



Annex 1

**DRAFT GUIDELINES FOR USERS OF THE
JOINT IMPLEMENTATION PROJECT DESIGN DOCUMENT FORM (JI PDD)****Note by the secretariat**

1. At its first meeting, the JISC agreed on a draft joint implementation project design document form as contained in annex 2 to the report of the meeting.
2. In paragraph 2 (e) of decision 10/CMP.1 the COP/MOP requests the JISC to “develop, as soon as possible, guidelines for users, inter alia, of the joint implementation project design document, drawing on guidelines developed by the Executive Board of the clean development mechanism, where appropriate”.
3. On request by the JISC the secretariat prepared draft guidelines for users of the JI PDD agreed on at the first JISC meeting.
4. The draft guidelines for users of the JI PDD were prepared on the basis of the “Guidelines for completing the project design document (CDM-PDD), the proposed new methodology: baseline (CDM-NMB) and the proposed new methodology: monitoring (CDM-NMM)” (version 04) modified in accordance with JI specific requirements as well as inputs by JISC members selected at the first JISC meeting.



**GUIDELINES FOR USERS OF THE
JOINT IMPLEMENTATION PROJECT DESIGN DOCUMENT FORM (JI PDD)**

Version 01

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PART I

**A. General information on the
joint implementation project design document form (JI PDD)**

1. These guidelines seek to assist users of the joint implementation project design document form (JI PDD).
2. The JI PDD was elaborated by the Joint Implementation Supervisory Committee (JISC) in conformity with decisions 16/CP.7 and 10/CMP.1 as well as the guidelines for the implementation of Article 6 of the Kyoto Protocol as contained in decision 9/CMP.1 and the annex thereto (hereinafter referred to as JI guidelines).
3. If project participants wish to submit a project design document to an accredited independent entity (AIE) under the verification procedure under the JISC as defined in paragraphs 30 - 45 of the JI guidelines, they shall submit a fully completed JI PDD.
4. The JI PDD may be obtained electronically from the JI section of the UNFCCC website (<http://ji.unfccc.int/>), by e-mail (ji-info@unfccc.int) or in printed format from the UNFCCC secretariat (fax: (49-228) 815-1999).
5. Terms, which are underlined with a broken line in the JI PDD, are explained in the “Glossary of JI terms” which is included in these guidelines. It is strongly recommended that users of the JI PDD consult the most recent version of the “Glossary of JI terms” before or during the completion of the form.
6. Project participants should also consult the section “Guidance - clarifications” of the JI section of the UNFCCC website (<http://ji.unfccc.int/>). Its contents may also be obtained from the UNFCCC secretariat (email: ji-info@unfccc.int, fax: (49-228) 815-1999).
7. The JISC may revise the JI PDD, if necessary. Revisions come into effect once adopted by the JISC, bearing in mind the provisions below.
8. Revisions of the JI PDD do not affect projects the project design document of which
 - a. has already been used as the basis for the determination by an AIE, or
 - b. has already been submitted to an AIE for determination prior to the adoption of the revised JI PDD, or
 - c. is submitted to an AIE within a month following the adoption of the revised JI PDD.
9. The JISC will not accept documentation using the previous version of the JI PDD six months after the adoption of a new version.
10. In accordance with the JI guidelines, the working language of the JISC is English. The JI PDD shall therefore be completed and submitted in English language.



11. The JI PDD shall not be altered. It shall be completed without modifying/adding headings or logo, format or font. Tables and their columns shall not be modified or deleted. Rows may be added, as needed.
12. The completed JI PDD shall include in section A.1. the version number and the date of the document.
13. If sections of the JI PDD are not applicable, it shall be explicitly stated that the section is left blank on purpose.
14. This JI PDD is not applicable to land-use, land-use change and forestry (LULUCF) JI projects.



B. Glossary of JI terms

Joint implementation (JI) means the mechanism referred to in Article 6 of the Kyoto Protocol. “For the purpose of meeting its commitments under Article¹ 3, any Party² included in Annex I may transfer to, or acquire from, any other such Party emission reduction units resulting from projects aimed at reducing anthropogenic emissions by sources or enhancing anthropogenic removals by sinks of greenhouse gases in any sector of the economy, provided that:

- (a) Any such project has the approval of the Parties involved;
- (b) Any such project provides a reduction in emissions by sources, or an enhancement of removals by sinks, that is additional to any that would otherwise occur;
- (c) It does not acquire any emission reduction units if it is not in compliance with its obligations under Articles 5 and 7; and
- (d) The acquisition of emission reduction units shall be supplemental to domestic actions for the purposes of meeting commitments under Article 3.”³

At its seventh session, the Conference of the Parties (COP), by adopting decision 16/CP.7, recommended to the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol (COP/MOP) to adopt, at its first session, a decision on guidelines for the implementation of Article 6 of the Kyoto Protocol. Accordingly, the COP/MOP, at its first session, adopted decision 9/CMP.1.

