**Mitigation Initiative Monitoring Report COLCX**

**(Project name)**

|  |  |
| --- | --- |
| **MONITORING REPORT** | |
| Fill out this form following the instructions provided in each section. Follow the hierarchical structure of headings up to the third level and replicate the format of this table as many times as necessary. | |
| **Basic Information** | |
| Title of mitigation initiative: |  |
| No. of the mitigation initiative: |  |
| PDD version number registered and applicable to this monitoring report: |  |
| Date of completion of this form | dd/mm/yyyy |
| Duration of the monitoring period: | dd/mm/yyyy - dd/mm/yyyy |
| No. of project monitoring: |  |
| Type of mitigation initiative: | Program  Project  Other  Which? |
| Name of the proponent of the mitigation initiative: |  |
| Country of the mitigation initiative: |  |
| Methodology used (Source and version): |  |
| Total GHG reductions or removals achieved in the monitored period: | Click or tap here to enter text. tCO2e |
| Total GHG reductions or removals expected ex-ante for the monitored period: | Click or tap here to enter text. tCO2e |
| Indicate the contribution to Sustainable Development (SDG) during the monitored period: | SDGs to be implemented |

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**IlLustraTions**

**No illustration elements are found.**

## Description of the Activities Program

### General description of the mitigation initiative

>>

**Instructions (delete this box when filling out the form):**

Describe in a general manner the emission reduction or removal activity that has been implemented, including a brief indication of the location, the technology or measures employed, the applicable limits, confirmation of the baseline scenario, the annual (average) and total GHG emission reductions achieved during the monitored period, a brief description of how the mitigation initiative contributes to sustainable development, the basic data of the developer of the mitigation initiative and a list of the main implementation milestones of the mitigation initiative.

### Location of the mitigation initiative

>>

**Instructions (delete this box when filling out the form):**

Provide details of the physical/geographical location of the mitigation initiative, implemented including the physical address (country, state, municipality, city/town/community) and a map that clearly identifies where the project is located; also include coordinates that allow unique identification of the mitigation initiative (geographical coordinates should be presented in degrees, minutes, seconds and in decimal format).

### Participants in the mitigation initiative

>>

Table 1. Participants in the mitigation initiative

|  |  |  |
| --- | --- | --- |
| **Name of participant** | **Participation role** | **Country of origin** |
| … | ... | ... |
| … | … | … |
| … | … | … |

>>

**Instructions (delete this box when filling out the form):**

Indicate in the table, the data of the participants involved in the implemented mitigation initiative, including the proponent and owner among others, providing the contact information of each one of them.

### Reference of methodology(ies) and tool(s) applied by the mitigation initiative

>>

**Instructions (delete this box when filling out the form):**

Submit the exact reference (name, number, title, version, etc) of the selected methodology(ies) (COLCX's own or approved by any GHG program), tools and other methodologies to which the selected methodology(ies) refer; include when applicable, the link to the website of the references of the methodologies, tools and other instruments applied.

Where applicable, explain and justify the methodological choices applied to the mitigation initiative, indicating how the methods or methodological steps defined for calculating baseline emissions, project emissions, leakage emissions and GHG reductions or removals were applied.

### Mitigation initiative crediting period

#### Beginning and end of the crediting period

>>

**Instructions (delete this box when filling out the form):**

The actual start and end date of the crediting period of the mitigation initiative approved by the COLCX program must be listed and presented in day/month/year format.

#### Duration of the crediting period

>>

**Instructions (delete this box when filling out the form):**

The actual duration of the crediting period of the mitigation initiative approved by the COLCX program should be indicated in years and months.

### Endorsement of conditions for AFOLU Sector projects

#### Confirmation of landownership

>>

**Instructions (delete this box when filling out the form):**

Provide confirmation that the title that exists over each area (piece of land) where the mitigation initiative was implemented and operates, continues to be held by the owner recognized upon registration with the COLCX program and that he/she holds the actual ownership of the mitigation results achieved (e.g. in the form of carbon credits). This confirmation shall be supported by a review of legal titles, current land tenure conditions and applicable rights derived from signed agreements.

This section does not apply to mitigation initiatives in NON AFOLU sectors.

