



**Gold Standard<sup>®</sup>**  
for the Global Goals

**TEMPLATE**

# MONITORING REPORT

---

**PUBLICATION DATE** 14.10.2020

**VERSION** v. 1.1

**RELATED SUPPORT - TEMPLATE GUIDE** Monitoring Report v. 1.1

---

This document contains the following Sections

Key Project Information

SECTION A. DESCRIPTION OF PROJECT

SECTION B. IMPLEMENTATION OF PROJECT

SECTION C. DESCRIPTION OF MONITORING SYSTEM APPLIED BY THE PROJECT

SECTION D. DATA AND PARAMETERS

SECTION E. CALCULATION OF SDG IMPACTS

SECTION F. SAFEGUARDS REPORTING

SECTION G. STAKEHOLDER INPUTS AND LEGAL DISPUTES

## KEY PROJECT INFORMATION

### Programme of Activity Information – (delete below table if N/A)

|                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>GS ID of Programme</b>                                                     | GS1340                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Title of Programme</b>                                                     | Efficient cookstoves in Burkina Faso (PoA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Version of POA-DD applicable to this monitoring report</b>                 | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Name and GS ID of fully Validated CPA/VPAs (i.e. non compliance check)</b> | <ul style="list-style-type: none"> <li>- GS1340 Efficient cookstoves in Burkina Faso – VPA-01 - tiipaalgā F3PA cookstoves in Bam and Loroum (GS2456)</li> <li>- GS1340 Efficient cookstoves in Burkina Faso – VPA-02 - tiipaalgā F3PA cookstoves in Bam and Loroum (GS3516)</li> <li>- GS1340 Efficient cookstoves in Burkina Faso – VPA-03 - tiipaalgā F3PA cookstoves in Bam and Loroum (GS3517)</li> <li>- GS1340 Efficient cookstoves in Burkina Faso – VPA-04 - tiipaalgā F3PA cookstoves in Bam and Loroum (GS3518)</li> <li>- GS1340 Efficient cookstoves in Burkina Faso – VPA-05 - tiipaalgā F3PA cookstoves in Bam and Loroum (GS3519)</li> <li>- GS1340 Efficient cookstoves in Burkina Faso – VPA-06 - tiipaalgā F3PA cookstoves in Bam and Loroum (GS3520)</li> <li>- GS1340 Efficient cookstoves in Burkina Faso – VPA-07 - tiipaalgā F3PA cookstoves in Bam and Loroum (GS3521)</li> <li>- GS1340 Efficient cookstoves in Burkina Faso – VPA-08 - tiipaalgā F3PA cookstoves in Bam and Loroum (GS3522)</li> <li>- GS1340 Efficient cookstoves in Burkina Faso – VPA-09 - tiipaalgā F3PA cookstoves in Bam and Loroum (GS3523)</li> <li>- GS1340 Efficient cookstoves in Burkina Faso – VPA-10 - tiipaalgā F3PA cookstoves in Bam and Loroum (GS3524)</li> <li>- GS1340 Efficient cookstoves in Burkina Faso – VPA-11– Tiipaalgā – F3PA cookstoves in Kourwéogo (GS6152)</li> <li>- GS1340 Efficient cookstoves in Burkina Faso – VPA-12– Tiipaalgā – F3PA cookstoves in Kourwéogo (GS6419)</li> <li>- GS1340 Efficient cookstoves in Burkina Faso – VPA-13– Tiipaalgā – F3PA cookstoves in Kourwéogo (GS6420)</li> <li>- GS1340 Efficient cookstoves in Burkina Faso - VPA-14 – Improved cookstove F3PA project in Nahouri (GS10778)</li> </ul> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                               |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <ul style="list-style-type: none"> <li>- GS1340 Efficient cookstoves in Burkina Faso - VPA-15 – Improved cookstove F3PA project in Nahouri (GS10779)</li> <li>- GS1340 Efficient cookstoves in Burkina Faso - VPA-16 – Improved cookstove F3PA project in Nahouri (GS10780)</li> <li>- GS1340 Efficient cookstoves in Burkina Faso - VPA-17 – Improved cookstove F3PA project in Nahouri (GS10781)</li> </ul> |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Key Project Information

|                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>GS ID (s) of Project (s)</b>                              | <ul style="list-style-type: none"> <li>- GS2456 (VPA-01)</li> <li>- GS3516 (VPA-02)</li> <li>- GS3517 (VPA-03)</li> <li>- GS3518 (VPA-04)</li> <li>- GS3519 (VPA-05)</li> <li>- GS3520 (VPA-06)</li> <li>- GS3521 (VPA-07)</li> <li>- GS3522 (VPA-08)</li> <li>- GS3523 (VPA-09)</li> <li>- GS3524 (VPA-10)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Title of the project (s) covered by monitoring report</b> | <ul style="list-style-type: none"> <li>- GS1340 Efficient cookstoves in Burkina Faso – VPA-01 - tiipaalgā F3PA cookstoves in Bam and Loroum (GS2456)</li> <li>- GS1340 Efficient cookstoves in Burkina Faso – VPA-02 - tiipaalgā F3PA cookstoves in Bam and Loroum (GS3516)</li> <li>- GS1340 Efficient cookstoves in Burkina Faso – VPA-03 - tiipaalgā F3PA cookstoves in Bam and Loroum (GS3517)</li> <li>- GS1340 Efficient cookstoves in Burkina Faso – VPA-04 - tiipaalgā F3PA cookstoves in Bam and Loroum (GS3518)</li> <li>- GS1340 Efficient cookstoves in Burkina Faso – VPA-05 - tiipaalgā F3PA cookstoves in Bam and Loroum (GS3519)</li> <li>- GS1340 Efficient cookstoves in Burkina Faso – VPA-06 - tiipaalgā F3PA cookstoves in Bam and Loroum (GS3520)</li> <li>- GS1340 Efficient cookstoves in Burkina Faso – VPA-07 - tiipaalgā F3PA cookstoves in Bam and Loroum (GS3521)</li> <li>- GS1340 Efficient cookstoves in Burkina Faso – VPA-08 - tiipaalgā F3PA cookstoves in Bam and Loroum (GS3522)</li> <li>- GS1340 Efficient cookstoves in Burkina Faso – VPA-09 - tiipaalgā F3PA cookstoves in Bam and Loroum (GS3523)</li> </ul> |

|                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                  | <ul style="list-style-type: none"> <li>- GS1340 Efficient cookstoves in Burkina Faso – VPA-10 - tiipaalgas F3PA cookstoves in Bam and Loroum (GS3524)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Version number of the PDD/VPA-DD (s) applicable to this monitoring report</b> | <ul style="list-style-type: none"> <li>- GS2456 (VPA-01): 10</li> <li>- GS3516 (VPA-02): 7</li> <li>- GS3517 (VPA-03): 7</li> <li>- GS3518 (VPA-04): 7</li> <li>- GS3519 (VPA-05): 7</li> <li>- GS3520 (VPA-06): 5</li> <li>- GS3521 (VPA-07): 5</li> <li>- GS3522 (VPA-08): 5</li> <li>- GS3523 (VPA-09): 5</li> <li>- GS3524 (VPA-10): 4</li> </ul>                                                                                                                                                                                                                            |
| <b>Version number of the monitoring report</b>                                   | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Completion date of the monitoring report</b>                                  | 06/04/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Date of project design certification</b>                                      | <ul style="list-style-type: none"> <li>- GS2456 (VPA-01): 10/11/2014</li> <li>- GS3516 (VPA-02): 21/10/2015</li> <li>- GS3517 (VPA-03): 21/10/2015</li> <li>- GS3518 (VPA-04): 21/10/2015</li> <li>- GS3519 (VPA-05): 21/10/2015</li> <li>- GS3520 (VPA-06): 21/10/2015</li> <li>- GS3521 (VPA-07): 21/10/2015</li> <li>- GS3522 (VPA-08): 21/10/2015</li> <li>- GS3523 (VPA-09): 21/10/2015</li> <li>- GS3524 (VPA-10): 20/11/2015</li> </ul>                                                                                                                                   |
| <b>Date of Last Annual Report</b>                                                | N.A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Monitoring period number</b>                                                  | 6 <sup>th</sup> monitoring period                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Duration of this monitoring period</b>                                        | <ul style="list-style-type: none"> <li>- GS2456 (VPA-01): 01/01/2020 – 31/12/2020</li> <li>- GS3516 (VPA-02): 01/01/2020 – 31/12/2020</li> <li>- GS3517 (VPA-03): 01/01/2020 – 31/12/2020</li> <li>- GS3518 (VPA-04): 01/01/2020 – 31/12/2020</li> <li>- GS3519 (VPA-05): 01/01/2020 – 31/12/2020</li> <li>- GS3520 (VPA-06): 01/01/2020 – 31/12/2020</li> <li>- GS3521 (VPA-07): 01/01/2020 – 31/12/2020</li> <li>- GS3522 (VPA-08): 01/01/2020 – 31/12/2020</li> <li>- GS3523 (VPA-09): 01/01/2020 – 31/12/2020</li> <li>- GS3524 (VPA-10): 01/01/2020 – 31/12/2020</li> </ul> |
| <b>Project Representative</b>                                                    | Association tiipaalgas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Host Country</b>                                                              | Burkina Faso                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

|                                                     |                                                                                                                                                                                                                                           |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Activity Requirements applied</b>                | <input checked="" type="checkbox"/> Community Services Activities<br><input type="checkbox"/> Renewable Energy Activities<br><input type="checkbox"/> Land Use and Forestry Activities/Risks & Capacities<br><input type="checkbox"/> N/A |
| <b>Methodology (ies) applied and version number</b> | Gold Standard Simplified Methodology for Efficient Cookstoves - Version 1                                                                                                                                                                 |
| <b>Product Requirements applied</b>                 | <input checked="" type="checkbox"/> GHG Emissions Reduction & Sequestration<br><input type="checkbox"/> Renewable Energy Label<br><input type="checkbox"/> N/A                                                                            |