The following glossary of JI terms shall facilitate the completion of the JI PDD.

Terms in alphabetical order

Accredited independent entity (AIE)

An accredited independent entity is an entity accredited by the JISC in accordance with standards and procedures contained in appendix A of the JI guidelines. Under the verification procedure under the JISC, defined in paragraphs 30 - 45 of the JI guidelines, an AIE is responsible for the determination of whether a project and the ensuing reductions of anthropogenic emissions by sources or enhancements of anthropogenic removals by sinks meet the relevant requirements of Article 6 of the Kyoto Protocol and the JI guidelines.

¹ In this glossary, the term “Article” refers to an Article of the Kyoto Protocol to the United Nations Framework Convention on Climate Change (UNFCCC), unless the context otherwise indicates.

² In this glossary, the term “Party” means, unless the context otherwise indicates, a Party to the Kyoto Protocol. “Party included in Annex I” (also “Annex I Party”) means a Party which is included in Annex I to the UNFCCC, as may be amended, or a Party which has made a notification under Article 4, paragraph 2 (g), of the UNFCCC, and which has ratified the Kyoto Protocol.

³ Article 6, paragraph 1 of the Kyoto Protocol.



Paragraph 3 of decision 10/CMP.1 stipulates:

- Designated operational entities under the clean development mechanism may act provisionally as accredited independent entities under Article 6 until the Joint Implementation Supervisory Committee has approved its procedures for accreditation;
- Those designated operational entities that apply for accreditation under the approved procedures for accreditation may continue to act provisionally as accredited independent entities until a final accreditation decision is taken;
- The determinations and relevant activities undertaken under these provisions shall be valid only after the accreditation of the independent entity is finalized.

“Attributable”:

See “*measurable and attributable*”.

Authorization of a legal entity to participate in a JI project:

See “*project approval by the Parties involved*”.

Baseline:

See “*baseline scenario*”.

Baseline methodology:

A baseline methodology is the method used to define the baseline of a project.

According to paragraph 4 (a) of decision 10/CMP.1 methodologies for baselines and monitoring, including methodologies for small-scale project activities, approved by the executive board of the clean development mechanism, may be applied by project participants under joint implementation, as appropriate. Baseline methodologies approved by the executive board are publicly available along with relevant guidance on the UNFCCC CDM website (<http://unfccc.int/cdm>) or through a written request sent via email (cdm-info@unfccc.int) or fax ((49-228) 815-1999).

Baseline scenario:

The baseline for a JI project is the scenario that reasonably represents the anthropogenic emissions by sources or anthropogenic removals by sinks of greenhouse gases that would occur in the absence of the proposed project. A baseline shall cover emissions from all gases, sectors and source categories listed in Annex A of the Kyoto Protocol, and anthropogenic removals by sinks, within the project boundary.

A baseline shall be established:

- (a) On a project-specific basis and/or using a multi-project emission factor;
- (b) In a transparent manner with regard to the choice of approaches, assumptions, methodologies, parameters, data sources and key factors;
- (c) Taking into account relevant national and/or sectoral policies and circumstances, such as sectoral reform initiatives, local fuel availability, power sector expansion plans, and the economic situation in the project sector;
- (d) In such a way that ERUs cannot be earned for decreases in activity levels outside the project activity or due to *force majeure*;



(e) Taking account of uncertainties and using conservative assumptions.

Project participants shall justify their choice of baseline.

These criteria for baseline setting are listed in appendix B of the JI guidelines. According to paragraph 3 (d) of the JI guidelines the JISC is responsible for the review and revision of reporting guidelines and criteria for baselines and monitoring in appendix B of the JI guidelines, for consideration by the COP/MOP, giving consideration to relevant work of the executive board of the CDM, as appropriate. Moreover, paragraph 2 (f) of decision 10/CMP.1 stipulates that the JISC shall develop, as soon as possible, guidance with regard to appendix B of the JI guidelines, including provisions for small-scale projects as defined in paragraph 6 (c) of decision 17/CP.7, as appropriate. The work of the JISC in this context shall be taken into account when setting a baseline for a particular project.