#### Confirmation of land eligibility

>>

**Instructions (delete this box when filling out the form):**

Provide confirmation on how each area (portion of land) included in the boundaries of the mitigation initiative, where GHG removal activities are implemented and carried out, is eligible according to the applicable guidelines of both the COLCX program and the methodology applied.

This section does not apply to mitigation initiatives in NON AFOLU sectors.

## Information on the implementation of the mitigation initiative

### Description of the implemented mitigation initiative

>>

**Instructions (delete this box when filling out the form):**

Provide a detailed description of the technologies or measures that have been implemented under the mitigation initiative, including the process undertaken to do so, and how they reduce GHG emissions, including a detailed account of the facilities, systems and equipment that were installed and/or modified, the layout of the facilities, systems and equipment, clear and detailed identification of the monitoring equipment and systems and their location, the types and levels of service (e.g., in terms of mass or energy flows) provided by the facilities, systems and equipment that were modified and/or installed under the mitigation initiative, and where applicable, their relationship to other facilities, systems and equipment outside of the mitigation initiative, and where applicable, their relationship to other facilities, systems and equipment outside of the limits.

For facilities, systems and equipment that were modified and/or installed under the mitigation initiative, information must be provided on: the age and average useful life of the equipment according to manufacturer specifications and/or industry standards, identification data (serial numbers, references, etc.), installed capacities, load factors and efficiencies, energy and mass flows and balances of the facilities, systems and equipment (where applicable).

### Conditions related to post-registration changes

#### Changes in the registered mitigation initiative

>>

**Instructions (delete this box when filling out the form):**

Indicate whether the implementation has resulted in changes to the mitigation initiative from the original design that was validated and registered by the COLCX program. If there are changes, these should be listed indicating those that have been previously approved by the program (e.g. in a previous monitoring period), those that apply from this monitoring period, and those that may be subsequent. In all cases, the actual and expected approval dates should be indicated.

#### Changes to the approved monitoring plan

>>

**Instructions (delete this box when filling out the form):**

Indicate whether there have been any changes or modifications are required to the mitigation initiative monitoring plan (including temporary or permanent deviations from the application of the monitoring methodology), from the original monitoring plan that was validated and registered by the COLCX program. If there are changes or modifications, these should be listed indicating those that have been previously approved by the program (e.g. in a previous monitoring period), those that apply as of this monitoring period, and those that may be subsequent. In all cases, the actual and expected approval dates should be indicated.

#### Expected impacts of the aforementioned changes

>>

**Instructions (delete this box when filling out the form):**

The actual and expected impact of changes in the mitigation initiative and monitoring plan on both the registered PDD and the mitigation outcomes expected at the time of registration with the COLCX program should be indicated.

Where applicable, support should be provided on how changes in the mitigation initiative and monitoring plan meet and/or will meet all applicability conditions of the methodology(ies) and tool(s) being applied, including a description of the documents and references that have been considered.

## Information on the monitoring system implemented

### Description of the monitoring system implemented

>>

**Instructions (delete this box when filling out the form):**

A description of the monitoring system that has been implemented as part of the mitigation initiative should be provided in accordance with the guidelines defined by the COLCX program and recorded in the registered PDD. Diagrams and schematics showing all relevant monitoring points that have been implemented shall be included.

### Operation of the implemented monitoring system

>>

**Instructions (delete this box when filling out the form):**

A description of the operation of the monitoring system that has been implemented as part of the mitigation initiative must be provided, indicating the operating conditions and relevant aspects that influence the monitoring of the parameters (e.g., shutdowns, calibrations, etc).

## Monitored Data and Parameters

### Data and parameters established ex-ante

|  |  |
| --- | --- |
| Data / Parameter: |  |
| Methodology(ies) applied |  |
| Units: |  |
| Description: |  |
| Measured, calculated or default data: |  |
| Data source: |  |
| Value applied: |  |
| Monitoring methods and equipment / technologies used: |  |
| Method of calculation (if applicable): |  |
| Quality control and quality assurance procedures: |  |
| Purpose of the data: |  |
| Comments: |  |

Repeat the table as many times as needed.

**Instructions (delete this box when filling out the form):**

The information of the data and parameters that will not be monitored, but were determined at the time of registration of the mitigation initiative, must be presented and remain fixed during the entire crediting period.

