consideration of the CDM Executive Board.
4. If project participants wish to submit queries and / or proposals for new categories and / or amendments to the simplified baseline and monitoring methodologies for selected small scale A/R CDM project activity categories they shall submit a fully completed F-CDM-SSC-AR-Subm.
5. The CDM-SSC-AR-PDD and F-CDM-SSC-AR-Subm may be obtained electronically from the UNFCCC CDM web site (<http://unfccc.int/cdm>), by e-mail ([cdm-info@unfccc.int](mailto:cdm-info@unfccc.int)) or in printed format from the UNFCCC secretariat (Fax: +49-228-815-1999).
6. Terms, which are underlined with a broken line in the CDM-SSC-AR-PDD are explained in the “Glossary of SSC-A/R CDM Terms”, included in these guidelines. It is recommended that before or during the completion of the forms that project participants consult the most recent version of the “Glossary of SSC-A/R CDM Terms”.
7. Project participants should also consult the section “Guidance – clarifications” available on the UNFCCC CDM web site (<http://unfccc.int/cdm>) or available from the UNFCCC secretariat by e-mail ([cdm-info@unfccc.int](mailto:cdm-info@unfccc.int)) or in print via fax (+49-228-815 1999).
8. The Executive Board may revise the CDM-SSC-AR-PDD and F-CDM-SSC-AR-Subm, if necessary.



9. Revisions come into effect, once adopted by the Executive Board, bearing in mind the provisions mentioned in Para 10 and 11 below.
10. Revisions to the CDM-SSC-AR-PDD do not affect small scale A/R project activities that are:
  - a) Already validated, or already submitted to the OE for validation prior to the adoption of the revised CDM-SSC-AR-PDD;
  - b) Submitted to the OEs within a month of the adoption of the revised CDM-SSC-AR-PDD;
  - c) The Executive Board will not accept documentation using previous versions of the CDM-SSC-AR-PDD six months after the adoption of the new version.
11. In accordance with the modalities and procedures for a CDM (“hereafter referred as CDM modalities and procedures”, see decision 17/CP.7 and its annex contained in document FCCC/CP/2001 /13 /Add.2), the working language of the Board is English. The CDM-SSC-AR-PDD and F-CDM-SSC-AR-Subm shall therefore be completed and submitted in English language to the Executive Board. However, the CDM-SSC-AR-PDD is available on the UNFCCC CDM web site for consultation in all six official languages of the United Nations.
12. The CDM-SSC-AR-PDD and F-CDM-SSC-AR-Subm templates shall not be altered, that is, shall be completed using the same font without modifying its format, font, headings or logo.
13. Tables and their columns shall not be modified or deleted, rows may however be added, as needed.
14. The CDM-SSC-AR-PDD shall include in section A.1 the version number and the date of the document.
15. If sections of the CDM-SSC-AR-PDD and F-CDM-SSC-AR-Subm are not applicable, it shall be explicitly stated that the section is left blank on purpose.
16. The CDM-SSC-AR-PDD and F-CDM-SSC-AR-Subm are applicable only to small scale projects activities that are afforestation and/or reforestation projects. The CDM-SSC-PDD documentation for other small scale project activities is available on the UNFCCC CDM web site.



## B. Glossary of A/R CDM terms

The following CDM glossary intends to assist in clarifying terms used in the Project Design Document for small scale A/R (CDM-SSC-AR-PDD) and the CDM SSC A/R modalities and procedures in order to facilitate the completion of the CDM-SSC-AR-PDD by project participants.

### **Clean development mechanism (CDM):**

Article 12 of the Kyoto Protocol defines the clean development mechanism. “The purpose of the clean development mechanism shall be to assist Parties<sup>1</sup> not included in Annex I in achieving sustainable development and in contributing to the ultimate objective of the Convention, and to assist Parties included in Annex I in achieving compliance with their quantified emission limitation and reduction commitments under article 3”.

At its seventh session, the Conference of the Parties (COP) adopted modalities and procedures for a clean development mechanism (hereafter referred as “CDM modalities and procedures”, see decision 17/CP.7 and its annex contained in document FCCC/CP/2001/13/Add.2) and agreed on a prompt start of the CDM by establishing an Executive Board and agreeing that until the entry into force of the Kyoto Protocol (a) this Board should act as the Executive Board of the CDM and (b) the Conference of the Parties (COP) should act as the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol (COP/MOP) as required by the Protocol and the CDM modalities and procedures.

At its tenth session, the COP adopted modalities and procedures for small scale afforestation and reforestation project activities under the CDM (hereafter referred as “CDM SSC A/R modalities and procedures”, see decision 14/CP.10 and its annex contained in document FCCC/CP/2004/10/Add.2).

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 paragraphs 4–29 of simplified modalities and procedure for small-scale afforestation and reforestation project activities under CDM as contained in decision 14/CP.10 apply instead. Appendix A (of simplified modalities and procedure for small-scale afforestation and reforestation project activities) should replace, as appropriate, the provisions in appendix B of the modalities and procedures for afforestation and reforestation project activities under the CDM.

### **Terms in alphabetical order:**

#### **Actual net greenhouse gas removals by sinks:**

“Actual net greenhouse gas (GHG) 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 GHGs measured in CO<sub>2</sub> equivalents by the sources that are increased as a result of the implementation of the

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<sup>1</sup> In this glossary, the term “Party” is used as defined in the Kyoto Protocol: “Party” means, unless the context otherwise indicates, a Party to the Protocol. “Party included in Annex I” means a Party included in Annex I to the Convention, as may be amended, or a Party which has made a notification under Article 4, paragraph 2(g), of the Convention.

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afforestation or reforestation (A/R) project activity within the project boundary, attributable to the A/R CDM project activity.

**Additional**

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.

**Afforestation:**

“Afforestation” is the direct human-induced conversion of land that has not been forested for a period of at least 50 years to forested land through planting, seeding and/or the human-induced promotion of natural seed sources.

**“Appendix A”:**

Refers to the Appendix A of the simplified modalities and procedures for small-scale A/R CDM project activities as contained in decision 14/CP.10, which provides for a simplified project design document. The latest form for simplified project design document for small-scale CDM project activities is available in the section on reference/forms of the UNFCCC CDM web site: <http://cdm.unfccc.int/Reference/Forms>.

**“Appendix B”:**

The Appendix B of the simplified modalities and procedures for small-scale A/R CDM project activities corresponds to the indicative list of simplified baseline and monitoring methodology for selected small-scale CDM project activity categories. This list is updated and modified by decisions by the Executive Board based on inputs by project participants. The latest version of the list is available on the UNFCCC CDM web site under the section on approved small-scale methodologies (please refer to <http://cdm.unfccc.int/methodologies/SSCmethodologies/approved>).