Confidential/proprietary information:

In accordance with paragraph 40 of the JI guidelines, information obtained from 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 applicable national law of the host Party. Information used to determine whether reductions in anthropogenic emissions by sources or enhancements of anthropogenic removals by sinks are additional, to describe the baseline methodology and its application, and to support an environmental impact assessment referred to in paragraph 33 (d) of the JI guidelines, shall not be considered as proprietary or confidential.

Crediting period:

The crediting period for a JI project is the period for which reductions in anthropogenic emissions by sources or enhancements of anthropogenic removals by sinks may be determined by an AIE.

Projects starting as of the year 2000 may be eligible as JI projects if they meet the requirements of the JI guidelines. ERUs shall only be issued for a crediting period starting after the beginning of the year 2008. The project participants shall choose the starting date of the crediting period to be after the date the first emission reductions are generated by the JI project. The crediting period shall not extend beyond the operational lifetime of the project.

Determination

Under the verification procedure under the JISC defined in paragraphs 30 - 45 of the JI guidelines an AIE is responsible for the determination of whether a project and the ensuing reductions of anthropogenic emissions by sources or enhancements of anthropogenic removals by sinks meet the relevant requirements of Article 6 of the Kyoto Protocol and the JI guidelines.

Emission Reduction Units (ERUs)

An emission reduction unit or ERU is a unit issued pursuant to the relevant provisions in the annex to decision 13/CMP.1 and is equal to one metric tonne of carbon dioxide equivalent, calculated using global warming potentials defined by decision 2/CP.3 or as subsequently revised in accordance with Article 5 of the Kyoto Protocol.

Host Party:

A host Party is the Party on the territory of which the JI project is physically located. A project located in several countries has several host Parties.

**Leakage:**

Leakage is defined as the net change of anthropogenic emissions by sources and/or removals by sinks of greenhouse gases which occurs outside the project boundary, and that is measurable and attributable to the JI project.

Measurable and attributable:

In an operational context, the terms “that is measurable and attributable” in paragraph 4 (f) of appendix B of the JI guidelines should be read as “that can be measured and is directly attributable”.

Monitoring methodology:

A monitoring methodology is the method used for the collection and archiving of monitoring data and described in the monitoring plan.

According to paragraph 4 (a) of decision 10/CMP.1 methodologies for baselines and monitoring, including methodologies for small-scale project activities, approved by the executive board of the clean development mechanism, may be applied by project participants under joint implementation, as appropriate. Monitoring methodologies approved by the executive board are publicly available along with relevant guidance on the UNFCCC CDM website (<http://unfccc.int/cdm>) or through a written request sent via email (cdm-info@unfccc.int) or fax ((49-228) 815-1999).

Monitoring:

Monitoring refers to the collection and archiving of all relevant data necessary for

- estimating or measuring anthropogenic emissions by sources and/or anthropogenic removals by sinks of greenhouse gases occurring within the project boundary during the crediting period and
- determining the baseline of anthropogenic emissions by sources and/or anthropogenic removals by sinks of greenhouse gases within the project boundary during the crediting period, as well as

the identification of all potential sources of, and the collection and archiving of data on increased anthropogenic emissions by sources and/or reduced anthropogenic removals by sinks of greenhouse gases outside the project boundary that are significant and reasonably attributable to the project during the crediting period.

Operational lifetime of a project:

The operational lifetime of a project is the period during which the project is in operation. The crediting period shall not extend beyond the operational lifetime of the project.

Project:

A project is a measure, operation or action that aims at reducing anthropogenic emissions by sources or enhancing anthropogenic removals by sinks of greenhouse gases.



Project approval by the Parties involved:

According to paragraph 20 of the JI guidelines, a “Party involved in an Article 6 project shall inform the secretariat of:

- (a) Its designated focal point for approving projects pursuant to Article 6, paragraph 1(a);
- (b) Its national guidelines and procedures for approving Article 6 projects, including the consideration of stakeholders’ comments, as well as monitoring and verification.”

Paragraph 31 of the JI guidelines stipulates that project participants shall submit to an AIE a project design document that contains all information needed for the determination of whether the project has been approved by the Parties involved.

Unconditional written approvals by the Parties involved should be attached to the JI PDD.

