



**Monitoring report form for CDM programme of activities
(Version 05.0)**

Complete this form in accordance with the instructions attached at the end of this form.

MONITORING REPORT

Title of the PoA			
UNFCCC reference number of the PoA			
Version number of the PoA-DD applicable to this monitoring report			
Version number of this monitoring report			
Completion date of this monitoring report			
Monitoring period number			
Duration of this monitoring period			
Monitoring report number for this monitoring period			
Coordinating/managing entity			
Host Parties	Host Party of the PoA	Is this the host Party of a CPA covered in this monitoring report? (yes/no)	
	...		
Applied methodologies and standardized baselines			
Sectoral scopes			
Amount of GHG emission reductions or net anthropogenic GHG removals achieved by all CPAs covered in this monitoring report in this monitoring period	Amount achieved before 1 January 2013	Amount achieved from 1 January 2013 until 31 December 2020	Amount achieved from 1 January 2021
Amount of GHG emission reductions or net anthropogenic GHG removals estimated ex ante for this monitoring period in the CPA-DDs for the CPAs covered in this monitoring report			

PART I Monitoring of programme of activities (PoA)**SECTION A. Description of PoA****A.1. General description of PoA**

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A.1.1. Corresponding generic component project activities (CPAs)

Title and reference number of the corresponding generic CPA	Version of the PoA-DD	Sectoral scopes	Applied methodologies and standardized baselines

A.1.2. CPAs included in the PoA

Title and UNFCCC reference number of the CPA	Version of the PoA-DD	Title and reference number of the corresponding generic CPA	Crediting period type and duration	Covered in this monitoring report? (yes/no)

A.2. Coordinating/managing entity

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SECTION B. Implementation of PoA**B.1. Description of implemented PoA**

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B.2. Post-registration changes to PoA**B.2.1. Corrections**

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B.2.2. Inclusion of monitoring plan

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B.2.3. Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from the applied methodologies, standardized baselines, or other methodological regulatory documents

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B.2.4. Changes to programme design

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B.2.5. Changes specific to afforestation or reforestation activities

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PART II Monitoring of CPAs

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SECTION C. Implementation of CPAs

C.1. Description of implemented CPAs

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C.2. Location of CPAs

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C.3. Post-registration changes to CPAs

C.3.1. Temporary deviations from the monitoring plans in the included CPA-DDs, applied methodologies, standardized baselines or other methodological regulatory documents

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C.3.2. Corrections

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C.3.3. Changes to the start date of the crediting period

>>

C.3.4. Inclusion of monitoring plan

>>

C.3.5. Permanent changes to the included monitoring plans, or permanent deviation of monitoring from the applied methodologies, standardized baselines, or other methodological regulatory documents

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C.3.6. Changes to project design

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C.3.7. Changes specific to afforestation or reforestation CPA

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SECTION D. Description of monitoring system of CPAs

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SECTION E. Data and parameters**E.1. Data and parameters fixed ex ante***(Copy this table for each data or parameter.)*

Data/Parameter	
Unit	
Description	
Source of data	
Value(s) applied	
Choice of data or measurement methods and procedures	
Purpose of data/parameter	
Additional comments	

E.2. Data and parameters monitored*(Copy this table for each data or parameter.)*

Data/Parameter	
Unit	
Description	
Measured/calculated/default	
Source of data	
Value(s) of monitored parameter	
Monitoring equipment	
Measuring/reading/recording frequency	
Calculation method (if applicable)	
QA/QC procedures	
Purpose of data/parameter	
Additional comments	

E.3. Implementation of sampling plan

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SECTION F. Calculation of emission reductions or net anthropogenic removals**F.1. Calculation of baseline emissions or baseline net removals**

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F.2. Calculation of project emissions or actual net removals

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F.3. Calculation of leakage emissions

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F.4. Calculation of emission reductions or net anthropogenic removals

CPA UNFCCC reference number	Baseline GHG emissions or baseline net GHG removals (t CO ₂ e)	Project GHG emissions or actual net GHG removals (t CO ₂ e)	Leakage GHG emissions (t CO ₂ e)	GHG emission reductions or net anthropogenic GHG removals (t CO ₂ e)			
				Before 01/01/2013	From 01/01/2013 until 31/12/2020	From 01/01/2021	Total amount
....							
Total							

