Standardized Crediting Framework (SCF): Article 6 Model for Energy Access Rwanda

Monitoring report for improved cookstoves

*Guidance on how to complete this template is provided in the Annex. Once the monitoring report is complete, the Activity Participant[[1]](#footnote-2) should submit it to the contracted Designated Operational Entity[[2]](#footnote-3) to start the verification process. The Annex can be deleted prior to this submission.*

|  |  |  |  |
| --- | --- | --- | --- |
| **Template version** | 1.0 | **Date approved** | 06/04/2023 |

I. GENERAL ACTIVITY[[3]](#footnote-4) INFORMATION

|  |  |  |
| --- | --- | --- |
| 1 | Activity title |  |
| 2 | National activity lead institution  |  |
| 3 | Activity ID# |  |
| 4 | SCF methodology and version |  |
| 5 | Date of submission of monitoring report |  |
| 6 | Version of submitted report |  |
| 7 | Activity contact: Name |  |
| 8 | Activity contact: Email |  |
| 9 | Activity contact: Phone |  |
| 10 | Activity start date (DD/MM/YYY) |  |
| 11 | Crediting period start date (DD/MM/YYYY) |  |
| 12 | Crediting period end date (DD/MM/YYYY) |  |
| 13 | Monitoring period number |  |
| 14 | Monitoring period start date (DD/MM/YYYY) |  |
| 15 | Monitoring period end date (DD/MM/YYYY) |  |

II. MONITORED DATA

The table below is used to report the data monitored during the course of the activity’s operation to date. Note that not all parameters need to be monitored every year; please refer to the document “Improved cookstoves in Rwanda” for more details. If a parameter is not relevant to the approach chosen for the activity, simply state “not applicable”.

| **Parameter** | **Description** | **Value applied[[4]](#footnote-5)** | **Reference to supporting documentation** |
| --- | --- | --- | --- |
| - | Cookstove owner name and personal identification number | See activity database | Activity database  |
| - | Cookstove owner phone number | See activity database | Activity database |
| - | Cookstove owner address | See activity database | Activity database  |
| - | Unique serial number allocated to the cookstove[[5]](#footnote-6) | See activity database | Activity database  |
| - | Date of sale of the cookstove to the end-user | See activity database | Activity database  |
| - | Primary fuel used before receiving an improved cookstove (i.e., firewood or charcoal) | See activity database | Activity database  |
| - | Type of activity device | See activity database | Activity database  |
| *Ny,i,j* | Cumulative number of activity devices of type i and batch j sold up to year y |
| Type *[insert type]* Batch *[insert code]* | Number in year 1 [*insert year]*Number in year 2 [*insert year]*Number in year *y* [*insert year]* |  |
| Type *[insert type],* Batch *[insert code]**[Insert more rows as needed]* | Number in year 1 [*insert year]*Number in year 2 [*insert year]*Number in year *y* [*insert year]*  |  |
| Date of sale | Date of sale of batch *j* or activity device *i [[6]](#footnote-7)* |
| Type *[insert type],* Batch *[insert code]* | Number in year 1 [*insert year]*Number in year 2 [*insert year]*Number in year *y* [*insert year]* |  |
| Type *[insert type],* Batch *[insert code]**[Insert more rows as needed]* | Number in year 1 [*insert year]*Number in year 2 [*insert year]*Number in year *y* [*insert year]*  |  |
| *Sy,i,j* | Share of activity devices of type *i* and batch *j* operating during year *y[[7]](#footnote-8)* |
| Type *[insert type],* Batch *[insert code]* | Share in year 1 [*insert year]*Share in year 2 [*insert year]*Share in year 3 [*insert year]* |  |
| Type *[insert type],* Batch *[insert code]**[Insert more rows as needed]* | Share in year 1 [*insert year]*Share in year 2 [*insert year]*Share in year 3 [*insert year]* |  |
| $$μ\_{y,i,j}$$ | Adjustment to account for any continued use of pre-activity devices of type *i* and batch *j* operating during year *y* | Value in year 1 [*insert year]*Value in year 2 [*insert year]*Value in year 3 [*insert year]* |  |

III. CALCULATION OF EMISSION REDUCTIONS

The Activity Participant should use the Microsoft Excel spreadsheet “Monitoring calculation cool for improved cookstoves” accompanying this template to calculate the emission reductions. This spreadsheet includes the default values for parameters that are not monitored.