Such written approval constitutes the authorization by a designated focal point of a specific legal entity to participate in the specific JI project.

The approval covers the requirements of (sub-) paragraphs 29 and 31 (a) of the JI guidelines.

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

In the case of multilateral funds, a written approval from each participant’s designated focal point is not necessarily required. However, if a written approval is not provided rights and privileges in terms of being a Party involved may be given up.

Project boundary:

The project boundary shall encompass all anthropogenic emissions by sources and/or removals by sinks of greenhouse gases under the control of the project participants that are significant and reasonably attributable to the JI project.

Project participant:

In accordance with the use of the term “project participant” in the JI guidelines, a project participant is (a) a Party involved, or (b) a legal entity authorized by a Party involved to participate in the JI project.

Stakeholders:

The term “stakeholders” means the public, including individuals, groups or communities affected, or likely to be affected, by the project.

Starting date of a JI project:

The starting date of a JI project is the date on which the implementation or construction or real action of the project begins. Projects starting as of the year 2000 may be eligible as JI projects if they meet the requirements of the JI guidelines. ERUs shall only be issued for a crediting period starting after the beginning of the year 2008.

**PART II****A. Information note for the joint implementation project design document form (JI PDD)**

1. The completed JI PDD presents information on the essential technical and organisational aspects of a project and is a key input for determinations regarding the project under the verification procedure under the JISC as defined in paragraphs 30 - 45 of the JI guidelines.
2. The completed JI PDD contains information on the project, and the baseline as well as the monitoring plan chosen. It describes and justifies the choice of the baseline and the monitoring plan.
3. The project participants shall submit the completed JI PDD, together with attachments, if necessary, to an accredited independent entity (AIE) for determination. The AIE then examines the adequacy of the information provided in the JI PDD, especially whether it satisfies the relevant provisions of the JI guidelines. Based on this examination, the AIE makes a determination regarding the project.
4. Bearing in mind paragraph 40 of the JI guidelines, project participants shall submit documentation that contains confidential/proprietary information in two versions:
 - One marked up version where all confidential/proprietary parts have been made illegible by the project participants (e.g. by covering those parts with black ink) so that it can be made publicly available;
 - A second version containing all information, i.e. including parts which shall be treated as strictly confidential by all handling this documentation (AIEs, JISC members and alternate members, panel, subcommittee and working group members, external experts requested to consider such documents in support of the work of the JISC, and the secretariat, as applicable).



B. Specific guidelines for users of the joint implementation project design document form (JI PDD)

**CONTENTS OF THE
JOINT IMPLEMENTATION PROJECT DESIGN DOCUMENT FORM (JI PDD)**

- A. General description of the project
- B. Setting of the baseline
- C. Duration of the project / Crediting period
- D. Setting of the monitoring plan
- E. Estimation of GHG emission reductions
- F. Environmental impacts
- G. Information on stakeholders' comments, as appropriate

Annexes

Annex 1: Contact information on participants in the project

Annex 2: Baseline information

Annex 3: Monitoring plan



SECTION A. General description of the project

A.1. Title of the project:

Please indicate:
 - The title of the project;
 - The version number of the document;
 - The date of the document.

A.2. Description of the project:

Please include in the description the purpose of the project.

A.3. Project participants:

Please list <u>project participants</u> and Parties involved and provide contact information in annex 1. Information shall be indicated using the following tabular format.		
Party involved *	Legal entity <u>project participant</u> (as applicable)	Kindly indicate if the Party involved wishes to be considered as <u>project participant</u> (Yes/No)
Party A	<ul style="list-style-type: none"> • Legal entity A1 • Legal entity A2 • ... 	Yes/No
Party B	<ul style="list-style-type: none"> • Legal entity B1 • Legal entity B2 • ... 	Yes/No
...	<ul style="list-style-type: none"> •

* Please indicate if the Party involved is a host Party.

A.4. Technical description of the project:

A.4.1. Location of the project:

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 physical location, including information allowing the unique identification of the project (maximum one page):

Please fill in the field and do not exceed one page.

A.4.2. Technology to be employed by the project:



A.4.3. Brief explanation of how the anthropogenic emissions of anthropogenic greenhouse gas (GHG) by sources are to be reduced by the proposed JI project, including why the emission reductions would not occur in the absence of the proposed project, taking into account national and/or sectoral policies and circumstances:

Please explain briefly how anthropogenic greenhouse gas (GHG) emission reductions are to be achieved (details to be provided in section B.) and provide the estimate(s) of anticipated total reductions in tonnes of CO₂ equivalent as determined in section E. Max. length: one page.