F.5. Comparison of emission reductions or net anthropogenic removals achieved with estimates in the included CPA-DDs

CPA UNFCCC reference number	Amount achieved during this monitoring period (t CO ₂ e)	Amount estimated ex ante for this monitoring period in the CPA-DD (t CO ₂ e)
....		
Total		

F.5.1. Explanation of calculation of “amount estimated ex ante for this monitoring period in the CPA-DD”

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F.6. Remarks on increase in achieved emission reductions

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F.7. Remarks on scale of small-scale CPAs

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Attachment: Instructions for completing this form

1. General instructions

1. When reporting on monitoring results and completing this form, comply with the “CDM project standard for programmes of activities” (hereinafter referred to as the project standard), the selected methodologies and, where applicable, the selected standardized baselines and any other standards, methodologies, methodological tools and guidelines applied in accordance with the selected methodologies (hereinafter “any other standards, methodologies, methodological tools and guidelines (to be) applied in accordance with the selected(applied) methodologies” are collectively referred to as the other (applied) methodological regulatory documents), with the exception of the provisions on the application of global warming potential values for the period from 1 January 2021 in accordance with the “Clarification: Regulatory requirements under temporary measures for post-2020 cases” (CDM-EB109-A01-CLAR), paragraph 4(d)(i). The “Rules and Reference” section of the UNFCCC CDM website contains all regulatory documents for the CDM, such as standards (including methodologies and standardized baselines), procedures, methodological tools, guidelines, clarifications, forms and the “Glossary: CDM terms” that may be applicable to the PoA.
2. “CPA” without prepositive “generic” means it is of a specific-case component project activity (CPA).
3. Make any data, values and formulae included in spreadsheets accessible and verifiable.
4. Complete this form in English. Prepare all attached documents in English, or if their originals were prepared in another language, provide a full translation of the relevant sections of these documents in English.
5. Complete this form using the same format without modifying its font, headings or logo, and without any other alteration to the form.
6. Do not modify or delete tables and their columns in this form. Add rows to the tables as needed. Add additional appendices as needed.
7. If a section of this form is not applicable, explicitly state that the section is left blank intentionally.
8. Use an internationally recognized format for presentation of values. For example, use digit grouping in thousands and mark a decimal point with a dot (.), not with a comma (,).
9. Complete this form deleting this attachment.

2. Specific instructions

1. Provide the following information on the cover page:
 - (a) Title of the PoA;
 - (b) UNFCCC reference number of the PoA;
 - (c) Version number of the PoA-DD applicable to this monitoring report;
 - (d) Version number of this monitoring report;
 - (e) Completion date of this monitoring report: Indicate the date in DD/MM/YYYY;
 - (f) Monitoring period number: The monitoring period number is an ordinal number referring to the chronological order of monitoring periods (e.g. "first monitoring period");
 - (g) Duration of this monitoring period: Indicate the period including the first and last dates in DD/MM/YYYY – DD/MM/YYYY;
 - (h) Monitoring report number for this monitoring period: Applicable when preparing multiple separate monitoring reports for the same monitoring period for different batches of CPAs in the PoA that are included or renewed in the same PoA period. To distinguish between such multiple separate monitoring reports, assign an ordinal number from 1 upwards (e.g. 1, 2, 3...*n*) to each monitoring report in the consecutive order. If one of the published multiple monitoring reports is subdivided at request for issuance, indicated it as 1-1, 1-2, etc.;
 - (i) Coordinating/managing entity;
 - (j) Host Parties: List all host Parties of the PoA as of the end of this monitoring period. For each host Party, indicate whether this report covers a CPA hosted by that Party;
 - (k) Applied methodologies and standardized baselines: List all the methodologies, and where applicable, the standardized baselines, applied to the PoA;
 - (l) Sectoral scopes: List all sectoral scopes linked to the applied methodologies and applicable to the PoA;
 - (m) Amount of GHG emission reductions or net anthropogenic GHG removals achieved by all CPAs covered in this monitoring report in this monitoring period: Provide the total amount in tonnes of CO₂ equivalent achieved before 1 January 2013 (first commitment period), amount achieved from 1 January 2013 until 31 December 2020 (second commitment period), and amount achieved from 1 January 2021. For A/R PoAs, if the monitoring period falls partly in the first commitment period and partly in the second commitment period, allocate all net anthropogenic GHG removals achieved since the start of the CPA to the commitment period in which the monitoring period ends for tCERs and all net anthropogenic GHG removals achieved since the last verification to the second commitment period for ICERs;
 - (n) Amount of GHG emission reductions or net anthropogenic GHG removals estimated ex ante for this monitoring period in the CPA-DDs for the CPAs covered in this monitoring report: Provide the total amount in tonnes of CO₂ equivalent based on the ex ante estimation in the respective CPA-DDs, with adjustment for the comparable period, as appropriate.