**“Appendix C”**

The Appendix C of the simplified modalities and procedures for small-scale A/R CDM project activities corresponds to the procedures for determining the occurrence of debundling. *See also “Debundling”.*

**“Attributable”:**

See “measurable and attributable”.

**Approval by Parties involved:**

A written approval constitutes the authorization by a designated national authority (DNA) of specific entity(ies)<sup>2</sup> participation as project proponents in the specific CDM project activity. The approval covers the requirements of paragraph 33 of the CDM modalities and procedures<sup>2</sup>.

The DNA of a Party involved in a proposed CDM project activity shall issue a statement including the following:

- The Party has ratified the Kyoto Protocol.
- The approval of voluntary participation in the proposed CDM project activity

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<sup>2</sup> Applied mutatis mutandis in the CDM-SSCA/R modalities and procedures

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- In the case of Host Party(ies): statement that the proposed small scale A/R CDM project activity contributes to sustainable development of the host Party(ies).

The written approval shall be unconditional with respect to the above.

Multilateral funds do not necessarily require written approval from each participant's DNA. However those not providing a written approval may be giving up some of their rights and privileges in terms of being a Party involved in the project.

A written approval from a Party may cover more than one project provided that all projects are clearly listed in the letter.

The Board agreed that the registration of a A/R CDM project activity can take place without an Annex I Party being involved at the stage of registration. Before an Annex I Party acquires temporary or long-term CERs from such a project activity from an account within the CDM Registry, it shall submit a letter of approval to the Board in order for the CDM Registry administrator to be able to forward CERs from the CDM Registry to the national registry of the Annex I Party.

The DOE shall receive documentation of the approval.

**Authorization of a private and/or public entity to participate in an SSC A/R CDM project activity:**  
*See "Approval by Parties involved"*

**Baseline:**

*See baseline scenario for SSC A/R project activities.*

**Baseline approach:**

*See baseline approach for SSC A/R CDM project activities.*

**Baseline approach for SSC A/R CDM project activities:**

A baseline approach is the basis for a baseline methodology. The most likely baseline scenario of the small-scale A/R CDM project activity is considered to be the land-use prior to the implementation of the project activity, whichever is the case grasslands or croplands. Project activities implemented on settlements or wetlands are presently not included in SSC-AR-CDM.-

**Baseline and monitoring - simplified approved methodology:**

A simplified baseline and monitoring methodology approved by the Executive Board for selected small-scale afforestation and reforestation (A/R) CDM project activity categories is publicly available on the UNFCCC CDM website (<http://unfccc.int/cdm>) or through a written request sent to [cdm-info@unfccc.int](mailto:cdm-info@unfccc.int) or Fax: (49-228) 815-1999.

**Baseline and monitoring methodology:**

A methodology is an application of a baseline approach. The most likely baseline scenario of the small-scale A/R CDM project activity is considered to be the land-use prior to the implementation of the project activity, whichever is the case grasslands or croplands. Project activities implemented on settlements or wetlands are presently not included in SSC-AR-CDM.

A "simplified baseline and monitoring methodologies for selected small-scale afforestation and reforestation CDM project activities categories" is publicly available on the UNFCCC CDM website (<http://unfccc.int/cdm>). Project participants may use the methodology for project categories, which fall under the applicability conditions of the methodology.

A baseline methodology should reflect aspects such as environmental conditions and past land uses and land use changes.

**Baseline net greenhouse gas removals by sinks:**

"Baseline net GHG 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 SSC A/R CDM project activity.

**Baseline and monitoring - new methodology:**

Project participants may propose a new baseline and monitoring methodology established in a transparent and conservative manner. Project activities that are very specific and have not been addressed by the selected small-scale A/R CDM project activities (as contained Appendix B of as "CDM-SSC-A/R modalities and procedures" of decision 14/CP.10), project participants in accordance with decision 14/CP.10, may propose new simplified methodologies or amendments to these simplified baseline and monitoring methodologies for project activities that would not fall under the applicability conditions of these baseline and monitoring methodology. Such proposed new methodologies would be subject to the consideration of the CDM Executive Board.

Where project participants willing to submit a new type of small-scale afforestation or reforestation project activity under the CDM or revisions to a baseline and monitoring methodology shall make a request in writing in form **F-CDM-SSC-A/R-Subm**, 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 (of decision 14/CP.10).

**Baseline scenario for SSC A/R CDM project activities:**

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 of as "CDM-SSC-A/R modalities and procedures" of decision 14/CP.10

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A baseline shall cover all carbon pools as considered for small scale A/R CDM project activities within the project boundary.

**Bundle:**

Bringing together of several small-scale CDM project activities, to form a single CDM project activity or portfolio without the loss of distinctive characteristics of each component project activity and with the total bundle not exceeding the limits stipulated in para 6(c) of decision 17/CP.7 with the aim of lowering transaction costs per unit.

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

**Confidential/proprietary information:**

In accordance with paragraph 6 of the CDM modalities and procedures<sup>3</sup>, information obtained from A/R CDM project participants marked as proprietary or confidential shall not be disclosed without the written consent of the provider of the information, except as required by national law. Information used to determine additionality, to describe the baseline methodology and its application, and to support an environmental impact assessment shall not be considered as proprietary or confidential.

Bearing in mind paragraph 6 of the CDM modalities and procedures<sup>4</sup>, project participants shall submit documentation that contains confidential and proprietary information in two versions:

- One marked up version where all confidential/proprietary parts shall be made illegible by the project participants (e.g. by covering those parts with black ink) so that this can be made publicly available.
- A second version containing all information which shall be treated as strictly confidential by all handling this documentation (DOEs/AEs, Board members and alternates, panel/committee and working group members, external experts requested to consider such documents in support of work for the Board, and the secretariat).

**Carbon pools:**

Carbon pools<sup>5</sup> are: above-ground biomass, belowground biomass, litter, dead wood and soil organic carbon. Project participants may choose not to account for one or more carbon pools if they provide transparent and verifiable information that indicates that the choice will not increase the expected net anthropogenic GHG removals by sinks.