A.4.3.1. Estimated amount of emission reductions over the crediting period:

Please indicate the length of the crediting period and the length of the period within which emission reduction units are to be earned and provide estimates of total as well as annual emission reductions. Information shall be indicated using the following tabular format.

	Years
Length of the period within which <u>emission reduction units</u> are to be earned	
Length of the <u>crediting period</u>	
Year	Estimate of annual emission reductions in tonnes of CO ₂ equ.
Year A	
Year B	
Year ...	
Total estimated emission reductions over the period within which <u>emission reduction units</u> are to be earned (tonnes of CO ₂ equ.)	
Total estimated emission reductions over the <u>crediting period</u> (tonnes of CO ₂ equ.)	
Annual average of estimated emission reductions over the <u>crediting period</u> /period within which <u>emission reduction units</u> are to be earned (tonnes of CO ₂ equ.)	

A.5. Project approval by the Parties involved:

Written approvals by the Parties involved should be attached.

SECTION B. Setting of the baseline

Please note that annex 2 (baseline information) should be prepared in parallel to completing the remainder of this section.



B.1. Description and justification of the baseline chosen:

If an approved CDM baseline methodology is used, the following steps should be adhered to:

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

Please refer to the UNFCCC CDM website for the title and reference list as well as the details of approved baseline methodologies.

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

Please justify the choice of methodology by showing that the proposed project meets the applicability conditions of the methodology.

3. Description of how the methodology is applied in the context of the project

Please explain the basic assumptions of the baseline methodology in the context of the project and show that the key methodological steps are followed in determining the baseline scenario. Provide the key information and data used to determine the baseline scenario (variables, parameters, data sources etc.) in table form.

B.2. Description of how the anthropogenic emissions of GHG by sources are reduced below those that would have occurred in the absence of the JI project:

Please explain how and why the project is additional and therefore not the baseline scenario. Include (a) a description of the baseline scenario, (b) a description of the project scenario, and (c) an analysis showing why the emissions in the baseline scenario would likely exceed the emissions in the project scenario.

If an approved CDM baseline methodology is used, all explanations, descriptions, and analyses shall refer to the selected methodology.

B.3. Description of how the definition of the project boundary (related to the baseline methodology selected) is applied to the project:

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

Please attach detailed baseline information in annex 2.
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.

SECTION C. Duration of the project / Crediting period

C.1. Duration of the project:

C.1.1. Starting date of the project:

The starting date of a JI project is the date on which the implementation or construction or real action of the project begins.



Projects starting as of the year 2000 may be eligible as JI projects if they meet the requirements of the JI guidelines. ERUs shall only be issued for a crediting period starting after the beginning of the year 2008.

C.1.2. Expected operational lifetime of the project:

Please state the expected operational lifetime of the project in years and months.

C.2. Length of the period within which emission reduction units are to be earned:

Please state the length of the period within which emission reduction units are to be earned as well as the length of the crediting period in years and months.

Please note that projects starting as of the year 2000 may be eligible as JI projects if they meet the requirements of the JI guidelines. ERUs shall only be issued for a crediting period starting after the beginning of the year 2008.

SECTION D. Setting of the monitoring plan

This section shall provide a detailed description of the monitoring plan, which is to be attached in annex 3.

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

- estimating or measuring project emissions,
- determining baseline emissions, and
- assessing leakage effects.

The monitoring plan should reflect good monitoring practice appropriate to the project type. Project participants shall implement the determined monitoring plan and provide data in accordance with the plan through their monitoring report.

Please note that data monitored and required for determination are to be kept for two years after the last transfer of ERUs for this project.

If a national or international monitoring standard has to be applied to monitor certain aspects of the project, please identify this standard and provide a reference as to where a detailed description of the standard can be found.

If an approved CDM monitoring methodology is used, any guidance contained in the methodology shall be taken into consideration.

D.1. Description and justification of monitoring plan chosen:

If an approved CDM monitoring methodology is used, the following steps should be adhered to:

1. Name and reference of approved monitoring methodology applied to the project

Please refer to the UNFCCC CDM website for the name and reference as well as details of approved methodologies.



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

Please justify the choice of methodology by showing that the proposed project and the context of the project meet the conditions under which the methodology is applicable.