**Table 1 - Sustainable Development Contributions Achieved**

| Sustainable Development Goals Targeted | SDG Impact                                                                                                                                                                                                                                                                   | Amount Achieved                                                                                                                                                                           | Units/ Products                                                              |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| 13                                     | Number of tCO <sub>2</sub> e reduced by the project                                                                                                                                                                                                                          | VPA-01: 8,400<br>VPA-02: 7,832<br>VPA-03: 9,507<br>VPA-04: 9,908<br>VPA-05: 8,841<br>VPA-06: 9,592<br>VPA-07: 8,535<br>VPA-08: 9,311<br>VPA-09: 10,000<br>VPA-10: 10,000<br>Total: 91,926 | VER                                                                          |
| 1                                      | <b>Parameter #1:</b> Number of leader women (Monitrice endogène) who benefit from microcredit<br><br><b>Parameter #2:</b> Proportion of leader women (Monitrice endogène) participating to microcredit scheme which make benefits from Income Generating Activities financed | Parameter #1: 867<br>Parameter #2: N.A.<br>Parameter #3: N.A.                                                                                                                             | Parameter #1: Persons<br>Parameter #2: Percentage<br>Parameter #3: FCFA or € |

|   |                                                                                                                                                                                    |                                                                                                                                                                                         |            |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
|   | through the microcredit scheme                                                                                                                                                     |                                                                                                                                                                                         |            |
|   | <b>Parameter #3:</b> Total benefit from Income Generating activities financed through the microcredit scheme                                                                       |                                                                                                                                                                                         |            |
|   | Smoke level reduction                                                                                                                                                              | 100%                                                                                                                                                                                    |            |
|   | Incidence of coughing reduction                                                                                                                                                    | 100%                                                                                                                                                                                    |            |
| 3 | Incidence of respiratory illness reduction                                                                                                                                         | 100%                                                                                                                                                                                    | Percentage |
|   | Incidence of itchy eyes reduction                                                                                                                                                  | 100%                                                                                                                                                                                    |            |
|   | <b>Parameter #1:</b> Number of training initiatives for staff involved in the programme                                                                                            | Parameter #1: 1                                                                                                                                                                         |            |
| 4 | <b>Parameter #2:</b> Number of workshops carried out for women                                                                                                                     | Parameter #2: 368                                                                                                                                                                       | Units      |
|   | Proportion of stove users perceiving reduced amount of time spent on wood fuel collection and/or proportion of user perceiving reduced amount of money spent on wood fuel purchase | Reduced amount of time spent on wood fuel collection: 100%<br>Reduced amount of money spent on purchase: 100%                                                                           | Percentage |
| 5 |                                                                                                                                                                                    |                                                                                                                                                                                         |            |
|   |                                                                                                                                                                                    | VPA 01: 8,351<br>VPA 02: 8,390<br>VPA 03: 8,536<br>VPA 04: 9,562<br>VPA 05: 8,067<br>VPA 06: 9,634<br>VPA 07: 8,522<br>VPA 08: 8,171<br>VPA 09: 8,189<br>VPA 10: 7,854<br>Total: 85,276 |            |
| 7 | Number of F3PA efficient cookstoves disseminated                                                                                                                                   |                                                                                                                                                                                         | ICS units  |

**Table 2 – Product Vintages**

|         |             |            | Amount Achieved |
|---------|-------------|------------|-----------------|
| No. VPA | Start Dates | End Dates  | VERs            |
| VPA 1   | 01/01/2020  | 31/12/2020 | 8,400           |
| VPA 2   | 01/01/2020  | 31/12/2020 | 7,832           |
| VPA 3   | 01/01/2020  | 31/12/2020 | 9,507           |
| VPA 4   | 01/01/2020  | 31/12/2020 | 9,908           |
| VPA 5   | 01/01/2020  | 31/12/2020 | 8,841           |
| VPA 6   | 01/01/2020  | 31/12/2020 | 9,592           |
| VPA 7   | 01/01/2020  | 31/12/2020 | 8,535           |
| VPA 8   | 01/01/2020  | 31/12/2020 | 9,311           |
| VPA 9   | 01/01/2020  | 31/12/2020 | 10,000          |
| VPA 10  | 01/01/2020  | 31/12/2020 | 10,000          |

## SECTION A. DESCRIPTION OF PROJECT

### A.1. General description of project

The group of 10 micro-scale voluntary project activities (mVPA's) promotes the distribution and utilisation of the mud made three stones efficient woodstove "F3PA" in the Northern rural zones of Burkina Faso. The 10 mVPA's are all together implemented in the provinces of Bam and Loroum. The F3PA efficient cookstoves replace the traditional open air three stone cooking method whilst respecting the local three stone cooking culture. This is possible as the F3PA efficient cookstove, seen in the figure below integrates the three stones from each household inside its design. These three stones represent the pillar of the household's marital union.

The improved technology F3PA is significantly more efficient than the traditional open fire three stone cooking method. The project activities will thus help reduce wood consumption by more than half in each household and therefore preserve the local forests and their biodiversity. This will also help combat the ever-increasing threat of desertification in the area. The F3PA efficient cookstove has further benefits such as avoiding hazardous open flame systems and reducing the quantity of harmful smoke in the local rural village households. Local families and women also benefit significantly

through a reduction in time spent and distance walked in collecting wood. The project does not consist in a fuel switch as locally available wood is still being used.



Figure 1 F3PA efficient cookstoves

The Monitoring Report applies to the F3PA efficient cookstove which is the primary technology disseminated and progressively installed for households in the rural provinces Bam and Loroum in the north of Burkina Faso within the group of 10 mVPA's. During the sixth monitoring period from 01/01/2020 to 31/12/2020, it is calculated that VPA-01, VPA-02, VPA-03, VPA-04, VPA-05, VPA-06, VPA-07, VPA-08, VPA-09 and VPA-10 have generated **91,926** tonnes of CO<sub>2</sub>eq emission reductions.

## A.2. Location of project

- Host country: Burkina Faso
- Geographical location :

| Province | Municipality | Latitude      | Longitude    |
|----------|--------------|---------------|--------------|
| Bam      | Bourzanga    | 13° 40' 41" N | 1° 32' 46" W |
| Bam      | Rollo        | 13° 35' 58" N | 1° 42' 21" W |
| Loroum   | Ouindigui    | 13° 40' 60" N | 1° 58' 00" W |
| Bam      | Tikaré       | 13° 17' 29" N | 1° 43' 34" W |
| Bam      | Kongoussi    | 13° 19' 33" N | 1° 32' 05" W |
| Bam      | Guibaré      | 13° 06' 00" N | 1° 36' 00" W |
| Bam      | Nasseré      | 13° 20' 00" N | 1° 22' 00" W |
| Bam      | Sabcé        | 13° 11' 52" N | 1° 31' 18" W |
| Bam      | Rouko        | 13° 13' 00" N | 1° 38' 00" W |

- Map:

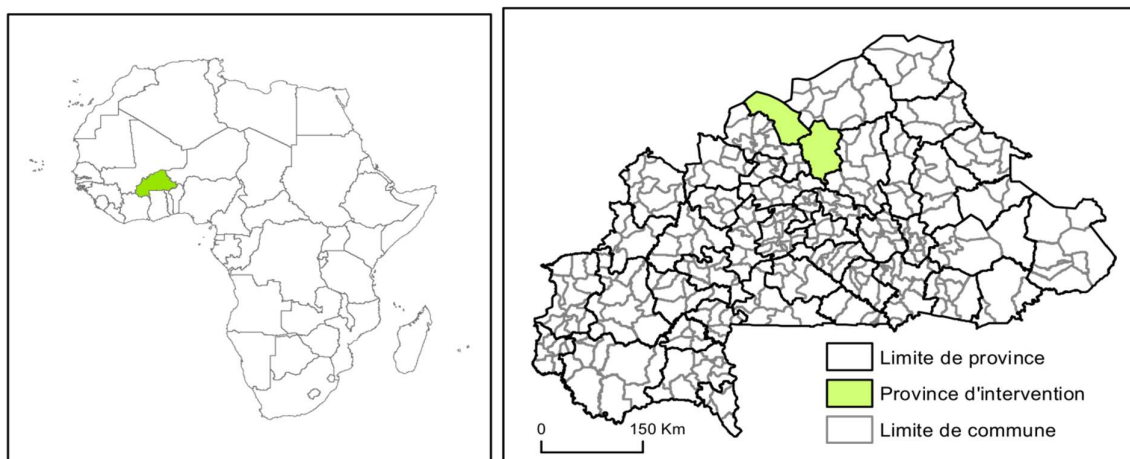


Figure 2 Location of project intervention area

### A.3. Reference of applied methodology

"The Gold Standard Simplified Methodology for Efficient Cookstoves", version 1

### A.4. Crediting period of project

- GS2456 (VPA-01): 05/02/2015 – 10 years;
- GS3516 (VPA-02): 08/02/2015 – 10 years;
- GS3517 (VPA-03): 03/02/2015 – 10 years;
- GS3518 (VPA-04): 06/02/2015 – 10 years;
- GS3519 (VPA-05): 02/02/2015 – 10 years;
- GS3520 (VPA-06): 11/02/2015 – 10 years;
- GS3521 (VPA-07): 14/02/2015 – 10 years;
- GS3522 (VPA-08): 02/02/2015 – 10 years;
- GS3523 (VPA-09): 02/02/2015 – 10 years;
- GS3524 (VPA-10): 11/02/2015 – 10 years.

## SECTION B. IMPLEMENTATION OF PROJECT

### B.1. Description of implemented project

The project activities have served the following number of households with F3PA efficient cookstoves with a corresponding calculated GHG offsets generated during the sixth monitoring period:

| GS/VPA number   | Number of households | Dissemination calendar  | Generated VER's |
|-----------------|----------------------|-------------------------|-----------------|
| GS2456 (VPA-01) | 2,938                | 04/02/2015 – 31/12/2020 | 8,400           |
| GS3516 (VPA-02) | 2,764                | 07/02/2015 – 31/12/2020 | 7,832           |
| GS3517 (VPA-03) | 3,327                | 02/02/2015 – 31/12/2019 | 9,507           |
| GS3518 (VPA-04) | 3,373                | 05/02/2015 – 31/12/2020 | 9,908           |
| GS3519 (VPA-05) | 3,033                | 01/02/2015 – 31/12/2020 | 8,841           |
| GS3520 (VPA-06) | 3,659                | 10/02/2015 – 31/12/2020 | 9,592           |
| GS3521 (VPA-07) | 3,256                | 13/02/2015 – 31/12/2020 | 8,535           |
| GS3522 (VPA-08) | 3,000                | 01/02/2015 – 31/12/2020 | 9,311           |
| GS3523 (VPA-09) | 3,103                | 01/02/2015 – 31/12/2020 | 10,000          |
| GS3524 (VPA-10) | 3,056                | 10/02/2015 – 31/12/2020 | 10,000          |
| <b>Total:</b>   | <b>31,509</b>        |                         | <b>91,926</b>   |

#### B.1.1 Forward Action Requests

N.A.

No forward action requests have been raised after previous verification (MP5).

### B.2. Post-Design Certification changes

B.2.1. Temporary deviations from the approved Monitoring & Reporting Plan, methodology or standardized baseline

No temporary deviations have been made during this monitoring period.

B.2.2. Corrections

No corrections to project information or fixed parameters have been applied.

B.2.3. Changes to start date of crediting period

No change of start date of the project were made.

B.2.4. Permanent changes from the Design Certified monitoring plan, applied methodology or applied standardized baseline

No permanent changes have been made for this monitoring period.

B.2.5. Changes to project design of approved project

No changes to the project design have been made during this monitoring period.

## SECTION C. DESCRIPTION OF MONITORING SYSTEM APPLIED BY THE PROJECT

### Process of unique identification of stove users:

Significant part of the households in the project area are polygamous. Most of the wives within a household included in the carbon project have a cookstove set of at least two F3PA efficient cookstoves of different sizes. The project cookstoves are single pot stoves. As every cooking pot size has its specific size of cookstove, different sizes of project cookstoves have been implemented according to the cooking habits of the stove users. The sizes of the cooking pots and so the cookstoves used in the VPA's are 2, 3, 4, 5, 6, 7, 8, 10, 12 and 15 due to its frequency of utilization. The women using different cookstove sets in a polygamous household are credited as one single household.