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<sup>3</sup> Applied mutatis mutandis in the CDM SSC A/R modalities and procedures

<sup>4</sup> Applied mutatis mutandis in the CDM SSC A/R modalities and procedures

<sup>5</sup> For more information on the definition for each carbon pool, you may refer to the Intergovernmental Panel on Climate Change Good Practice Guidance for Land Use, Land-Use Change and Forestry, table 3.2.1 on page 3.15. See <http://www.ipcc-nggip.iges.or.jp/public/gpplulucf/gpplulucf.htm>.

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page 10**Certification:**

Certification is the written assurance by the designated operational entity that an SSC A/R CDM project activity achieved the net anthropogenic GHG removals by sinks since the start of the project, as verified.

**Conservative:**

See “Transparent and conservative”.

**Crediting period:**

See crediting period for SSC A/R CDM project activities.

**Crediting period for SSC A/R CDM project activities:**

The crediting period for an SSC A/R CDM project activity is the period for which net anthropogenic GHG removals by sinks are verified and certified by a designated operational entity for the purpose of issuance of long-term certified emission reductions (ICERs) or of temporary certified emission reductions (tCERs). 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.

A crediting period shall not extend beyond the operational lifetime of the SSC A/R CDM project activity.

The project participants may choose between two options for the length of a crediting period : (i) fixed crediting period or (ii) renewable crediting period, as defined in paragraph 21 (a) and (b) of the “CDM-SSC-A/R modalities and procedures”, decision 14/CP.10.

*(see also: starting date of an SSC A/R CDM project activity)*

**Crediting period – fixed:**

“Fixed Crediting Period” is one of two options for determining the length of a crediting period. In the case of this option, the length and starting date of the period is determined once for an SSC A/R CDM project activity with no possibility of renewal or extension once the proposed SSC A/R CDM project activity has been registered. The length of the period can be a maximum of thirty years for a proposed SSC A/R CDM project activity (paragraph 21 (b) of “CDM-SSC-A/R modalities and procedures”, decision 14/CP.10).

**Crediting period – renewable:**

“Renewable crediting period” is one of two options for determining the length of a crediting period. In the case of this option, a single crediting period may be of a maximum of twenty years. The crediting period may be renewed at most two times (maximum 60 years), provided that, for each renewal, a designated operational entity determines that the original project baseline is still valid or has been updated taking account of new data, where applicable, and informs the Executive Board accordingly (paragraph 21 (a) of the SSC A/R CDM modalities and procedures, decision 14/CP.10). The starting date and length of the first crediting period has to be determined before registration.

**Debundling:**

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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 A/R CDM project activities. The full project activity or any component of the full project activity shall follow the regular CDM modalities and procedures.

A proposed small-scale project activity shall be deemed to be a debundled component of a large project activity if there is a registered small-scale CDM project activity or a request for registration by another small-scale project activity:

- By the same project participants;
- In the same project category and technology/measure; and
- Registered within the previous 2 years; and
- Whose project boundary is within 1 km of the project boundary of the proposed small-scale activity at the closest point.

If a proposed small-scale project activity is deemed to be a debundled component, but the total size of such an activity combined with the previous registered small-scale CDM project activity does not exceed the limits for small-scale CDM project activities as set in paragraph 6 (c) of the decision 17/CP.7, the project activity can qualify to use simplified modalities and procedures for small-scale CDM project activities.

**Designated operational entity (DOE):**

An entity designated by the COP/MOP, based on the recommendation by the Executive Board, as qualified to validate proposed CDM project activities as well as verify and certify net anthropogenic GHG removals by sinks. 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 (decision 14/CP.10).

COP at its eighth session decided that the Executive Board may designate on a provisional basis operational entities (please refer to decision 21/CP.8).

**Forest:**

“Forest” is a minimum area of land of 0.05-1.0 hectares with tree crown cover (or equivalent stocking level) of more than 10-30 per cent with trees with the potential to reach a minimum height of 2-5 metres at maturity *in situ*. A forest may consist either of closed forest formations where trees of various storeys and undergrowth cover a high proportion of the ground or open forest. Young natural stands and all plantations which have yet to reach a crown density of 10-30 per cent or tree height of 2-5 metres are included under forest, as are areas normally forming part of the forest area which are temporarily unstocked as a result of human intervention such as harvesting or natural causes but which are expected to revert to forest. A Party not included in Annex I may host an SSC A/R CDM project activity if it has selected and reported to the Executive Board through its designated national authority for the CDM the parameters it has chosen for the definition of “forest” to be used for the purposes of hosting A/R project activities under the CDM.

A Party not included in Annex I may host an SSC A/R CDM project activity 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

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- (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.

The selected values referred above shall be fixed for all SSC A/R CDM project activities registered prior to the end of the first commitment period.

**Fixed Crediting Period:**

See crediting period – fixed.

**Host Party:**

A Party not included in Annex I to the Convention on whose territory the A/R CDM project activity is physically located. An A/R CDM project activity located in several countries has several host Parties. At the time of registration, a Host Party shall meet the requirements for participation as defined in paragraphs 28 to 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 CDM are satisfied.

**Issuance of temporary certified emission reductions (tCERs) or of long-term certified emission reductions (ICERs):**

Issuance of ICERs or tCERs refers to the instruction by the Executive Board to the CDM registry administrator to issue a specified quantity of ICERs or tCERs for an A/R CDM project activity into the pending account of the Executive Board in the CDM registry, in accordance with paragraph 66 of the CDM modalities and procedures and sections J and K and appendix D of the A/R CDM modalities and procedures.

As per decision 14/CP.10 paragraph 1.d and 1.e. the small-scale afforestation and reforestation project activities under the clean development mechanism shall be:

- a) 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;
- b) 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.

Upon issuance of tCERs or ICERs, the CDM registry administrator shall, in accordance with paragraph 66 of the CDM modalities and procedures, promptly forward the tCERs or ICERs to the holding accounts of project participants involved, in accordance with their request, having deducted the quantity of tCERs or ICERs corresponding to the share of proceeds to cover administrative expenses for the Executive Board (keeping in view paragraph 'b' above) and to assist in meeting costs of adaptation for developing countries vulnerable to adverse impacts of climate change (keeping in view the paragraph 'a' above), respectively, in accordance with Article 12, paragraph 8, to the appropriate accounts in the CDM registry for the management of the share of proceeds.

**Leakage**

See “leakage for SSC A/R project activities”.

**Leakage for SSC A/R project activities:**

Leakage is the increase in GHG emissions by sources which occurs outside the boundary of an SSC A/R CDM project activity which is measurable and attributable to the SSC A/R CDM project activity.