PART I Monitoring of programme of activities (PoA)

SECTION A. Description of PoA

A.1. General description of PoA

1. Provide a brief summary of the PoA in terms of the purpose of the PoA and the measures taken for GHG emission reductions or net anthropogenic GHG removals.

A.1.1. Corresponding generic component project activities (CPAs)

1. In the first column of the table, list all generic CPAs defined in the PoA-DD. If a generic CPA does not have the required information (i.e. title, reference number or version number), the coordinating/managing entity is encouraged to provide such information in this monitoring report for reference.
2. In the second column of the table, indicate the version number of the PoA-DD to which the corresponding generic CPA pertains. In case the generic CPA-DD was prepared in a document separate from the PoA-DD, indicate the version number of the generic CPA-DD.
3. In the third column of the table, indicate the sectoral scopes applicable to the corresponding generic CPA.
4. In the fourth column of the table, indicate the exact reference (number, title, version) of:
 - (a) The applied methodologies (e.g. ACM0001: “Large-scale consolidated methodology: Flaring or use of landfill gas” (Version 15.0));
 - (b) Any other methodologies or methodological tools to which the applied methodologies refer (e.g. “Methodological tool: Tool for the demonstration and assessment of additionality” (version 07.0.0));
 - (c) The applied standardized baselines, where applicable (e.g. ASB0001 “Standardized baseline: Grid emission factor for the Southern African power pool” (version 01.0)).
5. Refer to the UNFCCC CDM website for the exact reference of the applied methodologies, methodological tools and standardized baselines.
6. Add rows for additional generic CPAs as needed.

A.1.2. CPAs included in the PoA

1. In the first column of the table, indicate the titles and UNFCCC reference numbers of all CPAs (including the version of the CPA-DD) included in the PoA as of the end date of this monitoring period.
2. In the second column of the table, indicate the version number of the PoA-DD in which the corresponding generic CPA is defined/updated (or the version number of the generic CPA-DD if it was prepared separately from the PoA-DD).
3. In the third column of the table, indicate the title and reference number of the corresponding generic CPA. Ensure that they are consistent with the information indicated in the table of section A.1.1.
4. In the fourth column of the table, provide the type (renewable or fixed) and the duration (with the start and end dates in DD/MM/YYYY – DD/MM/YYYY) of the crediting period of each CPA corresponding to the monitoring period covered in this monitoring report.
5. In the fifth column, indicate whether the CPA is covered in this monitoring report. A CPA is not covered in the monitoring report if its crediting period starts after the end date of the monitoring period covered by this monitoring report, or if the coordinating/managing entity opted for preparing multiple monitoring reports for this monitoring period in accordance with the applicable requirements in the project standard, and did not include that CPA in the batch of the CPAs covered in this monitoring report. Cover only the CPAs that are included or renewed in the same PoA period thus follow the same version of the PoA-DD.
6. Add rows to the table for additional CPAs as needed.

A.2. Coordinating/managing entity

1. Provide the identity of the coordinating/managing entity of the PoA.

SECTION B. Implementation of PoA**B.1. Description of implemented PoA**

1. Provide information on how the management system described in the PoA-DD was implemented.
2. Indicate whether a sampling approach was applied for monitoring of a group of CPAs or each CPA covered in this monitoring report, and elaborate details in section E.3 below.
3. Provide the description of installed technologies, technical processes and equipment for the included CPAs, and the information on the implementation and actual operation of the included CPAs in section C.1 below.
4. If applicable, present information on any post-registration changes to the PoA and CPAs in sections B.2 and C.3 below, respectively.

B.2. Post-registration changes to PoA

1. This section is also applicable to post-registration changes to any of the generic CPAs. Reference to a post-registration change to a PoA-DD is understood to include any change to a generic CPA, irrespective whether the generic CPA is described in the PoA-DD or in a separate stand-alone document.