The individual identification of the micro scale – VPA's is ensured with the identification of each household and each wife within the household using the project cookstoves by a unique serial number referring to the micro scale VPA's 1 to 10. The syntax of the unique serial number is defined as GS1340-VPA-xx-yyyy/z, where (i) GS1340 is the Gold Standard number of the PoA "Efficient cookstoves in Burkina Faso" to which the VPA belongs, (ii) VPA-xx is the number of the VPA of the PoA, (iii) yyyy is the number of the household from 1 to 9999 and (iv) z is the number of the wife in the household from 1 to 9.

The following information is documented for each household of which each wife of the household (when polygamous) has replaced all traditional three stones cookstoves for domestic use with project cookstoves:

- i. Unique VPA ID number of each household and each wife within the household;
- ii. Type and size of appliance (ex. F3PA – size 2);
- iii. GPS Coordinates of the household;
- iv. Name/Address/national ID Number/Mobile Number/Picture of wife with her project cookstoves;
- v. Stove Installation Date.

All data are stored in an electronic database using AKVO Flow software ([www.akvo.org](http://www.akvo.org)). The following files are raw data files of data stored in the cloud:

- 'DR\_Tiipaalgā\_VPA01-10\_HH\_MP6\_20210528': distribution records (DR) of households with the following data:
  - o Identifier (Unique internal ID number);
  - o GS number: GS PoA-nr / VPA-nr / Household nr;
  - o Location info;
  - o Data on head of household.
- 'DR\_Tiipaalgā\_VPA01-10\_ICs\_MP6\_20210528': data on wives and type of stoves used per wife within the household with the following data:
  - o Identifier (Unique internal ID number) which is the unique key to household info ('DR\_Tiipaalgā\_VPA01-10\_HH\_MP6\_20210528');
  - o Identification data per wife: name, picture of wife with her stoves;
  - o Data on stoves used per wife: size of stoves, installation dates of each stove, location of stoves, ...

The start of the crediting period of each household is considered as the latest installation date of all stoves within the cooking sets of the different wives within the household (see file *'Tiipaalgā\_VPA1-10\_ MP6\_Date recente\_All HH'*). For each household, the number of days in age group 0-1, age group 1-2, age group 2-3, age group 3-4 and age-group 4-5 are calculated based on this date. The file *'Tiipaalgā\_VPA1-10\_ MP6\_Date recente\_All HH'* contains also the sampling frame used for the sampling of the project database required for the monitoring survey. All the households are assigned to an age group (AG) at the date of sampling (11/06/2021) based on their years of usage up to this date.

### Process of project cookstoves renewal:

For the first time since the beginning of the project in 2015, PD decided to conduct renewal activities in 2020 in order to ensure the lasting quality of the project cookstoves. From the last monitoring survey conducted in MP5, it appears that due to the ageing of the project technology, the average usage rate for households equipped with F3PAs in the early stages of the project came closer to 70%. Based on this observation, PD decided to trigger in 2020 the renewal campaigns for the eldest cookstoves, namely the first ones installed in the beginning of the project in 2015. This renewal process was made possible thanks to the revenues generated by the carbon credits issued during the previous performance certifications of the project. The renewal campaign took place in different steps:

- **Initiation:** The renewal campaign for the households equipped with F3PA cookstoves in 2015 started in November 2019. Till the end of this year, animations were conducted by Association tiipaalgā in the concerned villages to prepare the leader women ("monitrices endogènes") for the future renewal processes. Trainings for the F3PA construction and maintenance methods were provided. If they were interested, new leader women could also join the activities and be trained by the facilitators of Association tiipaalgā.
- **Renewal of F3PAs:** Once the F3PA construction and maintenance trainings were completed, the (re)trained women go back to their villages to set up the renewal activities within households. Those activities intended to restore the F3PAs built in 2015 but also the construction of new F3PAs for the households who did not have one.
- **Recording of the households:** Once the renewal process is well established in the villages (from March onwards), the renewed households are updated in a new database. In practice, the tiipaalgā's database manager goes to the village and identifies, with the help of the president of the leader women, all the households from 2015 who participated to the renewal campaigns in 2020. Based on an appreciation on the state of all the F3PAs of all the women of the households, the surveyor decides if the household will be included in the renewal database as part of AG0-1. If one of the F3PA is not in an acceptable state ("red" state, see below); the household will not be included in the renewal database. In this case, the household has until the end of the renewal campaigns (December 2020) to meet the requirements to be included back in the project database; else the household will be removed from the database. On the other hand, the surveyor visits also the households which were not initially included in 2015 database but who now

also have F3PAs cookstoves set thanks to the renewal activities. If those households meet the requirements, they are also included as new households (AG0-1) in the renewal database. Figure 3 presents a diagram of the state of the database for MP6.

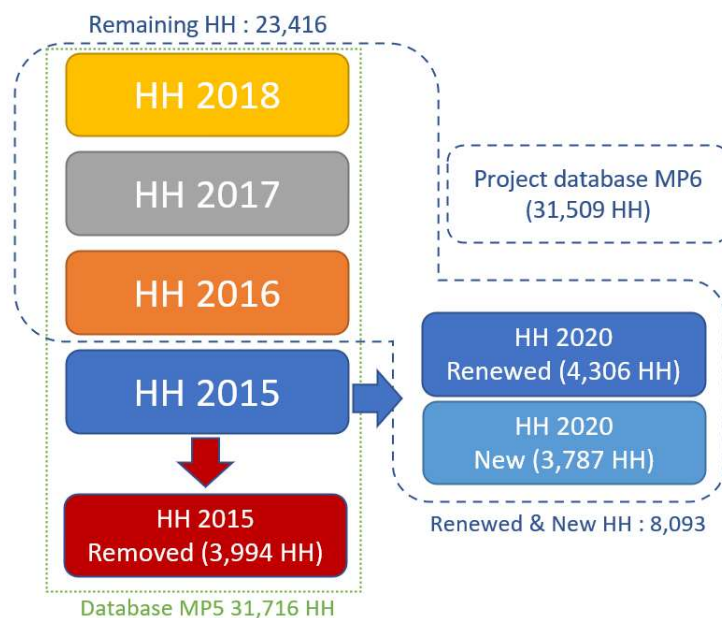


Figure 3 Repartition of MP6 households (HH) database

### Data concerning double counting:

The project developer tiipaalga monitors any risks of double counting in this project, specifically determining whether any of the efficient cookstoves part of this project are counted in any other emission reduction project. There are other registered GHG reduction projects in Burkina Faso promoting the F3PA efficient cookstoves. Among those, one project is implemented in the province Kourwéogo in the Plateau Central region (VPA-11 to 13, GS6152-6419-6420) under the same PoA GS1340. Another project under this PoA is located in the Center-South region of Burkina Faso, in the province of Nahouri, ie VPA's 14 to 17 and VPA 29 (GS10778 to GS10781 and GS11074). Those two projects are also monitored by Association tiipaalga, that ensures there is no double counting. Association tiipaalga is also aware of another cookstove project<sup>1</sup> in Burkina Faso registered under the Gold Standard. However, this project promotes a different kind of stoves rather for non-domestic cooking purposes. Association tiipaalga continues to monitor whether any other projects with same technology exist. In such cases, tiipaalga will make every effort to compare total

<sup>1</sup> The project (<https://registry.goldstandard.org/projects/details/665>) is an initiative of SNV, the Netherland Development Organization, to promote improved "dolo" stoves in the Boucle du Mouhoun Region of Burkina Faso. These stoves are used for brewing of "Dolo", a traditional local drink made from sorghum which is consumed during any ceremony, rituals, festivities and non-special occasions.

distribution databases with the other project developer(s) to ensure that there is no overlap. In addition, the project continues to use all legal documentation outlined in the VPA-DD to ensure legal ownership over offsets, a step that further avoids double counting.

#### **Data processing and archiving:**

Distribution records are captured with Smartphones using the AKVO Flow software with necessary pictures and GPS coordinates. Monitoring data are extracted to Microsoft Excel for analyses. Records will be kept for two years after the project activity is completed.

#### **Quality assurance and quality control measures**

Quality control rules were developed for the F3PA efficient cookstoves and were explained during the stove construction trainings. Quality control rules included in the construction protocol of the F3PA efficient cookstove are among others:

- It should be possible to move a hand between the wall of the cookstove and the cookpot;
- The height of the wood entrance of the cookstove is at most half the total height of the cookstove;
- The distance between the cooking pot and floor of cookstove should either not be higher than a hand or the handles of the cooking pot should be higher than the wall of the cookstove.

During monitoring surveys the F3PA efficient cookstoves are evaluated with the following statuses:

- Green: the construction norms have been respected and the F3PA efficient cookstove does not need any maintenance action. It means that (i) the outer surface of the F3PA efficient cookstove are not washed by rain, (ii) there is no hole in the floor of the efficient stove;
- Orange: the construction norms have been respected, but the efficient cookstove has not well been maintained. It concerns F3PA efficient cookstoves (i) from which the outer surface has been washed by rain and that need re-polishing; (ii) that have some cracks, but which are external and do not affect the quality of the combustion of the wood. For these cases, the application of the reparation protocol will fix the cracks and repolish the surface, so that the status will turn again into green.
- Red: the construction norms are not respected, or the F3PA efficient cookstoves have not been well maintained or used in a proper way. If the F3PA efficient cookstove has not been well constructed, the cookstove will not be registered in the initial database. A red cookstove needs to be reconstructed.

Orange cookstoves will be monitored, so that the maintenance activities of these stoves bring them again in green status. If these maintenance activities do not take place, they probably will in the short term, get into the red status. Orange F3PA efficient cookstoves are considered to have the same efficiency as the green F3PA efficient cookstoves of the same age group. The red F3PA efficient cookstoves will be monitored, as long as the cookstove has not been reconstructed. After reconstruction/renewal, the

status of the F3PA efficient cookstove will turn to green. Red F3PA efficient cookstoves do not have the targeted efficiency of the F3PA efficient cookstove anymore, and so are not considered in the emission reduction calculations as long as they are not reconstructed.

The Association tiipaalga also organises theatrical performances<sup>2</sup> to sensitize households and MEs on the adoption of the F3PA technology and on how to rebuild the old F3PAs to facilitate the diffusion-construction of F3PAs in new households and to encourage maintenance, repair and protection of F3PAs in old households.

### Diagram of responsibilities

As there are several entities involved in initial data collection and project monitoring it is important to clearly designate the relationships between and responsibilities of entities. Tiipaalga will act as the managing entity of the project and be responsible for communication with the Gold Standard Foundation and the Objective Observer. CO2logic provides technical support in the initial data collection, data quality assurance, monitoring, drafting of the verification report. A diagram of responsibilities is shown here below.