**Long-term certified emission reductions (ICERs):**

A long-term certified emission reduction or ICER is a unit issued pursuant to Article 12 of the Kyoto Protocol for an A/R CDM project activity, which expires at the end of the crediting period of the A/R CDM project activity under the CDM for which it was issued. It is equal to one metric tonne of carbon dioxide equivalent.

Where project participants have chosen the ICER approach to address non-permanence, a request to the Executive Board has to be made for issuance of ICERs equal to the verified amount of net anthropogenic GHG removals by sinks achieved by the A/R CDM project activity since the previous certification.

**Measurable and attributable:**

In an operational context, the terms measurable and attributable in paragraph 51 (project boundary) of the CDM modalities and procedures should be read as “which can be measured” and “directly attributable”, respectively.

**Modalities of communication of project participants with the Executive Board:**

The modalities of communication between project participants and the Executive Board are indicated at the time of registration by submitting a statement signed by all project participants. All official communication from and to project participants, after a request for registration is submitted by a DOE, shall be handled in accordance with these modalities of communication. If these modalities have to be modified, the new statement shall be signed by all project participants and submitted in accordance with the modalities that are to be replaced.

**Monitoring of an SSC A/R CDM project activity:**

Monitoring refers to the collection and archiving of all relevant data necessary for estimating or measuring the net anthropogenic GHG removals by sinks during the crediting period. For more information on the monitoring plan, please refer to paragraph 23 to 29 of the SSC A/R CDM modalities and procedures (decision 14/CP.10).

**Monitoring methodology:**

A monitoring methodology refers to the method used by project participants for the collection and archiving of all relevant data necessary for the implementation of the monitoring plan. A "simplified baseline and monitoring methodologies for selected small-scale afforestation and reforestation CDM project activities categories" is publicly available at the UNFCCC website ([cdm.unfccc.int](http://cdm.unfccc.int)). Project participants may use the methodology for project categories, which fall under the applicability conditions of the methodology.

**Monitoring methodology - approved:**

*(See - Baseline and monitoring - simplified approved methodology)*

**Monitoring methodology - new:**

*(See - Baseline and monitoring - new methodology)*

**Monitoring plan:**

*Please see “Monitoring of an SSC A/R CDM project activity”.*

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page 14**Net anthropogenic greenhouse gas removals by sinks:**

“Net anthropogenic GHG removals by sinks” is the actual net GHG removals by sinks minus the baseline net GHG removals by sinks minus leakage.

**Operational lifetime of an SSC A/R CDM project activity:**

It is defined as the period during which the SSC A/R CDM project activity is in operation. No crediting period shall end after the end of the operational lifetime (calculated from starting date).

**Party involved:**

A Party involved is a Party that provides a written approval.

See “*Approval by Parties involved*”.

**Project activity:**

See “*SSC A/R CDM Project activity*”.

**Project boundary for SSC A/R project activities:**

The “project boundary” geographically delineates the SSC A/R CDM project activity under the control of the project participants. An SSC A/R CDM project activity may contain more than one discrete areas of land. If an SSC A/R CDM project activity contains more than one discrete area of land:

- Each discrete area of land should have a unique geographical identification;
- The boundary should be defined for each discrete area and should not include the areas in between these discrete areas of land.

**Project participants:**

In accordance with the use of the term project participant in the CDM modalities and procedures and A/R CDM modalities and procedures (applied mutatis mutandis to SSC A/R CDM project activity), a project participant is (a) a Party involved, and/or (b) a private and/or public entity authorized by a Party to participate in an SSC A/R CDM project activity.

In accordance with Appendix D of the CDM modalities and procedures, the decision on the distribution of CERs from an A/R CDM project activity shall exclusively be taken by project participants.

Project participants shall communicate with the Executive Board, through the secretariat, in writing in accordance with the “modalities of communication” as indicated at the time of registration or as subsequently altered (see “*Modalities of communication ...*” above).

If a project participant does not wish to be involved in taking decisions on the distribution of ICERs/tCERs, this shall be communicated to the Executive Board through the secretariat at the latest when the request regarding the distribution is made.

See also: “*Approval by Parties involved*”, “*Party involved*” and “*Request for distribution of ICERs or of tCERs*”.

**Renewable crediting period:**

See Crediting period – renewable.

**Reforestation:**

“Reforestation” is the direct human-induced conversion of non-forested land to forested land through planting, seeding and/or the human-induced promotion of natural seed sources, on land that was forested

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but that has been converted to non-forested land. For the first commitment period, reforestation activities will be limited to reforestation occurring on those lands that did not contain forest on 31 December 1989.

**Registration:**

Registration is the formal acceptance by the Executive Board of a validated project activity as a CDM project activity. Registration is the prerequisite for the verification, certification and issuance of CERs related to that project activity.

**Request for distribution of ICERs or of tCERs:**

The request regarding the distribution of ICERs or of tCERs can only be changed if all signatories of the previous instruction have agreed to the change and signed the appropriate document.

A change of project participants shall immediately be communicated to the Executive Board through the secretariat. The indication of change shall be signed by all project participants of the previous communication and by all new and remaining project participants. Each new project participant needs authorization, as required.

**Small-scale A/R CDM Project activity:**

A small scale A/R CDM project activity is an afforestation or reforestation measure, operation or action that aims at achieving net anthropogenic GHG removals by sinks of less than 8 kilotonnes of carbon dioxide per year if the average projected net anthropogenic GHG removals by sinks for each verification period do not exceed 8 kilotonnes of carbon dioxide per year and are developed or implemented by low income communities and individuals as determined by the host Party.

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 or long-term certified emission reductions;

The Kyoto Protocol and the CDM modalities and procedures use the term “project activity” as opposed to “project”. A small scale A/R CDM project activity could, therefore, be identical with or a component or aspect of a project undertaken or planned.

**Stakeholders:**

Stakeholders mean the public, including individuals, groups or communities affected, or likely to be affected, by the proposed SSC A/R CDM project activity or actions leading to the implementation of such an activity.

**Starting date of an SSC A/R CDM project activity:**

The starting date of an SSC A/R CDM project activity is the date at which the implementation or real action of an SSC A/R CDM project activity begins, resulting in actual net GHG removals by sinks. A CDM afforestation and reforestation project activity starting after 1 January 2000 can also be validated and registered after 31 December 2005 as long as the first verification of the project activity occurs after the date of registration of this project activity. Given that the crediting period starts at the same date as the starting date of the project activity, the projects starting 2000 onwards can accrue tCERs/ICERs as of the starting date. This clarification was provided by the Board in para 64, of the meeting report EB21 and stipulates that provisions of paragraphs 12 and 13 of decision 17/CP.7 do not apply to CDM afforestation and reforestation project activities.