IV. SUMMARY OF EMISSION REDUCTIONS

|  |  |  |
| --- | --- | --- |
| Parameter | Description | Value (tCO2e) |
| $$BE\_{y}$$ | Baseline emissions  |  |
| $$PE\_{y}$$ | Activity emissions  |  |
| $$ER\_{y}$$ | Emissions reductions |  |

V. REFERENCES/DOCUMENTATION

Add extra lines as necessary.

|  |  |
| --- | --- |
| Ref no | Description of documentation |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

ANNEX: GUIDELINES FOR COMPLETING MONITORING REPORT

I. GENERAL ACTIVITY INFORMATION

|  |  |  |
| --- | --- | --- |
|  | **Question** | **Instructions** |
| 1 | Activity title | Copy from listing document |
| 2 | National activity lead institution  | Copy from listing document |
| 3 | Activity ID# | Will be assigned by the Administrator upon listing |
| 4 | SCF methodology and version | Copy from listing document |
| 5 | Date of submission of monitoring template | Enter when the most recent version of template is sent to the Administrator |
| 6 | Version of submitted template | Start with 1.0. If the Administrator or DOE requests clarifications or changes, increase the version number |
| 7 | Activity contact: Name | Copy from listing document |
| 8 | Activity contact: Email | Copy from listing document |
| 9 | Activity contact: Phone | Copy from listing document |
| 10 | Activity start date (DD/MM/YYY) | Copy from listing document |
| 11 | Crediting period start date (DD/MM/YYYY) | Copy from listing document |
| 12 | Crediting period end date (DD/MM/YYYY) | Copy from listing document |
| 13 | First monitoring period end date (DD/MM/YYY) | This should be at least 12 months after the crediting period start date and match the data contained in the monitoring report tool. |

II. MONITORED DATA

| **Parameter** | **Description** | **Value applied** | **Reference to supporting documentation** |
| --- | --- | --- | --- |
| For all options |
| - | Cookstove owner name and personal identification number | List the value applied per activity device  | Activity database  |
| - | Cookstove owner phone number | List the value applied per activity device | Activity database |
| - | Cookstove owner address | List the value applied per activity device  | Activity database  |
| - | Unique serial number allocated to the cookstove[[8]](#footnote-9) | List the value applied per activity device  | Activity database  |
| - | Date of sale of the cookstove to the end user | List the value applied per activity device  | Activity database  |
| - | Primary fuel used before receiving an improved cookstove (i.e., firewood or charcoal) | List the value applied per activity device | Activity database  |
| - | Type of activity device  | List the value applied per activity device | Activity database  |
| *Ny,i,j* | Cumulative number of activity devices of type i and batch j sold up to year y. | List the value applied per stove type and batch up to year y | Provide reference to the activity database that can be verified to confirm |
| Date of sale | Date of sale of batch *j* or activity device *i[[9]](#footnote-10)* | List the value applied per activity device of type i | Provide reference to the activity database that can be verified to confirm |
| *Sy,i,j* | Share of activity devices of type *i* and batch *j* operating during year *y[[10]](#footnote-11)* | List the value applied per activity device of type i, batch j and in year y  | Provide reference to any supporting documentation that can be verified to confirm the value applied in the emission reduction calculations |
| $$μ\_{y}$$ | Adjustment to account for any continued use of pre-activity devices of type *i* and batch *j* operating during year *y*  | List the value applied per year y | Provide reference to any supporting documentation that can be verified to confirm the value applied in the emission reduction calculations |

III. CALCULATION OF EMISSION REDUCTIONS

The Activity Participant should use the Microsoft Excel spreadsheet “Monitoring calculation tool for improved Cookstoves” accompanying this template to calculate the emission reductions. This spreadsheet includes the default values for parameters that are not monitored.

IV. SUMMARY OF EMISSION REDUCTIONS

|  |  |  |
| --- | --- | --- |
|  | **Question** | **Instructions** |
| $$BE\_{y}$$ | Baseline emissions  | Enter values from the emission reduction spreadsheet  |
| $$PE\_{y}$$ | Activity emissions  |
| $$ER\_{y}$$ | Emissions reductions |

V. REFERENCES/DOCUMENTATION

Provide full details of the documentation used to justify the parameters and assumptions presented in earlier section – use reference numbers to refer to these documents in the earlier tables (e.g., in the last column of the table in Section II).

**VERSION HISTORY**

|  |  |  |
| --- | --- | --- |
| Version | Date | Contents revised |
| 1.0 | 06/04/2023 | Initial adoption  |

1. The public or private entity that is the developer or owner of the activity (i.e., project or program) and/or has the legal right to the mitigation outcomes  [↑](#footnote-ref-2)
2. The accredited entity designated under the relevant crediting mechanism, which performs verification of the activity performance and eligibility.  [↑](#footnote-ref-3)
3. Activity refers to the activity (i.e., projects or programs) described in the activity documentation under the CDM, SCF, Article 6.4 Mechanism, or another crediting mechanism, capable of generating emission reductions under a crediting mechanism. [↑](#footnote-ref-4)
4. For parameters that are specific to each consumer, these values are reported in the activity database, which will be subject to verification. [↑](#footnote-ref-5)
5. For households that have more than one improved cookstove, credits can only be claimed for one stove. [↑](#footnote-ref-6)
6. Separate batch sampling is required for devices sold in different calendar years. [↑](#footnote-ref-7)
7. Separate batch sampling is required for devices sold in different calendar years. In regard to the sample size, please refer to the instructions in the methodology monitoring approach. [↑](#footnote-ref-8)
8. For households that have more than one improved cookstove, credits can only be claimed for one stove. [↑](#footnote-ref-9)
9. Separate batch sampling is required for devices sold in different calendar years. [↑](#footnote-ref-10)
10. Separate batch sampling is required for devices sold in different calendar years. [↑](#footnote-ref-11)