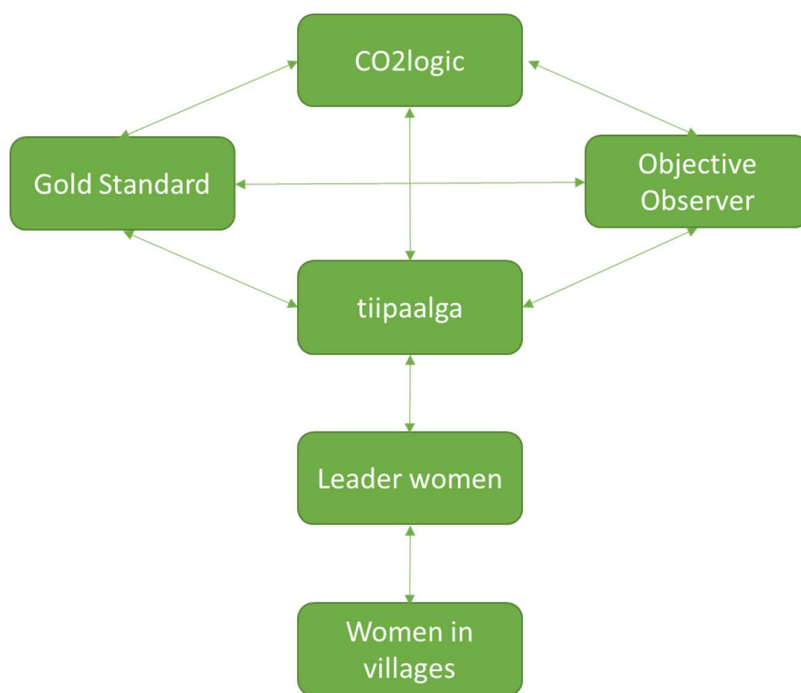


Figure 4 Diagram of responsibilities

<sup>2</sup> Report see file 'Rapport-Prestation\_Théâtrale\_tiipaalga\_2020-with comments'.

Employees from Association tiipaalga train leader women, who are selected by the women in the villages, for the construction, the use and maintenance of mud made 3 stones efficient woodstoves. These leader women conduct the same training sessions with the women in their villages and help them to build the cookstoves. tiipaalga employees in collaboration with the leader women, will perform quality checks and collect the initial stove data.

End user information is collected by tiipaalga agents with mobile smartphone and is consolidated into an electronic database in the cloud from which project monitoring can be conducted. The central electronic database is accessible by tiipaalga and CO2logic. Data can be made available through data extraction. CO2logic performs quality checks. Monitoring tasks such as monitoring surveys are managed by tiipaalga and realized by the tiipaalga surveyors. They are the most capable of collecting these data because of extensive knowledge of the technology and end-users. The tiipaalga surveyors are trained and retrained prior conducting surveys during a 5-days training session which was this year conducted from 30/03/2021 till 03/04/2021<sup>3</sup>. CO2logic assists tiipaalga in cross-checking the integrity of data with other variables to ensure consistency and accuracy, and to avoid mistakes.

## SECTION D. DATA AND PARAMETERS

### D.1. Data and parameters fixed ex ante or at renewal of crediting period

| Relevant SDG Indicator                               | SDG 13, Climate Action                                                                                            |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Data/parameter:</b>                               | <b>EF<sub>b,fuel,CO2</sub></b>                                                                                    |
| Unit                                                 | tCO <sub>2</sub> /ton of firewood                                                                                 |
| Description                                          | CO <sub>2</sub> emission factor arising from use of firewood in baseline scenario                                 |
| Source of data                                       | IPCC default value, table 1.4 of chapter 1 of Vol.2, 2006 IPCC Guidelines for National Greenhouse Gas Inventories |
| Value(s) applied)                                    | 1.747 tCO <sub>2</sub> /ton of firewood                                                                           |
| Choice of data or measurement methods and procedures | As defined under the Gold Standard Simplified Methodology for Efficient Cookstoves                                |
| Purpose of data                                      | Calculation of emission reductions                                                                                |
| Additional comments                                  | N/A                                                                                                               |

| Relevant SDG Indicator | SDG 13, Climate Action |
|------------------------|------------------------|
|------------------------|------------------------|

<sup>3</sup> Report of the training session, see document: 'Compte rendu de formation des enquêteurs verification An6\_with comments'.

|                                                      |                                                                                                                    |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Data/parameter:</b>                               | <b>EF<sub>b,fuel,non_CO2</sub></b>                                                                                 |
| Unit                                                 | tCO <sub>2</sub> /ton of firewood                                                                                  |
| Description                                          | Non-CO <sub>2</sub> emission factor arising from use of firewood in baseline scenario                              |
| Source of data                                       | IPCC default values, table 2.9 of chapter 2 of Vol.2, 2006 IPCC Guidelines for National Greenhouse Gas Inventories |
| Value(s) applied)                                    | 0.53 tCO <sub>2</sub> e/ton of firewood                                                                            |
| Choice of data or measurement methods and procedures | As defined under The Gold Standard Simplified Methodology for Efficient Cookstoves                                 |
| Purpose of data                                      | Calculation of emission reductions                                                                                 |
| Additional comments                                  | N/A                                                                                                                |

| Relevant SDG Indicator                               | SDG 13, Climate Action                                                             |
|------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>Data/parameter:</b>                               | <b>η<sub>b</sub></b>                                                               |
| Unit                                                 | Fraction                                                                           |
| Description                                          | Efficiency of the cookstove being used in the baseline scenario                    |
| Source of data                                       | Gold Standard Simplified Methodology for Efficient Cookstoves                      |
| Value(s) applied)                                    | 0.10                                                                               |
| Choice of data or measurement methods and procedures | As defined under the Gold Standard Simplified Methodology for Efficient Cookstoves |
| Purpose of data                                      | Calculation of emission reductions                                                 |
| Additional comments                                  | N/A                                                                                |

| Relevant SDG Indicator | SDG 13, Climate Action                                         |
|------------------------|----------------------------------------------------------------|
| <b>Data/parameter:</b> | <b>η<sub>p</sub></b>                                           |
| Unit                   | Fraction                                                       |
| Description            | Efficiency of the cookstove being used in the project scenario |
| Source of data         | Determined following the Water Boiling Test Protocol           |

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Value(s) applied)                                    | 0.234 <sup>4</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Choice of data or measurement methods and procedures | As defined under the Gold Standard Simplified Methodology for Efficient Cookstoves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Purpose of data                                      | Calculation of emission reductions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Additional comments                                  | <p>For each wife of one household included in the VPA, at least two efficient cookstoves of the defined project sizes 2, 3, 4, 5, 6, 7, 8, 10, 12 and 15 will be installed according to the local cooking habits. Each size of project cookstove is tested according to the WBT protocol. To determine the project cookstove efficiency of one particular size, three sample runs have been carried out on one randomly selected project cookstove. The average of the three results is taken as the efficiency for the project cookstove of this particular size.</p> <p>The lowest value of project cookstove efficiency of the various sizes is taken as reference value for the efficiency of the cookstoves being used in the project scenario to calculate the emission reductions.</p> <p>The project cookstove efficiency in the year <math>y</math> <math>\eta_{p,y}</math> will be determined using the discount factor <math>DF_{\eta}</math> to account for efficiency loss of project cookstove per year of operation (fraction).</p> |

| Relevant SDG Indicator                               | SDG 13, Climate Action                                                                                                                                                                                       |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data/parameter:                                      | $f_{NRB,b,y}$                                                                                                                                                                                                |
| Unit                                                 | Fractional non-renewability                                                                                                                                                                                  |
| Description                                          | Non-renewability status of wood fuel during year $y$                                                                                                                                                         |
| Source of data                                       | Default NRB value provided by the CDM executive board and endorsed by the host country DNA ( <a href="http://cdm.unfccc.int/DNA/fNRB/docs/burkina.pdf">http://cdm.unfccc.int/DNA/fNRB/docs/burkina.pdf</a> ) |
| Value(s) applied)                                    | 0.90                                                                                                                                                                                                         |
| Choice of data or measurement methods and procedures | As defined under the Gold Standard Simplified Methodology for Efficient Cookstoves                                                                                                                           |
| Purpose of data                                      | Calculation of emission reductions                                                                                                                                                                           |

<sup>4</sup> Rapport sur les tests de performances énergétiques des Foyers trois pierres améliorés (F3PA) de l'association Tiipaalg, Laboratoire Biomasse Energie et Biocarburant de ZIE, Ouagadougou, July 2015 (see document « *tiipaalg\_Rapport de tests de performance énergétiques\_F3PA\_24\_07\_2015\_VF.pdf* » or in English : « *tiipaalg\_Report WBT thermal efficiency\_F3PA\_24\_07\_2015\_VF\_EN* »)

|                     |                                                                                         |
|---------------------|-----------------------------------------------------------------------------------------|
| Additional comments | The project activity may choose to update the $f_{NRB,b,y}$ during the crediting period |
|---------------------|-----------------------------------------------------------------------------------------|

| Relevant SDG Indicator                               | SDG 13, Climate Action                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Data/parameter:</b>                               | <b>B<sub>b,y</sub></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Unit                                                 | Tonnes firewood per household per year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Description                                          | Firewood consumption for cooking in the baseline                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Source of data                                       | Average household size within the project boundary is determined for each VPA using data from the latest population census in 2006 of the National Institute for Statistics and Demography <sup>5</sup> . The minimum service level or the default baseline biomass consumption according the Gold Standard Simplified Methodology for Efficient Cookstoves is set at 0.5 tonnes per capita per year.                                                                                                                                                                                    |
| Value(s) applied)                                    | VPA-01 – Bourzanga: 3.39<br>VPA-02 – Bourzanga: 3.39<br>VPA-03 – Rollo: 3.33<br>VPA-04 – Ouindigui: 3.53<br>VPA-05 – Tikaré: 3.41<br>VPA-06 – Kongoussi: 3.03<br>VPA-07 – Kongoussi : 3.03<br>VPA-08 – Guibaré : 3.44<br>VPA-09 – Nasséré and Sabcé: 3.74<br>VPA-10 – Rouko and Sabcé : 3.78                                                                                                                                                                                                                                                                                             |
| Choice of data or measurement methods and procedures | Option c of Minimum service level has been chosen to determine the firewood consumption for cooking in the baseline as detailed information per municipality on average household size is available in the “Recensement général de la population et de l'habitation (RGPH) de 2006 du Burkina Faso” or the general census of the population and habitat of Burkina Faso, table 15. Other sources show that the population in Burkina Faso is growing each year <sup>6</sup> . This means that the used value can be considered as conservative to calculate the CO2 reduction emissions. |
| Purpose of data                                      | Calculation of emission reductions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Additional comments                                  | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

<sup>5</sup> INSD, recensement général de la population et de l'habitation de 2006, juillet 2008, Ministère de l'Economie et des Finances, p43 (tableau 15), 52 pages (document *Resultats\_definitifs\_RGPH\_2006*)