**Temporary certified emission reductions (tCERs):**

A temporary certified emission reduction or tCER is a unit issued pursuant to Article 12 of the Kyoto Protocol for an SSC A/R CDM project activity under the CDM, which expires at the end of the commitment period following the one during which it was issued. It is equal to one metric tonne of carbon dioxide equivalent.

Where project participants have chosen to issue tCERs to address non-permanence, a request to the Executive Board has to be made for issuance of tCERs equal to the verified amount of net anthropogenic GHG removals by sinks achieved by the SSC A/R CDM project activity under the CDM since the start of the SSC A/R CDM project activity.

**Transparent and conservative:**

Establishing a baseline in a transparent and conservative manner (paragraph 20 (b) of the CDM A/R modalities and procedures) means that assumptions are made explicitly and choices are substantiated. In case of uncertainty regarding values of variables and parameters, the establishment of a baseline is considered conservative if the resulting projection of the baseline does not lead to an overestimation of net anthropogenic GHG removals by sinks attributable to an A/R CDM project activity (that is, in the case of doubt, values that generate a higher baseline net GHG removals by sinks shall be used).

**Permanence:**

Submit a suggestion of definition.

**Registration:**

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

**Validation:**

Validation is the process of independent evaluation of a proposed SSC A/R CDM project activity under the CDM by a designated operational entity (DOE) against the requirements of small-scale afforestation and reforestation project activities under the CDM as set out in decision 19/CP.9 and 14/CP.10, its annex and relevant decisions of the COP/MOP, on the basis of the project design document. 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 (decision 14/CP.10).

**Verification:**

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Verification is the periodic independent review and ex post determination by the DOE of the net anthropogenic GHG removals by sinks achieved, since the start of the project, by an SSC A/R CDM project activity under the CDM. Certification is the written assurance by a DOE that an SSC A/R CDM project activity under the CDM achieved the net anthropogenic GHG removals by sinks since the start of the project, as verified.

**PART II****A. Information note for Project Design Document for afforestation and reforestation project activities (CDM-SSC-AR-PDD)**

1. The CDM-SSC-AR-PDD presents information on the essential technical and organizational aspects of the small-scale afforestation or reforestation (SSC-AR) project activity and is a key input into the validation, registration, and verification of the project as required under the Kyoto Protocol to the UNFCCC. The relevant modalities and procedures are detailed in decision 17/CP.7 contained in document FCCC/CP/2001/13/Add.2, decision 19/CP.9 contained in document FCCC/CP/2003/6/Add.2) and decision 14/CP.10 contained in document FCCC/CP/2004/10/Add.2.
2. The CDM-SSC-AR-PDD contains information on the proposed SSC A/R CDM project activity, the approved baseline and monitoring methodology applied to the proposed SSC A/R CDM project activity. It discusses and justifies the choice of baseline methodology and the applied monitoring concept, including monitoring data and calculation methods.
3. Project participants should submit the completed version of the CDM-SSC-AR-PDD, together with attachments if necessary, to an accredited designated operational entity for validation. The designated operational entity then examines the adequacy of the information provided in the CDM-SSC-AR-PDD, especially whether it satisfies the relevant modalities and procedures concerning the proposed SSC-A/R CDM project activity. Based on this examination, the designated operational entity makes a decision regarding validation of the project.
4. Bearing in mind paragraph 6 of the CDM modalities and procedures<sup>6</sup>, project participants shall submit documentation that contains confidential /proprietary information in two versions:
  - a) One marked up version where all confidential/proprietary parts shall be made illegible by the project participants (e.g. by covering those parts with black ink) so that this can be made publicly available.
  - b) A second version containing all information which shall be treated as strictly confidential by all handling this documentation (DOEs/AEs, Board members and alternates, panel/committee and working group members, external experts requested to consider such documents in support of work for the Board, and the secretariat).

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<sup>6</sup> Applied mutatis mutandis in the CDM SSC A/R modalities and procedures

**B. Specific guidelines for completing the Project Design Document for small-scale afforestation and reforestation project activities (CDM-SSC-AR-PDD)****CONTENTS****PROJECT DESIGN DOCUMENT FOR SMALL-SCALE AFFORESTATION AND REFORESTATION PROJECT ACTIVITIES (CDM-SSC-AR-PDD)**

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

**Annexes**

Annex 1: Contact information on participants in the proposed small-scale A/R CDM project activity

Annex 2: Information regarding public funding



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page 20**SECTION A. General description of the proposed small-scale A/R CDM project activity:****A.1. Title of the proposed small-scale A/R CDM project activity:**

Please indicate

- The title of the small-scale A/R CDM project activity
- The version number of the document
- The date of the document.

**A.2. Description of the proposed small-scale A/R CDM project activity:**

Please include in the description:

- The purpose of the proposed small-scale A/R CDM project activity;
- The view of the project participants of the contribution of the proposed small-scale A/R CDM project activity to sustainable development (max. one page).

Please use the list of key words available on the UNFCCC CDM web site. If no suitable Key words can be identified, or if it is considered that they are insufficient, please suggest a new/news Key word(s), being guided by relevant information on the UNFCCC CDM web site.

**A.3. Project participants:**

Please list project participants and Party(ies) involved and provide contact information in Annex 1. Information shall be indicated using the following tabular format.

Name of Party involved (*) (host) indicates a host Party)	Private and/or public entity(ies) project participants (*) (as applicable)	Kindly indicate if the Party involved wishes to be considered as project participant (Yes/No)
Name A (host)	<ul style="list-style-type: none"> <li>• Private entity A</li> <li>• Public entity A ...</li> </ul>	No
Name B	<ul style="list-style-type: none"> <li>• None</li> </ul>	Yes
Name C	<ul style="list-style-type: none"> <li>• None</li> </ul>	No
...	<ul style="list-style-type: none"> <li>• ...</li> </ul>	...
(*) In accordance with the CDM A/R modalities and procedures, at the time of making the CDM-SSC-AR-PDD public at the stage of validation, a Party involved may or may not have provided its <u>approval</u> . At the time of requesting registration, the approval by the Party(ies) involved is required.		

**A.4. Technical description of the proposed small-scale A/R CDM project activity:****A.4.1. Location of the proposed small-scale A/R CDM project activity:**



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page 21**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 small-scale A/R CDM project activity:**

The “project boundary” geographically delineates the small-scale A/R CDM project activity under the control of the project participants.