B.2.1. Corrections

1. Indicate whether there are any corrections to programme information or parameters fixed at the registration or renewal of the PoA period in the following categories:
 - (a) Corrections that have been approved by the Board as applicable from the periods prior to this monitoring period;
 - (b) Corrections that have been approved by the Board as applicable from this monitoring period;
 - (c) Corrections that are being submitted with this monitoring report as part of the request for issuance (post-registration change – issuance track) as applicable from this monitoring period.
2. For the corrections referred to in 1(a) and 1(b) above, provide the approval dates and reference numbers of the post-registration changes.
3. For the corrections referred to in 1(c) above, provide the version number and the completion date of the revised PoA-DD and of the DOE validation report.

B.2.2. Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from the applied methodologies, standardized baselines, or other methodological regulatory documents

1. Indicate whether there are any permanent changes to the registered monitoring plan, or permanent deviation of monitoring from the applied methodologies, standardized baseline, or methodological regulatory documents.
2. If there are such changes, list all the changes since the registration of the PoA, separating them into the following categories:
 - (a) Changes that have been approved by the Board prior to the submission of this monitoring report;
 - (b) Changes that are being submitted with this monitoring report as part of the request for issuance (post-registration change - issuance track; applicable only if the changes do not affect the calculation of emission reductions or removal enhancements by the CPAs covered by this monitoring report).
3. For the changes referred to in 2(a) above, provide the approval dates and reference numbers of the post-registration changes.
4. For the changes referred to in 2(b) above, provide the version number and the completion date of the revised PoA-DD and of the DOE validation report.

B.2.3. Changes to programme design

1. Indicate whether there are any changes to the programme design of the PoA.
2. If there are such changes, list all the changes since the registration of the PoA, separating them into the following categories:
 - (a) Changes that have been approved by the Board prior to the submission of this monitoring report;
 - (b) Changes that are being submitted with this monitoring report as part of the request for issuance (post-registration change - issuance track).
3. For the changes referred to in 2(a) above, provide the approval dates and reference numbers of the post-registration changes.
4. For the changes referred to in 2(b) above, provide the version number and the completion date of the revised PoA-DD and of the DOE validation report.

B.2.4. Changes specific to afforestation or reforestation activities

1. Indicate whether there are any changes specific to afforestation or reforestation activities of the PoA.
2. If there are such changes, list all the changes since the registration of the PoA, separating them into the following categories:
 - (a) Changes that have been approved by the Board prior to the submission of this monitoring report;
 - (b) Changes that are being submitted with this monitoring report as part of the request for issuance (post-registration change - issuance track).
3. For the changes referred to in 2(a) above, provide the approval dates and reference numbers of the post-registration changes.
4. For the changes referred to in 2(b) above, provide the version number and the completion date of the revised PoA-DD, if submitted, and of the DOE validation report.

PART II Monitoring of CPAs

1. Complete Part II for all CPAs covered in this monitoring report. Separate monitoring results of individual CPAs, and group by CPA type as defined by the corresponding generic CPA-DDs.
2. Of the CPAs corresponding to the same generic CPA, homogeneous CPAs (e.g. CPAs implemented in the same country, or implementing the same technologies/measures, etc.) may be sub-grouped as appropriate. Include the rationale for the sub-grouping.
3. Replicate Part II for each group or sub-group of CPAs. Indicate which CPAs are covered using identifying information presented in A.1.2 above.

SECTION C. Implementation of CPAs

C.1. Description of implemented CPAs

1. Provide a brief summary of the CPAs covered in this monitoring report in terms of the purpose of the CPAs and the measures taken for GHG emission reductions or net anthropogenic GHG removals.
2. Provide information on the implementation status of the CPAs in accordance with the applicable provisions on the description of implemented CPAs in the project standard, including:
 - (a) Description of the installed technologies, technical processes and equipment for the CPAs;
 - (b) Information on the implementation and actual operation of the CPAs, including relevant dates (e.g. construction, commissioning, start of operation). If a CPA consists of more than one site, describe the status of implementation and start date of operation for each site. If a CPA is implemented in phases, indicate the progress of the CPA achieved in each phase.
3. For the description of the installed technologies, technical processes and equipment, include diagrams, where appropriate.
4. If applicable, present information on any post-registration changes to the CPAs in section C.3 below.