<sup>6</sup> INSD, Annuaire Statistique 2011, Ministère de l'Economie et des Finances, Edition 2013, p24 - 27 (table 02.18), 420 p.) – Document *Annuaire\_statistiques\_finale2011*

## D.2 Data and parameters monitored

| Relevant SDG Indicator            | SDG 1, No poverty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data/ Parameter                   | <b>Number of leader women (Monitrice endogène) who benefit from microcredit</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Unit                              | Number of persons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Description                       | Number of leader women (Monitrice endogène) who benefit from microcredit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Source of data                    | Reports regarding the implementation of microcredit scheme for leader women involved in the project: see document ' <i>Rapport_Mise en place_Micro Crédit_An4_with comments</i> ', pg 10.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Value(s) applied                  | 867                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Measurement methods and procedure | The measurement of the parameter is based on qualitative information collected in the reports regarding the microcredit scheme.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Monitoring frequency              | Annual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| QA/QC procedures                  | The data has been reviewed in the reports regarding the microcredit scheme, which is made available for review.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Purpose of data                   | Calculation of the parameter "Number of leader women (Monitrice endogène) who benefit from microcredit"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Additional comment                | <p>In the fourth phase of the implementation of the Tiipaalga microcredit scheme 867 monitrices endogènes received 24,000,000 FCFA or 36,641 € on their microcredit account for the finance of income generating activities (see Table 5 on page 10 of document '<i>Rapport_Mise en place_Micro Crédit_An4_with comments</i>').</p> <p>During the last monitoring period (2019 or MP5), it was the 3<sup>rd</sup> cycle of implementation of micro-credit scheme. This cycle included 54 villages, a total of 35,451,900 FCFA was initially available at the beginning of 3<sup>rd</sup> cycle. This amount corresponds to the reinvested amount from cycle 2 (2018). At the end of 3<sup>rd</sup> cycle, the beneficiaries generated thanks to the granted money allowed to reinvest a total of 32,736,050 FCFA made available for next cycle (cycle 4).</p> <p>More information can be found in document : '<i>Rapport_Bilan_FAME-AGR_3ème cycle_Villages an1_wc</i>' Table 4 page 18.</p> <p>During this monitoring period (2020 or MP6), it was the 4<sup>th</sup> cycle of implementation of micro-credit scheme. This cycle included 48 villages, a total of 24,000,000 FCFA was made available at the end of 4<sup>th</sup> cycle (23/11/2020). This amount corresponds to the granted amount by tiipaalga to the 867 'monitrices endogènes', it will be used to finance income generating activities during cycle 5 (2021).</p> |

|  |                                                                       |
|--|-----------------------------------------------------------------------|
|  | See document: 'Rapport_Mise en place_Micro Crédit_An4_with comments'. |
|--|-----------------------------------------------------------------------|

| Relevant SDG Indicator            | SDG 1, No poverty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data/ Parameter                   | <b>Proportion of leader women (Monitrice endogène) participating to microcredit scheme which make benefits from Income Generating Activities financed through the microcredit scheme</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Unit                              | Fraction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Description                       | Number of leader women (Monitrice endogène) participating to microcredit scheme which make benefits from Income Generating Activities financed through the microcredit scheme / Number of leader women (Monitrice endogène) participating to the microcredit scheme                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Source of data                    | N.A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Value(s) applied                  | N.A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Measurement methods and procedure | The measurement of the parameter is based on qualitative information collected in the reports regarding the microcredit scheme.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Monitoring frequency              | After each implementation phase of the microcredit scheme                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| QA/QC procedures                  | The data has been reviewed in the reports regarding the microcredit scheme, which is made available for review.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Purpose of data                   | Calculation of the parameter "Proportion of leader women (Monitrice endogène) participating to microcredit scheme which make benefits from Income Generating Activities financed through the microcredit scheme"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Additional comment                | <p>The parameter is not yet available as the amount granted to leader women has been provided at the end of the monitoring period (23/11/2020). Therefore, it is impossible to determine the benefit resulting from Income Generating Activities managed by the leader women (Monitrice endogène) and made possible thanks to the granted amount. The information regarding the proportion of leader women (Monitrice Endogène) participating to microcredit scheme which make benefits from IGA will be available in the next monitoring report as the beneficiaries will make use the granted money.</p> <p>A total of 24,000,000 FCA or 36,641 € has been granted to 867 leader women within 48 villages included in the project intervention area.</p> <p>During the last monitoring period (2019 or MP5), it was the 3<sup>rd</sup> cycle of implementation of micro-credit scheme. This cycle included 54 villages, a total of 35,451,900 FCFA was initially available at the beginning of 3<sup>rd</sup> cycle. This amount corresponds to the reinvested amount from cycle 2 (2018). At the end of 3<sup>rd</sup> cycle, the beneficiaries generated thanks</p> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>to the granted money allowed to reinvest a total of 32,736,050 FCFA made available for next cycle (cycle 4).</p> <p>More information can be found in document : <i>'Rapport_Bilan_FAME-AGR_3ème cycle_Villages an1_wc'</i> Table 4 page 18.</p> <p>During this monitoring period (2020 or MP6), it was the 4<sup>th</sup> cycle of implementation of micro-credit scheme. This cycle included 48 villages, a total of 24,000,000 FCFA was made available at the end of 4<sup>th</sup> cycle (23/11/2020). This amount corresponds to the granted amount by tiipaalga to the 867 'monitrices endogènes', it will be used to finance income generating activities during cycle 5 (2021).</p> <p>See document: <i>'Rapport_Mise en place_Micro Crédit_An4_with comments'</i>.</p> |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| Relevant SDG Indicator            | SDG 1, No poverty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data/ Parameter                   | <b>Total benefit from Income Generating activities financed through the microcredit scheme</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Unit                              | FCFA and/or €                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Description                       | Total amount in FCFA or € of benefit generated by Income Generating Activities which are managed by the leader women (Monitrice endogène) and funded by the microcredit scheme                                                                                                                                                                                                                                                                                                                                                                    |
| Source of data                    | N.A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Value(s) applied                  | N.A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Measurement methods and procedure | The measurement of the parameter is based on qualitative information collected in the reports regarding the microcredit scheme.                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Monitoring frequency              | After each implementation phase of the microcredit scheme                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| QA/QC procedures                  | The data has been reviewed in the reports regarding the microcredit scheme, which is made available for review.                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Purpose of data                   | Calculation of the parameter "Total benefit from Income Generating activities financed through the microcredit scheme"                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Additional comment                | The parameter is not yet available as the amount granted to leader women has been provided at the end of the monitoring period (23/11/2020). Therefore, it is impossible to determine the benefit resulting from Income Generating Activities managed by the leader women (Monitrice endogène) and made possible thanks to the granted amount. The information regarding the total benefit from IGA financed through the microcredit scheme will be available in the next monitoring report as the beneficiaries will make use the granted money. |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>A total of 24,000,000 FCA or 36,641 € has been granted to 867 leader women within 48 villages included in the project intervention area.</p> <p>During the last monitoring period (2019 or MP5), it was the 3<sup>rd</sup> cycle of implementation of micro-credit scheme. This cycle included 54 villages, a total of 35,451,900 FCFA was initially available at the beginning of 3<sup>rd</sup> cycle. This amount corresponds to the reinvested amount from cycle 2 (2018). At the end of 3<sup>rd</sup> cycle, the beneficiaries generated thanks to the granted money allowed to reinvest a total of 32,736,050 FCFA made available for next cycle (cycle 4).</p> <p>More information can be found in document : <i>'Rapport_Bilan_FAME-AGR_3ème cycle_Villages an1_wc'</i> Table 4 page 18.</p> <p>During this monitoring period (2020 or MP6), it was the 4<sup>th</sup> cycle of implementation of micro-credit scheme. This cycle included 48 villages, a total of 24,000,000 FCFA was made available at the end of 4<sup>th</sup> cycle (23/11/2020). This amount corresponds to the granted amount by tiipaalga to the 867 'monitrices endogènes', it will be used to finance income generating activities during cycle 5 (2021).</p> <p>See document: <i>'Rapport_Mise en place_Micro Crédit_An4_with comments'</i>.</p> |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| Relevant SDG Indicator            | SDG 3, Good health and well-being                                                                                                                                                                                                      |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data/ Parameter                   | <b>Proportion of households perceiving less often smoke levels, incidence of coughing, incidence of respiratory illness, incidence of itchy eyes</b>                                                                                   |
| Unit                              | Fraction                                                                                                                                                                                                                               |
| Description                       | Proportion of households perceiving less often smoke levels, incidence of coughing, incidence of respiratory illness, incidence of itchy eyes since the implementation of F3PA efficient cookstoves                                    |
| Source of data                    | Monitoring survey, see document <i>'GS1340_VPA1-10_MP6_MS'</i> / Tab 'Analysis'.                                                                                                                                                       |
| Value(s) applied                  | Smoke level reduction: 100%<br>Incidence of coughing reduction: 100%<br>Incidence of respiratory illness reduction: 100%<br>Incidence of itchy eyes reduction: 100%                                                                    |
| Measurement methods and procedure | The measurement of the parameter is based on qualitative information collected during Monitoring surveys. The end users are asked whether, since they have the F3PA efficient cookstoves, smoke level occurs for each more often, less |

|                      |                                                                                                                                                                              |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      | often among the family members or the situation has not changed. The same is asked for coughing, respiratory illnesses and itchy eyes.                                       |
| Monitoring frequency | Annual                                                                                                                                                                       |
| QA/QC procedures     | The data is analyzed in the monitoring report and raw data of the Monitoring surveys is made available for review.                                                           |
| Purpose of data      | Calculation of the parameter "Proportion of households perceiving less often smoke levels, incidence of coughing, incidence of respiratory illness, incidence of itchy eyes" |
| Additional comment   | N.A.                                                                                                                                                                         |

| Relevant SDG Indicator            | SDG 4, Quality Education                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data/ Parameter                   | <b>Number of training initiatives for staff involved in the programme</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Unit                              | Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Description                       | Number of training initiatives for staff involved in the programme in order to increase their performance in the programme                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Source of data                    | Reports regarding the training initiatives<br>See document ' <i>Compte rendu de formation des enquêteurs verification An6_with comments</i> '.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Value(s) applied                  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Measurement methods and procedure | The list of training initiatives during the corresponding monitoring period                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Monitoring frequency              | Annual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| QA/QC procedures                  | The data is analyzed in the reports regarding the training initiatives, which is made available for review                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Purpose of data                   | Calculation of the parameter "Number of trainings initiatives for staff involved in the programme"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Additional comment                | <p>Starting from the Tuesday 30<sup>th</sup> of March, six surveyors received a 5-day training under the supervision of two members of Association tiipaalg. The purpose of the training was to teach the fundamentals of the usage survey with a theoretical and practical phase and to familiarize with the used tools (Akvo software). The surveyors were ultimately able to collect quality data from the households on the field for the purpose of the monitoring survey. More details regarding the training and the participants list can be found in document: '<i>Compte rendu de formation des enquêteurs verification An6_with comments</i>'.</p> <p>In total 1 training has been organized during the monitoring period:<br/>Training initiative:</p> <ul style="list-style-type: none"> <li>- March and April 2020: 5 days;</li> <li>- Tiipaalg office in Ouagadougou and field tests;</li> <li>- 8 participants</li> </ul> |