D.1.1. Option 1 - Monitoring of the emissions in the project scenario and the baseline scenario:

Please state if this section is left blank on purpose.

D.1.1.1. Data to be collected in order to monitor emissions from the project, and how this data will be archived:

Please describe data to be collected and how they will be archived. Please add rows to the table, as needed.

D.1.1.2. Description of formulae used to estimate project emissions (for each gas, source, formulae/algorithm, emissions units of CO₂ equ.):

Formulae should be consistent throughout the document.

D.1.1.3. 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:

Please describe data to be collected and how they will be archived. Please add rows to the table, as needed.

D.1.1.4. Description of formulae used to estimate baseline emissions (for each gas, source, formulae/algorithm, emissions units of CO₂ equ.):

Formulae should be consistent throughout the document.

D. 1.2. Option 2 - Direct monitoring of emission reductions from the project (values should be consistent with those in section E):

Please state if this section is left blank on purpose.



D.1.2.1. Data to be collected in order to monitor emission reductions from the project, and how this data will be archived:

Please describe data to be collected and how they will be archived. Please add rows to the table, as needed.

D.1.2.2. Description of formulae used to calculate emission reductions from the project (for each gas, source, formulae/algorithm, emissions units of CO₂ equ.):

Formulae should be consistent throughout the document.

D.1.3. Treatment of leakage in the monitoring plan:

D.1.3.1. If applicable, please describe the data and information that will be collected in order to monitor leakage effects of the project:

Please add rows to the table, as needed. Please state if not applicable.

D.1.3.2. Description of formulae used to estimate leakage (for each gas, source, formulae/algorithm, emissions units of CO₂ equ.):

Formulae should be consistent throughout the document. Please state if not applicable.

D.1.4. Description of formulae used to estimate emission reductions for the project (for each gas, source, formulae/algorithm, emissions units of CO₂ equ.):

Formulae should be consistent throughout the document.

D.1.5. Where applicable, in accordance with procedures as required by the host Party, information on the collection and archiving of information on the environmental impacts of the project:

Please provide information on the collection and archiving of information on the environmental impacts of the project. Please provide reference to the relevant host Party regulation(s). Please state if not applicable.

D.2. Quality control (QC) and quality assurance (QA) procedures are being undertaken for data monitored:

Please refer to data contained in section D.1., as applicable.

D.3. Please describe the operational and management structure that the project operator will implement regarding the monitoring plan:

D.4. Name of person(s)/entity(ies) determining the monitoring plan:

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



SECTION E. Estimation of GHG emission reductions

Estimates should be consistent throughout the document.

E.1. Estimated project emissions:

Please provide estimates of anthropogenic emissions by sources of greenhouse gases of the project within the project boundary (for each gas, source, formula/algorithm; emissions in units of CO₂ equivalent). Alternatively, please provide directly estimated emission reductions due to the project.

E.2. Estimated leakage:

Please provide estimates of any leakage. Estimates should be given for each gas, source, formula/algorithm (emissions in units of CO₂ equivalent). Please state if not applicable.

E.3. The sum of E.1 and E.2:

E.4. Estimated baseline emissions:

Estimates should be given for each gas, source, formula/algorithm (emissions in units of CO₂ equivalent).

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

E.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	Estimated <u>project</u> emissions (tonnes of CO ₂ equ.)	Estimated <u>leakage</u> (tonnes of CO ₂ equ.)	Estimated <u>baseline</u> emissions (tonnes of CO ₂ equ.)	Estimated emission reductions (tonnes of CO ₂ equ.)
Year A				
Year B				
Year ...				
Total (tonnes of CO ₂ equ.)				

SECTION F. Environmental impacts

F.1. Documentation on the analysis of the environmental impacts, including transboundary impacts, in accordance with procedures as determined by the host Party:

Please attach the documentation to the JI PDD.



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:

SECTION G. Information on stakeholders' comments, as appropriate

Please state if not applicable.



Annex 1

CONTACT INFORMATION ON PARTICIPANTS IN THE PROJECT

Please copy and paste table as needed. Please fill in the following mandatory fields for each organization listed in section A.3.: organization, name of contact person, street, city, postfix/ZIP, country, telephone and fax or e-mail.

Annex 2

BASELINE INFORMATION

Please provide a table containing the key elements used to determine the baseline for the project including elements such as variables, parameters and data sources. For approved CDM baseline methodologies, you may find a draft table on the UNFCCC CDM website.

Annex 3

MONITORING PLAN