C.2. Location of CPAs

1. Provide details of the physical/geographical location of the CPAs covered in this monitoring report, including physical address (host Party, region/state/province, city/town/community, street name and number) and a map, and if necessary, other information allowing for unique identification of the CPAs (e.g. geographic coordinates).
2. Do not exceed one page for the description of location of each CPA.

C.3. Post-registration changes to CPAs

C.3.1. Temporary deviations from the monitoring plans in the included CPA-DDs, applied methodologies, standardized baselines or other methodological regulatory documents

1. Indicate whether there are temporary deviations from the monitoring plans in the included CPA-DDs, the applied methodologies, the applied standardized baselines or the other applied methodological regulatory documents during this monitoring period, for any of the CPAs covered in this monitoring report.
2. If there are such deviations, for each deviation, provide a description of the nature, extent and duration of the non-conforming monitoring period, and:
 - (a) Propose alternative monitoring arrangements for the non-conforming monitoring period in accordance with the applicable provisions in the project standard; or
 - (b) Apply the most conservative values approach in accordance with the applicable provisions in the project standard.
3. Provide the version number and the completion date of the DOE verification report.

C.3.2. Corrections

1. Indicate whether there are any corrections to project information or parameters fixed at the inclusion or renewal of crediting period of any of the CPAs covered in this monitoring report.
2. If there are such corrections, list all the corrections since the inclusion of the respective CPAs in the PoA, or renewal of their crediting periods, separating them into the following categories:
 - (a) Corrections that have been notified to the secretariat as applicable from the period prior to this monitoring period;
 - (b) Corrections that have been notified to the secretariat as applicable from this monitoring period.
3. For each correction, provide the notification date and reference number of the post-registration change.

C.3.3. Changes to the start-date of the crediting period

1. Indicate whether there are changes to the start date of the crediting period fixed at the inclusion of any of the CPAs covered in this monitoring report.
2. If there are such changes, list all the changes since the inclusion of the respective CPAs in the PoA, separating them into the following categories:
 - (a) Changes that have been notified to the secretariat and that do not affect the start of this monitoring period (i.e. any of the changed start dates are prior to the start of this monitoring period);
 - (b) Changes that have been notified to the secretariat and that affect the start of this monitoring period (i.e. the changed start date is the start of this monitoring period).
3. For each change, provide the notification date and reference number of the post-registration change.

C.3.4. Inclusion of monitoring plan

1. Indicate whether there are post-registration changes to include a monitoring plan into the CPA-DDs, for which the delayed submission of the monitoring plan was chosen by the coordinating/managing entity at the time of the inclusion of the CPAs, for any of the CPAs covered in this monitoring report.
2. If there are such changes, list all the changes, separating them into the following categories:
 - (a) Changes that have been notified to the secretariat as applicable from the period prior to this monitoring period;
 - (b) Changes that have been notified to the secretariat as applicable from this monitoring period.
3. For each change, provide the notification date and reference number of the post-registration change.

C.3.5. Permanent change to the included monitoring plans, or permanent deviation of monitoring from the applied methodologies, standardized baselines, or other methodological regulatory documents

1. Indicate whether there are permanent changes to the monitoring plans in the included CPA-DDs, or permanent deviation of monitoring from the applied methodologies, applied standardized baseline, or other methodological regulatory documents, for any of the CPAs covered in this monitoring report.
2. If there are such changes, list all the changes since the inclusion of the respective CPAs in the PoA, separating them into the following categories:
 - (a) Changes that have been notified to the secretariat as applicable from the period prior to this monitoring period;
 - (b) Changes that have been notified to the secretariat as applicable from this monitoring period.
3. For each change, provide the notification date and reference number of the post-registration change.

C.3.6. Changes to project design

1. Indicate whether there are any changes to the project design of any of the CPAs covered in this monitoring report.
2. If there are such changes, list all the changes since the inclusion of the respective CPAs in the PoA, separating them into the following categories:
 - (a) Changes that have been notified to the secretariat as applicable from the period prior to this monitoring period;
 - (b) Changes that have been notified to the secretariat as applicable from this monitoring period.
3. For each change, provide the notification date and reference number of the post-registration change.