|  |                                                                                                                                                                                                                                                                 |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <ul style="list-style-type: none"> <li>- Utilization of smartphones with AKVO Flow software for monitoring survey (of the sixth verification);</li> </ul> <p>See document '<i>Compte rendu de formation des enquêteurs verification An6_with comments</i>'.</p> |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| Relevant SDG Indicator            | SDG 4, Quality Education                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data/ Parameter                   | Number of workshops carried out for women                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Unit                              | Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Description                       | Number of workshops carried out for women in order to increase their empowerment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Source of data                    | <p>Reports regarding the workshops carried out for women.</p> <p>Complete summary can be found in documents '<i>Synthèse formations-recyclages-animations-sensibilisation_2020_F3PA BAM-LOROUM_with comments</i>' and '<i>Synthèse_ formations-recyclages-animations-sensibilisations_2020_F3PA-Bam</i>'.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Value(s) applied                  | 368                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Measurement methods and procedure | The list of workshops carried out for women during the corresponding monitoring period                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Monitoring frequency              | Annual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| QA/QC procedures                  | The data is analyzed in the reports regarding the workshops carried out for women, which is made available for review                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Purpose of data                   | Calculation of the parameter "Number of workshops carried out for women"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Additional comment                | <p>Two types of workshops were organized: 1) sensitization workshops; and 2) training workshops of leader women for the construction and renewal of F3PA efficient cookstoves. During the sensibilization sessions different activities were conducted:</p> <ul style="list-style-type: none"> <li>i. Stove users are informed about the advantages of the project cookstoves for the climate and desertification of the project area, tiipaalga's activities, on how the banco or mud should be prepared for the construction of the cookstoves etc.</li> <li>ii. Beneficiaries of the micro-credit schemes are informed towards the modality and good practices of the lending money principles;</li> <li>iii. Theatrical performances<sup>7</sup> to sensitize households and MEs on the adoption of the</li> </ul> |

<sup>7</sup> Report see document '*Rapport-Prestation\_Théâtrale\_tiipaalga\_2020-with comments*'

F3PA technology and on how to rebuild the old F3PAs to facilitate the diffusion-construction of F3PAs in new households and to encourage maintenance, repair and protection of F3PAs in old households

During training sessions leader women are trained on how the F3PA efficient cookstoves should be constructed and maintained.

In total, 10,817 participants were present during the workshops; 90% of which were women. A complete summary of the different sessions can be found in documents : 'Synthèse formations-recyclages-animations-sensibilisation\_2020\_F3PA BAM-LOROUM\_with comments' and 'Synthèse\_ formations-recyclages-animations-sensibilisations\_2020\_F3PA-Bam'.

The following table gives an overview of the number of sessions and number of participants:

|              | Sensitization sessions |              | Training workshops of leader women |              | Total      |              |
|--------------|------------------------|--------------|------------------------------------|--------------|------------|--------------|
|              | # sessions             | # women      | # sessions                         | # women      | # sessions | # women      |
| <b>Total</b> | <b>304</b>             | <b>7,968</b> | <b>64</b>                          | <b>1,723</b> | <b>368</b> | <b>9,691</b> |

Evidences of the sensitisation sessions and training workshops can be found in following documents:

- COMPTE RENDU FORMATION - TIKARE.pdf
- COMPTE RENDU FORMATION - GUIBARE.pdf
- COMPTE RENDU FORMATION - KONGOUSSI 1.pdf
- COMPTE RENDU FORMATION - KONGOUSSI 2.pdf
- COMPTE RENDU FORMATION -ROLLO.pdf
- COMPTE RENDU FORMATION -SABCE.pdf
- Formatio 2020 Manegtaba\_ Pendgo.pdf
- Formation 2eme sem 2020 Barakana.pdf
- Formation 2eme sem 2020 Barsa.pdf
- Formation 2eme sem 2020 Bilga-Mossi.pdf
- Formation 2eme sem 2020 Bognam-Mossi.pdf
- Formation 2eme sem 2020 Bokin.pdf
- Formation 2eme sem 2020 Boubou.pdf
- Formation 2eme sem 2020 Boulguin.pdf
- Formation 2eme sem 2020 Bouna.pdf

- *Formation 2eme sem 2020 Dargouma.pdf*
- *Formation 2eme sem 2020 Darigma.pdf*
- *Formation 2eme sem 2020 Doussaré.pdf*
- *Formation 2eme sem 2020 Fénéguéné.pdf*
- *Formation 2eme sem 2020 Foutanga.pdf*
- *Formation 2eme sem 2020 Gougré.pdf*
- *Formation 2eme sem 2020 Hitté.pdf*
- *Formation 2eme sem 2020 Igondéga.pdf*
- *Formation 2eme sem 2020 Kagarin.pdf*
- *Formation 2eme sem 2020 Karentenga.pdf*
- *Formation 2eme sem 2020 Kiella.pdf*
- *Formation 2eme sem 2020 Kilou.pdf*
- *Formation 2eme sem 2020 Kobesseré.pdf*
- *Formation 2eme sem 2020 Kolladé.pdf*
- *Formation 2eme sem 2020 Kora-Mossi.pdf*
- *Formation 2eme sem 2020 Koundla.pdf*
- *Formation 2eme sem 2020 Kourpellé.pdf*
- *Formation 2eme sem 2020 Napalgué.pdf*
- *Formation 2eme sem 2020 Ouampèga.pdf*
- *Formation 2eme sem 2020 Oui.pdf*
- *Formation 2eme sem 2020 Ouittenga.pdf*
- *Formation 2eme sem 2020 Rittmyinga.pdf*
- *Formation 2eme sem 2020 Robolo.pdf*
- *Formation 2eme sem 2020 Secteur 5 kgssi.pdf*
- *Formation 2eme sem 2020 Sillaleba.pdf*
- *Formation 2eme sem 2020 Sindri.pdf*
- *Formation 2eme sem 2020 Sorgho-Yarcé.pdf*
- *Formation 2eme sem 2020 Tamiga.pdf*
- *Formation 2eme sem 2020 Tibtenga.pdf*
- *Formation 2eme sem 2020 Tiffelé.pdf*
- *Formation 2eme sem 2020 Tikaré sect 5.pdf*
- *Formation 2eme sem 2020 Tora.pdf*
- *Formation 2eme sem 2020 Touka-Mossi.pdf*
- *Formation 2eme sem Kounkoubghin.pdf*
- *Formation 2eme sem Ouazélé.pdf*
- *Formation 2eme sem Rouko Centre.pdf*
- *Formation 2eme sem Rouko Foulbé.pdf*
- *Formation 2eme sem Rouko Souma.pdf*
- *Formation 2eme sem Rounou.pdf*
- *Formation 2eme sem Sabcé sect 1.pdf*
- *Formation 2eme sem Yamané.pdf*

- Formation 2020  
Beguemdré\_Tangporé.pdf
- Formation 2020 Gongga\_Toeguain.pdf
- Formation 2020 Gourgoudou.pdf
- Formation 2020 Guibaré\_Mercaiyiri.pdf
- Formation 2020 Horé\_Souka.pdf
- Formation 2020 Kobo\_Yelsomd-yiri.pdf
- Formation 2020 Kobo.pdf
- formation 2020 Koulweogo.pdf
- Formation 2020 Loaga.pdf
- formation 2020 Lourfa.pdf
- Formation 2020 Mogodin.pdf
- Formation 2020 Ouindigui\_Tougouya2.pdf
- Formation 2020  
Ouindigui\_Tougouya1.pdf
- Formation 2020 Pittenga.pdf
- formation 2020 Pogoro.pdf
- Formation 2020 Raka.pdf
- Formation 2020 Rambo-Wattinoma.pdf
- Formation 2020 Ranga.pdf
- Formation 2020 Rilgo.pdf
- Formation 2020 Sakou.pdf
- Formation 2020 Sancé\_Yarcé.pdf
- Formation 2020 Sandouré.pdf
- Formation 2020 Sanrgo.pdf
- Formation 2020 Silmidougou.pdf
- formation 2020 Tampoui.pdf
- Formation 2020 Tangaye.pdf
- Formation 2020 Tansombo\_Gutti1.pdf
- Formation 2020 Tansombo\_Gutti2.pdf
- formation 2020 Toessin.pdf
- Formation 2020 Yalka.pdf
- Formation 2020 Yaoghin.pdf
- Formation 2020 Yargo.pdf
- Formation 2020 Yilou\_Yilou marché.pdf
- Formation 2020 Zoura-Mossi.pdf
- Formation 2020\_Bissa.pdf
- Formation  
2020\_Guibaré\_Nakombogo.pdf
- Formation 2020\_Kougsabla\_Ouanaré.pdf
- Formation 2020\_Nasséré\_Binsiguin.pdf
- Formation 2020\_Quintini\_Baguedo.pdf
- Formation 2020\_Sika\_Nayiri.pdf
- Formation 2020\_Vousnango\_Gaoulé.pdf
- Formation 2020\_Vousnango\_Gaoulé2.pdf
- Formation 2020\_Wattinoma\_Nabzi.pdf
- Formation  
2020\_Wattinoma\_Nabziniguin.pdf
- Formation 2020Boulmiougou\_Bolé.pdf
- Formation Koulnière\_Bing-saka.pdf

- *Formation Nienega.pdf*
- *FormationYalga.pdf*
- *Formulaire d'évaluation Yako.pdf*
- *Mise à jour liste ME an2 - Barakana.pdf*
- *Mise à jour liste ME an2 - Boulguin \_  
Sanbin.pdf*
- *Mise à jour liste ME an2 -  
Bouna\_Yikoudin.pdf*
- *Mise à jour liste ME an2 - Dargouma.pdf*
- *Mise à jour liste ME an2 -  
Doussaré\_Sansin.pdf*
- *Mise à jour liste ME an2 - Igondega  
centre.pdf*
- *Mise à jour liste ME an2 - Itté\_  
Tavoussé.pdf*
- *Mise à jour liste ME an2 - Kabgarin -  
Nakambgo.pdf*
- *Mise à jour liste ME an2 - Kobesseré.pdf*
- *Mise à jour liste ME an2 - Ouittenga \_  
Nayiri.pdf*
- *Mise à jour liste ME an2 -  
Robolo\_Ghana.pdf*
- *Mise à jour liste ME an2 - Tiffélé \_  
Nakombgo.pdf*
- *Mise à jour liste ME an2 -Boubou.pdf*
- *Mise à jour liste ME an2 -Kilou.pdf*
- *Mise à jour liste ME an2 -Napalgué.pdf*
- *Mise à jour liste ME an2- Ouampèga.pdf*
- *Mise à jour liste ME an2 -Oui.pdf*
- *Mise à jour liste ME an2 -Rittmiyinga.pdf*
- *Mise à jour liste ME an2 -Tikaré\_sect  
5.pdf*
- *Mise à jour liste ME an2-Barsa\_Yargo.pdf*
- *Mise à jour liste ME an2-Bilga-  
Mossi\_Natenga.pdf*
- *Mise à jour liste ME an2-Bognam-  
Mossi\_Wemtinga.pdf*
- *Mise à jour liste ME an2-Bokin.pdf*
- *Mise à jour liste ME an2-  
Darigma\_Boulé.pdf*
- *Mise à jour liste ME an2-  
Foutanga\_Koulporé.pdf*
- *Mise à jour liste ME an2-Gougré.pdf*
- *Mise à jour liste ME an2-  
Karantenga\_badnogo.pdf*
- *Mise à jour liste ME an2-Kiella\_Nab-  
Yiri.pdf*
- *Mise à jour liste ME an2-  
Kolladé\_Koulporé.pdf*
- *Mise à jour liste ME an2-Kora-  
Mossi\_Yirtaorin.pdf*
- *Mise à jour liste ME an2-  
Koundoula\_Nayiri.pdf*
- *Mise à jour liste ME an2-  
Kounkoubghin\_Nakombgo.pdf*