The small-scale A/R CDM project activity may contain more than one discrete area of land. If a small-scale A/R CDM project activity contains more than one discrete area of land:

- Each discrete area of land should have a unique geographical identification;
- The boundary should be defined for each discrete area and should not include the areas in between these discrete areas of land.

**A.4.1.5. A description of items on present environmental conditions of the area, which include information on climate, soils, main watershed, ecosystems, and the possible presence of rare or endangered species and their habitats:**

The description of the environmental conditions of the project area should include the following elements:

- Annual precipitation (mm);
- Mean temperature (°C);
- Drought occurrence (yes/no), if yes indicate the frequency;
- Flood occurrence (yes/no), if yes indicated the frequency;
- Frost occurrence (yes/no);
- Occurrence of other extreme events (e.g tornados, fires, hurricanes, etc): For those events occurring please indicate the frequency;
- Indicate whether the type of soils is dominantly Clay (greater than 50% clay content) or Sandy (greater than 50% sand content);
- Name of the main watershed of the region;
- The type of ecosystem (grassland, cropland, wetland or other land);
- Indicate whether there are rare or endangered species present, and if yes, provide the names of these species.

**A.4.2. Species and varieties selected:**

Include the following information:

- Forest type;
- Names of exotic species;
- Type of mixed hardwood species;
- Names of the native species;
- Names of clonal offsprings;
- Names of any other species.



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GUIDELINES FOR COMPLETING CDM-SSC-AR-PDD and F-CDM-SSC-AR-SubmCDM – Version -01  
page 22**A.4.3. Specification of the greenhouse gases (GHG) whose emissions will be part of the proposed small-scale A/R CDM project activity:**

Please specify the GHGs that are expected to be emitted as a result of the implementation of the proposed small-scale A/R CDM project activity, for example, inter alia, emissions from the use of fertilisers and shifting of pre-project activities, as applicable for CDM-SSC-A/R project activities.

**A.4.4. Carbon pools selected:**

In calculating the baseline net GHG removals by sinks and/or actual net GHG removals by sinks, project participants may choose not to account for one or more carbon pools, and/or emissions of GHGs measured in units of CO<sub>2</sub> equivalents, while avoiding double counting.

Select the carbon pools that are considered in determining actual net GHG removals by sinks and baseline net GHG removals by sinks in the table below in accordance with the proposed new/approved methodology used. Note that the same carbon pools should be considered in the actual net GHG removals by sinks and the baseline net GHG removals by sinks.

Carbon pools	Selected (answer with yes or no)
Above ground	
Below ground	
Dead wood	
Litter	
Soil organic carbon	

**A.4.5. Assessment of the eligibility of land:**

Please use the “Procedures to define the eligibility of lands for afforestation and reforestation project activities”, as contained in Annex 16 of the EB22 report.  
([http://cdm.unfccc.int/EB/Meetings/022/eb22\\_repan16.pdf](http://cdm.unfccc.int/EB/Meetings/022/eb22_repan16.pdf))

**A.4.6. A description of the legal title to the land, current land tenure and land use and rights of access to the sequestered carbon: (This description should include the following information: whether all carbon pools in a given piece of land are owned by the same person/institution).**

This description should include the following information:

- The name of the property
- Information how long is the land in the hands of the current owner
- How many people live within the boundary of the project activity
- Whether the project includes a cooperative of small landowners
- Whether the legal title to the land is in the name of the project participant
- Whether all carbon pools in a given piece of land are owned by the same person/institution
- Whether carbon pools are included in the legal title or not



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For the last two elements please provide clarification according to the legislation on land tenure and land use rights applicable in the host country

- A description of the current land use (Species of crops or trees plant, pasture, etc)

**A.4.7. Type(s) of small-scale A/R CDM project activity:**

Please use the list of types of SSC A/R CDM project activities and of registered SSC A/R CDM project activities by type available on the UNFCCC CDM web site (decision 14/CP.10), please specify the type(s) of SSC A/R CDM project activities into which the proposed SSC A/R CDM project activity falls. If no suitable type(s) of SSC A/R CDM project activities can be identified, please suggest a new type(s) descriptor and its definition, being guided by relevant information on the UNFCCC CDM web site.

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

This section should include a description of the environmentally safe and sound technologies and know-how which will be employed by the project, specifying, if any, those to be transferred to the host Party(ies).

**A.4.9. Approach for addressing non-permanence:**

In accordance with paragraph 21 and section C of the small-scale CDM A/R modalities and procedures, please specify which of the following approaches to address non-permanence has been selected:

- Issuance of tCERs
- Issuance of ICERs

**A.4.10. Duration of the proposed SSC A/R CDM project activity / Crediting period:****A.4.10.1. Starting date of the proposed SSC A/R CDM project activity and of the (first) crediting period, including a justification:**

The crediting period shall begin at the start of the small-scale A/R CDM project activity under the CDM. The starting date of a SSC A/R CDM project activity is the date on which the implementation or real action of a small-scale A/R CDM project activity begins, resulting in actual net GHG removals by sinks.

**A.4.10.2 Expected operational lifetime of the proposed small-scale A/R CDM project activity:**

Please state the expected operational lifetime of the proposed small-scale A/R CDM project activity in years and months as appropriate.



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page 24**A.4.10.3 Choice of crediting period and related information:**

Please state whether the proposed small-scale A/R CDM project activity will use a renewable or a fixed crediting period and complete A.4.10.3.1 or A.4.10.3.2 accordingly. A.4.10.3.1 and A.4.10.3.2 are mutually exclusive – please select only one of them.  
Note that the crediting period may only start after the date of registration of the proposed small-scale A/R CDM project activity.

**A.4.10.3.1 Renewable crediting period, if selected:**

Each crediting period shall be a maximum of twenty (20) years and may be renewed at most two times, provided that, for each renewal, a designated operational entity 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.

Please state the length of the crediting period in years and months as appropriate

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

Please state the dates in the following format: (DD/MM/YYYY).

**A.4.10.3.1.2. Length of the first crediting period:**

Please state the length of the first crediting period in years and months

**A.4.10.3.2. Fixed crediting period, if selected:**

Fixed crediting period shall be at most thirty (30) years. Please state the length of the crediting period in years and months.

**A.4.10.3.2 .1. Starting date:**

Please state the dates in the following format: (DD/MM/YYYY).

**A.4.10.3.2.2. Length:**

Please state the length of the crediting period in years and months .

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

Please briefly explain how net anthropogenic GHG removals by sinks are to be achieved (detail to be provided in section B) and provide the estimate of the anticipated total net anthropogenic GHG removals by sinks in tonnes of CO<sub>2</sub> equivalent as determined in section C .  
This section should provide a summary of section B.3 and have a max. length of one page .