C.3.7. Changes specific to afforestation or reforestation CPA

1. Indicate whether there are any changes specific to afforestation or reforestation CPA covered in this monitoring report.
2. If there are such changes, list all the changes since the inclusion of the respective CPAs in the PoA, separating them into the following categories:
 - (a) Changes that have been notified to the secretariat as applicable from the period prior to this monitoring period;
 - (b) Changes that have been notified to the secretariat as applicable from this monitoring period.
3. For each change, provide the notification date and reference number of the post-registration change.

SECTION D. Description of monitoring system of CPAs

1. Provide a description of the monitoring system of each CPA or group of CPAs covered in this monitoring report in accordance with the applicable provisions on the description of monitoring system in the project standard and the monitoring plans in the respective CPA-DDs. Include line diagrams showing all relevant monitoring points.

SECTION E. Data and parameters

1. Provide information on all data and parameters relevant to the CPAs covered in this monitoring report in accordance with the applicable provisions on data and parameters in the corresponding generic CPAs and the project standard, using the tables provided in sections E.1 and E.2.
2. For the row "Purpose of data/parameter" in the tables in E.1 and E.2, choose one of the following options:
 - (a) Calculation of baseline emissions or baseline net GHG removals;
 - (b) Calculation of project emissions or actual net GHG removals; or
 - (c) Calculation of leakage.
3. Where the applied standardized baselines standardize baseline emissions, apply the standardized values of the parameters in sections E.1 and/or E.2 in accordance with the applicable provisions related to data and parameters in the project standard.

E.1. Data and parameters fixed ex ante

1. Include data for the CPAs covered in this monitoring report that had been fixed at the inclusion or at the renewal of crediting period of the CPAs, and were used during this monitoring period, by replicating the information from the included CPA-DDs.
2. For the row "Source of data", ensure that the source of data is provided; including reference to the report or study for the ex-ante parameter or if the source of data comes from the applied methodologies.
3. For the row "Value(s) applied", use one table to report multiple values referring to the same data and parameter, if applicable.
4. Include global warming potential values (GWPs) to be used for section F below, by differentiating the values used for the period before 1 January 2013, from 1 January 2013 until 31 December 2020, and from 1 January 2021, as applicable, in accordance with decision 2/CP.3, decision 4/CMP.7 and the "Clarification: Regulatory requirements under temporary measures for post-2020 cases" (CDM-EB109-A01-CLAR), respectively.

E.2. Data and parameters monitored

1. Include data and parameters that were monitored during this monitoring period for each CPA or group of CPAs covered in this monitoring report.
2. For the row "Monitoring equipment", provide information on type, accuracy class, serial number, calibration frequency, date of last calibration and validity.
3. For the row "Value(s) of monitored parameter", use one table to report multiple values referring to the same data and parameter, if applicable.
4. Describe details in spreadsheets if appropriate, attach them to the monitoring report, and provide the reference to the spreadsheets in this section.

E.3. Implementation of sampling plan

1. If a sampling plan was implemented to determine parameter values for each CPA separately or for a group of CPAs covered in this monitoring report (including a single sampling plan covering all CPAs corresponding to the same generic CPA), provide a description of how the sampling for those parameters was implemented in accordance with the sampling plan in the registered or included monitoring plans, including the following information:
 - (a) List of CPAs to which the sampling plan was applied;
 - (b) Description of implemented sampling design;
 - (c) Collected data;
 - (d) Analysis of the collected data;
 - (e) Demonstration that the required confidence/precision level has been met;
 - (f) Demonstration that the samples were randomly selected and are representative of the population.
2. Attach to the monitoring report any spreadsheets to present full calculations or detailed information.

SECTION F. Calculation of emission reductions or net anthropogenic removals

1. In this section, apply the GWPs identified in section E.1 above. For calculation of GHG emission reductions achieved in the period from 1 January 2021, if the CMP adopts different GWPs for the period, update the calculation by applying the GWPs adopted by the CMP.

F.1. Calculation of baseline emissions or baseline net removals

1. Provide sample calculations for all formulae used to calculate baseline GHG emissions or baseline net GHG removals, applying actual values. Attach spreadsheets to the monitoring report to present full calculations for this monitoring period.

F.2. Calculation of project emissions or actual net removals

1. Provide sample calculations for all formulae used to calculate project GHG emissions or actual net GHG removals, applying actual values. Attach spreadsheets to the monitoring report to present full calculations for this monitoring period.