- *Mise à jour liste ME an2-Kourpelé\_Naab-Yiri.pdf*
- *Mise à jour liste ME an2-Ouazelé\_Pausghin.pdf*
- *Mise à jour liste ME an2-Quintini.pdf*
- *Mise à jour liste ME an2-Rouko-Centre.pdf*
- *Mise à jour liste ME an2-Rouko-Foulbé\_Bassindeingo.pdf*
- *Mise à jour liste ME an2-Rounou\_Tiibin.pdf*
- *Mise à jour liste ME an2-Sect 1\_ouednanghin.pdf*
- *Mise à jour liste ME an2-Sect 3\_Solema.pdf*
- *Mise à jour liste ME an2-Sillaleba\_Bagsaka.pdf*
- *Mise à jour liste ME an2-Sindri\_Séologhin.pdf*
- *Mise à jour liste ME an2-Sorgho-Yarcé\_Songodin.pdf*
- *Mise à jour liste ME an2-Tamiga-Mossi\_Teng Sougou.pdf*
- *Mise à jour liste ME an2-tibtenga-Mossi\_Tibin.pdf*
- *Mise à jour liste ME an2-Touka-Mossi\_Nab-Yiri.pdf*
- *Mise à jour liste ME an2-VPA 07.pdf*
- *Mise à jour liste ME an2-Yamané\_Nabayiri.pdf*
- *Anamations 2020 VPA 05.pdf*
- *Animation 2020 Badnogo\_Bilga.pdf*
- *Animation 2020 Badnogo1 \_Bilga.pdf*
- *Animation 2020 Birou \_Boutoka.pdf*
- *Animation 2020 Boalin\_souka.pdf*
- *Animation 2020 VPA 04.pdf*
- *Animations 2020 VPA 07.pdf*
- *Animations 2020 VPA 08.pdf*
- *Animations 2020 VPA 10.pdf*
- *COMPTE RENDU D'ANIMATION - VPA 03.pdf*
- *COMPTE RENDU D'ANIMATION -VPA 05.pdf*
- *COMPTE RENDU D'ANIMATION -VPA 06.pdf*
- *COMPTE RENDU D'ANIMATION -VPA 07.pdf*
- *COMPTE RENDU D'ANIMATION -VPA 08.pdf*
- *COMPTE RENDU D'ANIMATION -VPA 09.pdf*
- *COMPTE RENDU D'ANIMATION -VPA 10.pdf*

| Relevant SDG Indicator            | SDG 5, Gender equality                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data/ Parameter                   | <b>Proportion of stove users perceiving reduced amount of time spent on wood fuel collection and/or proportion of user perceiving reduced amount of money spent on wood fuel purchase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Unit                              | Fraction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Description                       | Proportion of stove users perceiving reduced time spent on wood fuel collection and/or reduced money spent on wood fuel purchase since the implementation of the F3PA efficient cookstoves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Source of data                    | Monitoring survey, see document 'GS1340_VPA1-10_MP6_MS' / Tab 'Analysis'.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Value(s) applied                  | <p>Proportion of stove users perceiving reduced amount of time spent on wood fuel collection: 100%</p> <p>Activities done in saved time:</p> <ul style="list-style-type: none"> <li>i. Domestic tasks<sub>p</sub>: 95%</li> <li>ii. Income generating activities<sub>p</sub>: 43%</li> <li>iii. Field labour<sub>p</sub>: 47%</li> <li>iv. Gardening<sub>p</sub>: 5%</li> <li>v. Doing nothing<sub>p</sub>: 0%</li> <li>vi. Religious activities<sub>p</sub>: 2%</li> <li>vii. Leisure<sub>p</sub>: 3%</li> </ul> <p>Proportion of stove users perceiving reduced amount of money spent on wood fuel purchase: 100%</p> <p>Usage of saved money:</p> <ul style="list-style-type: none"> <li>i. School fees<sub>p</sub>: 0%</li> <li>ii. Purchase of medical drugs<sub>p</sub>: 40%</li> <li>iii. Purchase of food<sub>p</sub>: 100%</li> <li>iv. Savings<sub>p</sub>: 20%</li> </ul> |
| Measurement methods and procedure | The measurement of the parameter is based on quantitative information collected during Monitoring surveys. The end users are asked, how much time they spent collecting wood fuel for domestic cooking since they have the F3PA efficient cookstoves.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Monitoring frequency              | Annual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| QA/QC procedures                  | The data is analyzed in the monitoring report and raw data of the Monitoring surveys is made available for review.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Purpose of data                   | Calculation of the parameter "Proportion of stove users perceiving reduced amount of time spent on wood fuel collection and/or proportion of user perceiving reduced amount of money spent on wood fuel purchase"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Additional comment                | N.A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| Relevant SDG Indicator | SDG 7, Affordable and clean energy |
|------------------------|------------------------------------|
|------------------------|------------------------------------|

| Data/ Parameter                   | Number of F3PA efficient cookstoves disseminated for the group of VPA's                                                                                                                 |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit                              | Number                                                                                                                                                                                  |
| Description                       | Number of F3PA efficient cookstoves included in the project database for project scenario p                                                                                             |
| Source of data                    | Project database. See document ' <i>DR_Tiipaalg_VPA01-10_IC_S_MP6_20210528</i> '.                                                                                                       |
| Value(s) applied                  | VPA 01: 8,351<br>VPA 02: 8,390<br>VPA 03: 8,536<br>VPA 04: 9,562<br>VPA 05: 8,067<br>VPA 06: 9,634<br>VPA 07: 8,522<br>VPA 08: 8,171<br>VPA 09: 8,189<br>VPA 10: 7,854<br>Total: 85,276 |
| Measurement methods and procedure | The project database provides a list of end-users with number of F3PA efficient cookstoves per end-user.                                                                                |
| Monitoring frequency              | Continuous                                                                                                                                                                              |
| QA/QC procedures                  | The data is analyzed in the monitoring report and Project database is made available for review.                                                                                        |
| Purpose of data                   | Calculation of the parameter "Number of F3PA efficient cookstoves disseminated"                                                                                                         |
| Additional comment                | N.A.                                                                                                                                                                                    |

| Relevant SDG Indicator            | SDG 13, Climate action                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data/ Parameter                   | U <sub>p,1</sub>                                                                                                                                                                                                                                                                                                                          |
| Unit                              | Percentage                                                                                                                                                                                                                                                                                                                                |
| Description                       | Usage rate in project scenario p during year 1                                                                                                                                                                                                                                                                                            |
| Source of data                    | Annual usage/monitoring survey. See document: ' <i>GS1340_VPA1-10_MP6_MS</i> ' / Tab 'Analysis'.                                                                                                                                                                                                                                          |
| Value(s) applied                  | 87.42%                                                                                                                                                                                                                                                                                                                                    |
| Measurement methods and procedure | The measurement of the usage rate is based on qualitative information collected in the usage/monitoring survey. A question concerning the current use of the technology is asked to each end user of the sample and is validated by the observation of the surveyor in order to determine the usage rate of each technology age category. |
| Monitoring frequency              | Annual                                                                                                                                                                                                                                                                                                                                    |
| QA/QC procedures                  | Transparent data analysis and reporting                                                                                                                                                                                                                                                                                                   |
| Purpose of data                   | Calculation of emission reductions                                                                                                                                                                                                                                                                                                        |
| Additional comment                | A usage parameter is derived for each age group of project cookstove being credited. The usage survey will determine if the project cookstoves can be considered as 'in use' or 'not                                                                                                                                                      |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>in use' and if the project cookstoves are in 'good condition' or 'not in good condition'.</p> <p>The record keeping system of the 10 VPA's included in this PoA is at household level (with household number) for which all baseline cookstove set(s) (comprising of several traditional three stone cookstoves for domestic use) have been replaced by project cookstove set(s) . Cookstove set(s) within a household can only be considered 'in use' if all the cookstoves in the set(s) (in polygamous households all cookstoves of all cookstove sets of all women in the household) are being used. Similarly, cookstove set(s) can only be considered in 'good condition' as long as all cookstoves within the cookstove set(s) (in polygamous households all cookstoves of all cookstove sets of all women in the household) are in a 'good condition'.</p> |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| Relevant SDG Indicator            | SDG 13, Climate action                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data/ Parameter                   | U <sub>p,2</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Unit                              | Percentage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Description                       | Usage rate in project scenario p during year 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Source of data                    | Annual usage/monitoring survey. See document: 'GS1340_VPA1-10_MP6_MS' / Tab 'Analysis'.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Value(s) applied                  | 95.10%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Measurement methods and procedure | The measurement of the usage rate is based on qualitative information collected in the usage/monitoring survey. A question concerning the current use of the technology is asked to each end user of the sample and is validated by the observation of the surveyor in order to determine the usage rate of each technology age category.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Monitoring frequency              | Annual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| QA/QC procedures                  | Transparent data analysis and reporting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purpose of data                   | Calculation of emission reductions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Additional comment                | <p>A usage parameter is derived for each age group of project cookstove being credited. The usage survey will determine if the project cookstoves can be considered as 'in use' or 'not in use' and if the project cookstoves are in 'good condition' or 'not in good condition'.</p> <p>The record keeping system of the 10 VPA's included in this PoA is at household level (with household number) for which all baseline cookstove set(s) (comprising of several traditional three stone cookstoves for domestic use) have been replaced by project cookstove set(s) . Cookstove set(s) within a household can only be considered 'in use' if all the cookstoves in the set(s) (in polygamous households all cookstoves of all cookstove sets of all women in the household) are being used. Similarly, cookstove set(s) can only be considered in 'good condition' as long as all cookstoves within the cookstove set(s) (in polygamous</p> |

|  |                                                                                                           |
|--|-----------------------------------------------------------------------------------------------------------|
|  | households all cookstoves of all cookstove sets of all women in the household) are in a 'good condition'. |
|--|-----------------------------------------------------------------------------------------------------------|