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GUIDELINES FOR COMPLETING CDM-SSC-AR-PDD and F-CDM-SSC-AR-SubmCDM – Version -01  
page 25**A.4.11.1. Estimated amount of net anthropogenic GHG removals by sinks over the chosen crediting period:**

Please provide the total estimation of net anthropogenic GHG removals by sinks as well as annual estimates for the chosen crediting period. Information on the net anthropogenic GHG removals by sinks shall be indicated using the following tabular format.	
Years	Annual estimation of net anthropogenic GHG removals by sinks in tonnes of CO <sub>2</sub> e
Year A	
Year B	
Year C	
Year ...	
<b>Total estimated net anthropogenic GHG removals by sinks (tonnes of CO<sub>2</sub> e)</b>	
<b>Total number of crediting years</b>	
<b>Annual average over the crediting period of estimated net anthropogenic GHG removals by sinks (tonnes of CO<sub>2</sub>e)</b>	

**A.4.12. Public funding of the proposed small-scale A/R CDM project activity:**

In case public funding from Parties included in Annex I is involved, please provide in Annex 2 information on sources of public funding for the project activity from Parties included in Annex I 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.

**A.4.12.1 Confirmation that the small-scale A/R CDM project activity is not a debundled component of a larger project activity:**

The project activity shall not be a debundled component of a larger project activity, as determined through Appendix C of simplified modalities and procedure for small-scale afforestation and reforestation project activities under CDM.

**SECTION B. Application of a baseline and monitoring methodology:**

A "simplified baseline and monitoring methodologies for selected small-scale afforestation and reforestation CDM project activities categories" in the Appendix B of simplified modalities and procedure for small-scale A/R project activities under CDM. Project participants may use the methodology for project categories, which fall under the applicability conditions of the methodology.



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GUIDELINES FOR COMPLETING CDM-SSC-AR-PDD and F-CDM-SSC-AR-SubmCDM – Version -01  
page 26**B.1. Title and reference of the approved baseline and monitoring methodology applied to the proposed small-scale A/R CDM project activity:**

Please refer to the UNFCCC CDM web site (Appendix B of simplified modalities and procedure for small-scale A/R project activities under CDM) for the title and reference list as well as the details of approved baseline and monitoring methodologies.

**B.2.. Justification of the applicability of the proposed small-scale A/R CDM project activity to the baseline and monitoring methodology:**

Please justify the choice of methodology by showing that the proposed small-scale A/R CDM project activity meets the applicability conditions under which the methodology is applicable.

**B. 3. Application of baseline methodology to the proposed small-scale A/R CDM project activity:**

Apply the methodology in the context of the project activity: Please explain the basic assumptions of the baseline methodology in the context of the project activity. Provide the key information and data used to determine the baseline scenario (variables, parameters, data sources etc.) in table form.

**B.3.1. Description of how the actual net GHG removals by sinks are increased above those that would have occurred in the absence of the registered small-scale A/R CDM project activity:**

Explanation of how and why this project is additional and therefore not the baseline scenario in accordance with the selected baseline methodology. Include 1) a description of the baseline scenario determined by applying the methodology, 2) a description of the project scenario, and 3) an analysis showing why the baseline net GHG removals by sinks scenario would likely lie below actual net GHG removals by sinks in the project scenario. Removals in the actual net have to be human induced, thus anthropogenic.

**B.3.2. Detailed baseline information, including the date of completion of the baseline study and the name of person(s)/entity(ies) determining the baseline:**

Describe how the methodology is applied in the context of the project activity: Please explain the basic assumptions of the baseline methodology in the context of the project activity. Provide the key information and data used to determine the baseline scenario (variables, parameters, data sources etc.) in table form.

Please provide date of completion in *DD/MM/YYYY*.

Please provide contact information and indicate if the person/entity is also a project participant listed in Annex 1.

**B.4. Application of monitoring methodology and plan to the small-scale A/R CDM project activity:**

This section shall provide a detailed description of the monitoring plan, including an identification of the data and its quality with regard to accuracy, comparability, completeness and validity, taking into consideration any guidance contained in the methodology.



The monitoring plan needs to provide detailed information related to the collection and archiving of all relevant data needed to

- estimate or measure verifiable changes in carbon stocks in the carbon pools and the emissions of GHG occurring within the project boundary,
- and
- identify increased emissions outside the project boundary.

The monitoring plan should reflect good monitoring practice appropriate to the type of small-scale A/R CDM project activity. The plan should follow the instructions and steps defined in the approved monitoring methodology. Project participants shall implement the registered monitoring plan and provide data, in accordance with the plan, through their monitoring report.

Please note that data monitored and required for verification and issuance are to be kept for two years after the end of the (last) crediting period.

Please fill the section below in accordance with the approved monitoring methodology selected.

#### **B.4.1. Data to be monitored: Monitoring of the actual net GHG removals by sinks and leakage:**

The table in the CDM-SSC-AR-PDD form specifies the minimum information to be provided for monitored data. Please complete the table for the monitoring methodology chosen for the proposed project activity from the simplified monitoring methodologies for the applicable small-scale A/R CDM project activity category contained in Appendix B of the simplified modalities and procedures for small-scale A/R CDM project activities.

##### **B.4.1.1. Actual net GHG removals by sinks data:**

##### **B.4.1.1.1 Data to be collected or used in order to monitor the verifiable changes in carbon stock in the carbon pools within the project boundary resulting from the proposed small-scale A/R CDM project activity, and how this data will be archived:**

Monitored data shall be archived for 2 years following the end of the (last) crediting period.

Header of tables and titles of columns shall not be modified and columns shall not be deleted. Please add rows to the table below, as needed.

##### **B.4.1.2 Data for treatment of leakage (if applicable):**

Please indicate if leakage will be directly or indirectly monitored. If leakage is not monitored during the implementation of the proposed small-scale A/R CDM project activity, please explain rationale behind it. Please state if not applicable.

##### **B.4.1.2.1. If applicable, please describe the data and information that will be collected in order to monitor leakage of the proposed small-scale A/R CDM project activity:**

Monitored data shall be archived for 2 years following the end of the (last) crediting period.



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Header of tables and titles of columns shall not be modified and columns shall not be deleted.  
Please add rows to the table below, as needed.

**B.4.2. Qualitative explanation of how quality control (QC) and quality assurance (QA) procedures are undertaken:**

Please refer to the monitoring methodology and Refer to data items in tables contained in sections B.4.1.1.1 and B.4.1.2.1 of Draft\_CDM\_SSC\_AR-PDD, as applicable.