This information includes measured data, sampled data, or data collected from other sources (e.g., official statistics, expert judgment, proprietary data, IPCC, trade and scientific literature, etc.).

For each data or parameter the table must be completed considering that when a series of data or multiple values are shown, a table must be used. If necessary, references to spreadsheets can be used.

For each data or parameter, the source of the information should be indicated, stating and justifying the choice of information, providing clear and valid references and, where appropriate, additional documentation. When data and parameter values are based on measurements, a description of the measurement methods and procedures used (e.g. standards used) shall be included, indicating the person/entity responsible for the measurement, the date of the measurement and the results of the measurement.

Regarding the purpose of the data, the following options must be chosen: baseline calculation, project scenario calculation or leakage calculation.

### Ex-post monitored data and parameters

|  |  |
| --- | --- |
| Data / Parameter: |  |
| Methodology(ies) applied |  |
| Units: |  |
| Description: |  |
| Measured, calculated or default data: |  |
| Data source: |  |
| Value applied: |  |
| Monitoring methods and equipment / technologies used: |  |
| Frequency of monitoring or measurement: |  |
| Recording frequency: |  |
| Method of calculation (if applicable): |  |
| Quality control and quality assurance procedures: |  |
| Purpose of the data: |  |
| Comments: |  |

Repeat the table as many times as needed.

>>

**Instructions (delete this box when filling out the form):**

Detailed information on the data and parameters of the implemented mitigation initiative that have been monitored in the monitoring period, according to the recorded monitoring plan, should be included. For each parameter the information in the table should be completed, indicating the source(s) of the data (e.g. records, invoices, etc.) and other required information.

For each data or parameter, the table must be completed considering that when a series of data or multiple values are shown, a table must be used. If necessary, references to spreadsheets can be used.

Quality control and quality assurance procedures to be applied, including equipment and system calibration procedures where applicable, shall be included.

Regarding the purpose of the data, the following options must be chosen, baseline calculation, project scenario calculation or leakage calculation.

## Reporting of GHG Emission Reductions or Removals

### Calculation of baseline emissions or removals

>>

**Instructions (delete this box when filling out the form):**

The ex-post calculation of baseline emissions or removals (or, when applicable the direct calculation of emission reductions or removals) monitored during the crediting period shall be presented, applying all equations reported in the registered PDD according to the methodology(ies) and tool(s) applied. It shall be documented how each equation is applied, so that the calculation can be reproduced.

In all cases a spreadsheet with the relevant data and results must be provided.

### Calculation of current project emissions or removals

>>

**Instructions (delete this box when filling out the form):**

The ex-post calculation of project emissions or removals (or, when applicable the direct calculation of emission reductions or removals) monitored during the crediting period shall be presented, applying all equations reported in the registered PDD according to the methodology(ies) and tool(s) applied. It shall be documented how each equation is applied, so that the calculation can be reproduced.

In all cases, a spreadsheet with the relevant data and results must be provided.

### Leakage calculation

>>

**Instructions (delete this box when filling out the form):**

The ex-post calculation of project leakage monitored during the crediting period shall be presented, applying all equations reported in the registered PDD according to the methodology(ies) and tool(s) applied. It should be documented how each equation is applied, so that the calculation can be reproduced.

In all cases, a spreadsheet with the relevant data and results must be provided.

### Non-permanence Risks

>>

**Instructions (delete this box when filling out the form):**

The calculation of the non-permanence buffer must be presented for the reported monitoring period, ensuring its inclusion and quantification within the monitoring results. This must be aligned with the most recent version of the COLCX non-permanence risk tool.

In all cases, a spreadsheet with the relevant data and results must be provided.

### Calculation of emission reductions or removals

>>

Table 2. Reductions/reductions achieved by the initiative

| Period | Stratum | Baseline emissions or removals | Project emissions or removals | Leakage emissions | Risk of non-permanence | Total |
| --- | --- | --- | --- | --- | --- | --- |
| (tCO2e) | | | | |
| Year 1 | 1 |  |  |  |  |  |
| Year … | … |  |  |  |  |  |
| **TOTAL** | |  |  |  |  |  |

>>

**Instructions (delete this box when filling out the form):**

A summary of the ex-post emission reductions or removals achieved during the monitored period shall be presented, indicating the values in the baseline, project and leakage scenarios. When the monitored period is longer than 1 year, the information on the results achieved shall be disaggregated into annual periods (January to December).