F.3. Calculation of leakage emissions

1. Provide sample calculations for all formulae used to calculate leakage GHG emissions, applying actual values. Attach spreadsheets to the monitoring report to present full calculations for this monitoring period.

F.4. Calculation of emission reductions or net anthropogenic removals

1. Summarize the results of sections F.1, F.2, and F.3 above, and provide GHG emission reductions or net anthropogenic GHG removals for this monitoring period for each CPA, including the total for all CPAs covered in this monitoring report, using the table.
2. If the monitoring period starts before 1 January 2013 and ends before 1 January 2021, provide GHG emission reductions achieved for the following two periods separately by allocating the raw data into the two periods in accordance with the applicable provisions in the project standard, and multiplying them with the applicable GWPs:
 - (a) Before 1 January 2013 (first commitment period);
 - (b) From 1 January 2013.
3. For A/R PoAs, if the monitoring period falls partly in the first commitment period and partly in the second commitment period, allocate all net anthropogenic GHG removals achieved since the start of the PoA to the commitment period in which the monitoring period ends for tCERs and all net anthropogenic GHG removals achieved since the last verification to the second commitment period for ICERs.
4. If the monitoring period starts before 1 January 2021 and ends anytime thereafter, provide GHG emission reductions achieved for the following two periods separately. In this case, if the monitoring activity cannot be separated into the two time periods due to the reasons beyond control of the coordinating/managing entity, estimate emission reductions achieved in each period in a manner to reasonably reflect the actual emission reductions achieved in each period with an explanation of how such estimation is done, including, where appropriate, allocating the total amount of estimated raw GHG emission reductions for the entire monitoring period to each period proportionately to the duration of each period before multiplying with the applicable GWPs for the respective periods in accordance with the relevant provisions in the project standard and the "Clarification: Regulatory requirements under temporary measures for post-2020 cases" (CDM-EB109-A01-CLAR):
 - (a) Before 1 January 2021 (second commitment period);
 - (b) From 1 January 2021.

F.5. Comparison of emission reductions or net anthropogenic removals achieved with estimates in the included CPA-DDs

1. Provide a comparison of the total amount of GHG emission reductions or net anthropogenic GHG removals achieved by the CPAs covered in this monitoring report during this monitoring period, with the amount based on the ex ante estimation in the included CPA-DDs.

F.6. Remarks on increase in achieved emission reductions

1. State whether the actual GHG emission reductions achieved is greater than the amount based on the ex ante estimation in the included CPA-DDs. If so, explain the cause of any increase in the actual GHG emission reductions achieved by the CPAs covered in this monitoring report during this monitoring period, including all information that is different from that stated in the included CPA-DDs.
2. This section is not applicable for afforestation and reforestation (A/R) PoAs.

F.7. Remarks on scale of small-scale CPAs

1. This section is applicable only for small-scale CPAs.
2. Demonstrate that the combined scale of the activities belonging to the same small-scale project type (Type I, II or III) remained under the limit of that type every year during the crediting period, or if, during any year of its crediting period, the combined scale goes beyond the limit of that type, cap the GHG emission reductions that are claimed for that year at the amount calculated with the limit of its type.

Document information

<i>Version</i>	<i>Date</i>	<i>Description</i>
05.0	8 October 2021	Revision to: <ul style="list-style-type: none"> • Ensure consistency with version 03.0 of the “CDM project standard for programmes of activities” (CDM-EB93-A07-STAN).
04.0	6 April 2021	Revision to: <ul style="list-style-type: none"> • Reflect the “Clarification: Regulatory requirements under temporary measures for post-2020 cases” (CDM-EB109-A01-CLAR).
03.0	31 May 2019	Revision to: <ul style="list-style-type: none"> • Ensure consistency with version 02.0 of the “CDM project standard for programmes of activities” (CDM-EB93-A07-STAN); • Add a section on remarks on the observance of the scale limit of small-scale CPAs during the crediting periods; • Add "changes specific to afforestation or reforestation activities/CPA" as a possible post-registration changes; • Clarify the reporting of net anthropogenic GHG removals for A/R PoAs between two commitment periods; • Make structural and editorial improvements.
02.0	7 June 2017	Revision to: <ul style="list-style-type: none"> • Ensure consistency with version 01.0 of the “CDM project standard for programmes of activities (CDM-EB93-A07-STAN); • Make editorial improvements.
01.0	1 April 2015	Initial publication.
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