**B.4.3. Please describe briefly the operational and management structure(s) that the project operator will implement in order to monitor actual GHG removals by sinks by the proposed small-scale A/R CDM project activity:****B.4.4. Name of person/entity determining the monitoring methodology:**

Please provide contact information and indicate if the person/entity is also a project participant listed in Annex 1 of this document.

**SECTION C. Estimation of net anthropogenic GHG removals by sinks:**

Please fill section C. following the selected baseline and monitoring methodologies.

**C.1. Formulae used:**

Please provide the formula used to calculate the GHG removal by sinks in accordance with the applicable project category of small-scale A/R CDM project activities contained in Appendix B of the simplified modalities and procedures for small-scale A/R CDM project activities. Describe the calculation of GHG removal by sinks in accordance with the formula specified for the applicable project category of small-scale A/R CDM project activities contained in Appendix B of the simplified modalities and procedures for small-scale CDM project activities.

**C. 1.1. Description of formulae used for estimation of the actual net GHG removals by sinks due to the project activity within the project boundary:**

Formulae and/or models should be consistent with the formulae and/or models outlined in the description of the baseline methodology.

**C. 1.2. Description of formulae used to estimate leakage due to the project activity, where required, for the applicable project category in appendix B of the simplified modalities and procedures for small-scale A/R CDM project activities under CDM:**

Formulae and/or models should be consistent with the formulae and/or models outlined in the description of the baseline methodology.



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**C. 1.3. Description of formulae used to estimate net anthropogenic GHG removals by sinks, for the applicable project category in appendix B of the simplified modalities and procedures for small-scale A/R CDM project activities under CDM:**

Formulae and/or models should be consistent with the formulae and/or models outlined in the description of the baseline and monitoring methodology.

**C.2. Estimate of the actual net GHG removals by sinks:**

Please provide estimated sum of verifiable changes in carbon stocks attributable to the implementation of the proposed small-scale A/R CDM project activity within the project boundary.

**C.3. Estimated baseline net GHG removals by sinks:**

Estimates should be given for each carbon pool, source, in units of CO<sub>2</sub> equivalent.

**C.4. Estimated leakage:**

If applicable, please provide estimate of any leakage, defined as: the increase of anthropogenic emissions by sources of GHG which occurs outside the project boundary, and that is measurable and attributable to the proposed small-scale A/R CDM project activity. Estimates should be given for each gas, source, in units of CO<sub>2</sub> equivalent. Please state if not applicable as per the modalities and procedure for small-scale A/R project activities under CDM.

**C.5. The sum of C.2. minus C.3. minus C.4. representing the net anthropogenic GHG removals by sinks of the proposed small-scale A/R CDM project activity:**



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## C.6. Table providing values obtained when applying formulae above:

The result of the application of the formulae above shall be indicated using the following tabular format.				
Year	Estimation of baseline net GHG removals by sinks (tonnes of CO <sub>2</sub> e)	Estimation of actual net GHG removals by sinks (tonnes of CO <sub>2</sub> e)	Estimation of leakage (tonnes of CO <sub>2</sub> e)	Estimation of net anthropogenic GHG removals by sinks (tonnes of CO <sub>2</sub> e)
Year A				
Year B				
Year C				
Year ...				
<b>Total</b> (tonnes of CO <sub>2</sub> e)				

**SECTION D. Environmental impacts of the proposed small-scale A/R CDM project activity:**

**D.1. If any negative impact is considered significant by the project participants or the host Parties, 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:**

If applicable, please provide a short summary and attach documentation. to the CDM-SSC-AR-PDD.

**SECTION E. Socio-economic impacts of the proposed small-scale A/R CDM project activity:**

**E.1. 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 assessment, in accordance with the procedures required by the host Party, including conclusions and all references to support documentation:**

If applicable, please provide a short summary and attach documentation. to the CDM-SSC-AR-PDD.

**SECTION F. Stakeholders' comments:**

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

Please describe the process by which comments by local stakeholders have been invited and compiled. An invitation for comments by local stakeholders shall be made in an open and transparent manner, in a way that facilitates comments to be received from local stakeholders and



allows for a reasonable time for comments to be submitted. In this regard, project participants shall describe an small-scale A/R CDM project activity in a manner which allows the local stakeholders to understand the proposed small-scale A/R CDM project activity, taking into account confidentiality provisions of the CDM modalities and procedures.

**F.2. Summary of the comments received:**

Please identify stakeholders that have made comments and provide a summary of these comments.

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

Please explain how due account have been taken of comments received from stakeholders.

**Annex 1****CONTACT INFORMATION ON PARTICIPANTS IN THE PROPOSED SMALL-SCALE A/R CDM PROJECT ACTIVITY**

Please copy and paste table as needed. Please fill for each organisation listed in section A.3 the following mandatory fields: Organization, Name of contact person, Street, City, Postfix/ZIP, Country, Telephone and Fax or e-mail.

**Annex 2****INFORMATION REGARDING PUBLIC FUNDING**

Please provide information from Parties included in Annex I on sources of public funding for the proposed small-scale A/R CDM project activity 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

**PART III****A. General Information on the form to submit proposals of changes to the simplified baseline and monitoring methodologies specified in Appendix B or propose additional project categories for consideration by the Executive Board**

In accordance with paragraph 8 of the simplified modalities and procedures project participants involved in small-scale CDM project activities may propose changes to the simplified baseline and monitoring methodologies specified in Appendix B to the simplified modalities and procedures or propose additional small-scale project categories for consideration by the Executive Board.

A downloadable form (F-CDM-SSC-AR-Subm) shall be used for submitting queries or proposals to be considered by the Executive Board through the working group to assist the Executive Board in reviewing proposed methodologies and project categories for small-scale A/R CDM project activities (SSC WG). The following instructions apply:

- 1) Use one form for each submission;
- 2) If a new Project Category is proposed, it shall be presented using the same format as the approved ones;
- 3) The submissions will be considered by the SSC-WG in its next meeting, if presented at least four weeks in advance.

Given that the four types of eligible small-scale A/R project activities are mutually exclusive, project participants submitting a new category of projects shall first consider whether it belongs to type I (grassland to forestland) or type II (Cropland to forestland) and if not eligible under the two previous types, type III (wetland to forestland) and type III (settlement to forestland). For information regarding deliberations of the SSC WG please refer to the section on panels / working groups of the UNFCCC CDM web site (<http://unfccc.int/cdm>).

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