### Comparison of achieved vs. estimated GHG reductions/removals

>>

Table 3. Estimated reductions/removals vs. achieved by the initiative

|  |  |
| --- | --- |
| **GHG reductions or removals achieved in the monitored period (tCO2e)** | **Ex-ante estimated GHG reductions or removals in the PDD for the monitored period (tCO2e)** |
|  |  |

>>

**Instructions (delete this box when filling out the form):**

Present a comparison of the GHG emission reductions or removals achieved by the mitigation initiative during the monitoring period with respect to the amount expected for the same period based on the ex-ante estimate of the registered PDD.

#### Justification of differences between ex-post vs. ex-ante monitored quantities during the monitored period

>>

**Instructions (delete this box when filling out the form):**

Explain the reason for the difference between the GHG emission reductions achieved with respect to the amount based on the ex-ante estimate in the registered PDD; the cause of any increase in GHG emission reductions achieved by the mitigation initiative during the monitored period should be stated, including any information that is different from that stated in the registered PDD.

This section does not apply to AFOLU sector mitigation initiative activities.

## Social and Environmental Reporting

### Social Considerations

>>

**Instructions (delete this box when filling out the form):**

Provide confirmation on the permanence of the social conditions associated with the mitigation initiative, in accordance with the provisions set forth in the registered PDD.

Here it should be described the stakeholder communication mechanisms that have been adopted by the mitigation initiative and explain how they operate in accordance with the provisions defined in the Guide for Stakeholder Consultation COLCX.

A summary of comments received from stakeholders during the monitoring period should also be provided, describing the nature of these comments (e.g. complaints, claims, petitions, etc.). It should also indicate how local stakeholder comments have been dealt with, including a justification as to why they were not addressed (where applicable).

### Environmental Considerations

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**Instructions (delete this box when filling out the form):**

Provide confirmation on the permanence of the environmental conditions associated with the mitigation initiative, in accordance with the provisions set forth in the registered PDD.

### Contribution to Sustainable Development

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**Instructions (delete this box when filling out the form):**

Disclose the contributions made to the Sustainable Development Goals (SDGs) as reported in the project document. It must be ensured that the information demonstrates how the project enhances the achievement of the SDGs over each monitoring period. The most recent version of the COLCX SDG Demonstration Guide must be considered.

This section is mandatory for mitigation initiative activities in the AFOLU sector.

### Compliance with social and environmental safeguards

>>

**Instructions (delete this box when filling out the form):**

Provide confirmation of how the mitigation initiative has complied with the applicable social and environmental safeguards, demonstrating how key areas of interest have been addressed. This includes information shared with all stakeholders, how benefits have been distributed, and measures taken to prevent conflict in the territory (when applicable).

This section is mandatory for mitigation initiative activities in the AFOLU sector.

1. Proponent's Contact Information

>>

|  |  |
| --- | --- |
| Proponent's name: |  |
| Country and city: |  |
| Address: |  |
| Phone: |  |
| Cell phone: |  |
| Email: |  |
| Webpage: |  |
| Name of contact person: |  |
| Position: |  |

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**Instructions (delete this box when filling out the form):**

The table should be completed with the information of the proponent of the mitigation initiative.

*(Signature of the proponent's representative)*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name of the proponent's representative:

Position of the proponent's representative:

Date of signature:

**---**

| **Control of changes to the MR** | | |
| --- | --- | --- |
| ***Version*** | ***Date*** | ***Description*** |
| 1. 1.0 | 1. dd/mm/yyyy | Initial version of the project document |
|  |  |  |
| **History of the COLCX form** | | |
| 1. 1.0 | 1. 13/07/2023 | Initial version. |
| 1. 2.0 | 1. 03/12/2024 | Adjustment to version 1.0 |
| 1. 2.1 | 1. 05/05/2025 | E4 and F4 are adjusted regarding non-permanence risks and SDGs. |
|  | | |