| Relevant SDG Indicator            | SDG 13, Climate action                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Data/ Parameter</b>            | <b>U<sub>p,3</sub></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Unit                              | Percentage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Description                       | Usage rate in project scenario p during year 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Source of data                    | Annual usage/monitoring survey. See document: 'GS1340_VPA1-10_MP6_MS' / Tab 'Analysis'.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Value(s) applied                  | 93.18%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Measurement methods and procedure | The measurement of the usage rate is based on qualitative information collected in the usage/monitoring survey. A question concerning the current use of the technology is asked to each end user of the sample and is validated by the observation of the surveyor in order to determine the usage rate of each technology age category.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Monitoring frequency              | Annual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| QA/QC procedures                  | Transparent data analysis and reporting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Purpose of data                   | Calculation of emission reductions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Additional comment                | <p>A usage parameter is derived for each age group of project cookstove being credited. The usage survey will determine if the project cookstoves can be considered as 'in use' or 'not in use' and if the project cookstoves are in 'good condition' or 'not in good condition'.</p> <p>The record keeping system of the 10 VPA's included in this PoA is at household level (with household number) for which all baseline cookstove set(s) (comprising of several traditional three stone cookstoves for domestic use) have been replaced by project cookstove set(s) . Cookstove set(s) within a household can only be considered 'in use' if all the cookstoves in the set(s) (in polygamous households all cookstoves of all cookstove sets of all women in the household) are being used. Similarly, cookstove set(s) can only be considered in 'good condition' as long as all cookstoves within the cookstove set(s) (in polygamous households all cookstoves of all cookstove sets of all women in the household) are in a 'good condition'.</p> |

| Relevant SDG Indicator | SDG 13, Climate action                                                                  |
|------------------------|-----------------------------------------------------------------------------------------|
| <b>Data/ Parameter</b> | <b>U<sub>p,4</sub></b>                                                                  |
| Unit                   | Percentage                                                                              |
| Description            | Usage rate in project scenario p during year 4                                          |
| Source of data         | Annual usage/monitoring survey. See document: 'GS1340_VPA1-10_MP6_MS' / Tab 'Analysis'. |
| Value(s) applied       | 85.83%                                                                                  |

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Measurement methods and procedure | The measurement of the usage rate is based on qualitative information collected in the usage/monitoring survey. A question concerning the current use of the technology is asked to each end user of the sample and is validated by the observation of the surveyor in order to determine the usage rate of each technology age category.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Monitoring frequency              | Annual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| QA/QC procedures                  | Transparent data analysis and reporting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Purpose of data                   | Calculation of emission reductions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Additional comment                | <p>A usage parameter is derived for each age group of project cookstove being credited. The usage survey will determine if the project cookstoves can be considered as 'in use' or 'not in use' and if the project cookstoves are in 'good condition' or 'not in good condition'.</p> <p>The record keeping system of the 10 VPA's included in this PoA is at household level (with household number) for which all baseline cookstove set(s) (comprising of several traditional three stone cookstoves for domestic use) have been replaced by project cookstove set(s) . Cookstove set(s) within a household can only be considered 'in use' if all the cookstoves in the set(s) (in polygamous households all cookstoves of all cookstove sets of all women in the household) are being used. Similarly, cookstove set(s) can only be considered in 'good condition' as long as all cookstoves within the cookstove set(s) (in polygamous households all cookstoves of all cookstove sets of all women in the household) are in a 'good condition'.</p> |

| Relevant SDG Indicator            | SDG 13, Climate action                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Data/ Parameter</b>            | <b>U<sub>p,5</sub></b>                                                                                                                                                                                                                                                                                                                    |
| Unit                              | Percentage                                                                                                                                                                                                                                                                                                                                |
| Description                       | Usage rate in project scenario p during year 5                                                                                                                                                                                                                                                                                            |
| Source of data                    | Annual usage/monitoring survey. See document: 'GS1340_VPA1-10_MP6_MS' / Tab 'Analysis'.                                                                                                                                                                                                                                                   |
| Value(s) applied                  | 72.73%                                                                                                                                                                                                                                                                                                                                    |
| Measurement methods and procedure | The measurement of the usage rate is based on qualitative information collected in the usage/monitoring survey. A question concerning the current use of the technology is asked to each end user of the sample and is validated by the observation of the surveyor in order to determine the usage rate of each technology age category. |
| Monitoring frequency              | Annual                                                                                                                                                                                                                                                                                                                                    |
| QA/QC procedures                  | Transparent data analysis and reporting                                                                                                                                                                                                                                                                                                   |
| Purpose of data                   | Calculation of emission reductions                                                                                                                                                                                                                                                                                                        |
| Additional comment                | A usage parameter is derived for each age group of project cookstove being credited. The usage survey will determine if the project cookstoves can be considered as 'in use' or 'not                                                                                                                                                      |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>in use' and if the project cookstoves are in 'good condition' or 'not in good condition'.</p> <p>The record keeping system of the 10 VPA's included in this PoA is at household level (with household number) for which all baseline cookstove set(s) (comprising of several traditional three stone cookstoves for domestic use) have been replaced by project cookstove set(s) . Cookstove set(s) within a household can only be considered 'in use' if all the cookstoves in the set(s) (in polygamous households all cookstoves of all cookstove sets of all women in the household) are being used. Similarly, cookstove set(s) can only be considered in 'good condition' as long as all cookstoves within the cookstove set(s) (in polygamous households all cookstoves of all cookstove sets of all women in the household) are in a 'good condition'.</p> |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| Relevant SDG Indicator            | SDG 13, Climate action                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data/ Parameter                   | N <sub>p,1</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Unit                              | Number of households included in the project (Units), based on days of usage of age group 0-1 during the monitoring period related to one year.                                                                                                                                                                                                                                                                                                                                  |
| Description                       | Household in the project database for project scenario p through year i for which all baseline cookstove set(s) (comprising of several traditional three stone cookstoves for domestic use) have been replaced by project cookstove set(s).                                                                                                                                                                                                                                      |
| Source of data                    | Project database. See document 'Tiipaalgā_VPA1-10_MP6_Date recente_All HH' / Tab 'Analysis'.                                                                                                                                                                                                                                                                                                                                                                                     |
| Value(s) applied                  | VPA 01: 643<br>VPA 02: 312<br>VPA 03: 687<br>VPA 04: 629<br>VPA 05: 660<br>VPA 06: 932<br>VPA 07: 707<br>VPA 08: 537<br>VPA 09: 369<br>VPA 10: 522<br>Total: 5,998                                                                                                                                                                                                                                                                                                               |
| Measurement methods and procedure | <p>For the determination of the number of usage days at household level for age group 0-1 during the corresponding monitoring period, the latest start day of use of all constructed F3PA efficient cookstoves within the household will be taken in order to have conservative approach.</p> <p>Number of households included in the project (Units) are calculated based on days of usage of age group 0-1 during the corresponding monitoring period related to one year.</p> |

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      | For each household the number of days in each age group are calculated and divided by the number of days in one year. Hence, a household equipped with F3PA cookstove during 6 months of the MP would be considered as 0.5 household equivalent, this to ensure conservativeness in the ER calculations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Monitoring frequency | Annual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| QA/QC procedures     | Transparent data analysis and reporting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Purpose of data      | Calculation of emission reductions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Additional comment   | <p>A part of the households in the project area of the 10 VPA's are polygamous. Each wife of the household included in the carbon project must have at least two F3PA efficient cookstoves. This is a local cooking requirement as one is for the Mush "Tô", the other for the sauce "Sauce". Additional cookstoves could be used for boiling water or preparing the soup. All the traditional three stone cookstoves for domestic use will be replaced by the F3PA efficient cookstoves. This means that according to the needs of the household, an un-predetermined number of project cookstoves will be constructed and used at household level.</p> <p>As the quantity of firewood consumed in the baseline is determined at household level, the number of households will be monitored instead of project cookstoves to determine the emissions reductions.</p> <p>Women will be trained by the tiipaalga instructors or leader women to build the project cookstoves themselves using local materials according a strict construction protocol. In tight collaboration of the project coordinator, the instructor and the leader women the logistical management, quality assurance of the project cookstoves according the construction protocol and the management of the project database recording all constructed project cookstoves will be ensured.</p> |

| Relevant SDG Indicator | SDG 13, Climate action                                                                                                                                                                                                                      |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Data/ Parameter</b> | <b>N<sub>p,2</sub></b>                                                                                                                                                                                                                      |
| Unit                   | Number of households included in the project (Units), based on days of usage of age group 1-2 during the monitoring period related to one year.                                                                                             |
| Description            | Household in the project database for project scenario p through year i for which all baseline cookstove set(s) (comprising of several traditional three stone cookstoves for domestic use) have been replaced by project cookstove set(s). |
| Source of data         | Project database. See document 'Tiipaalga_VPA1-10_MP6_Date recente_All HH' / Tab 'Analysis'.                                                                                                                                                |
| Value(s) applied       | VPA 01: 3<br>VPA 02: 5                                                                                                                                                                                                                      |

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                   | <p>VPA 03: 18<br/> VPA 04: 23<br/> VPA 05: 12<br/> VPA 06: 44<br/> VPA 07: 3<br/> VPA 08: 386<br/> VPA 09: 50<br/> VPA 10: 82<br/> Total: 627</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Measurement methods and procedure | <p>For the determination of the number of usage days at household level for age group 1-2 during the corresponding monitoring period, the latest start day of use of all constructed F3PA efficient cookstoves within the household will be taken in order to have conservative approach.</p> <p>Number of households included in the project (Units) are calculated based on days of usage of age group 1-2 during the corresponding monitoring period related to one year.</p> <p>For each household the number of days in each age group are calculated and divided by the number of days in one year. Hence, a household equipped with F3PA cookstove during 6 months of the MP would be considered as 0.5 household equivalent, this to ensure conservativeness in the ER calculations.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Monitoring frequency              | Annual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| QA/QC procedures                  | Transparent data analysis and reporting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Purpose of data                   | Calculation of emission reductions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Additional comment                | <p>A part of the households in the project area of the 10 VPA's are polygamous. Each wife of the household included in the carbon project must have at least two F3PA efficient cookstoves. This is a local cooking requirement as one is for the Mush "Tô", the other for the sauce "Sauce". Additional cookstoves could be used for boiling water or preparing the soup. All the traditional three stone cookstoves for domestic use will be replaced by the F3PA efficient cookstoves. This means that according to the needs of the household, an un-predetermined number of project cookstoves will be constructed and used at household level.</p> <p>As the quantity of firewood consumed in the baseline is determined at household level, the number of households will be monitored instead of project cookstoves to determine the emissions reductions.</p> <p>Women will be trained by the tiipaalgia instructors or leader women to build the project cookstoves themselves using local materials according a strict construction protocol. In tight collaboration of the project coordinator, the instructor and the leader women the logistical management, quality assurance of the project cookstoves according the construction protocol and the management of the project database recording all constructed project cookstoves will be ensured.</p> |

| Relevant SDG Indicator            | SDG 13, Climate action                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Data/ Parameter</b>            | <b>N<sub>p,3</sub></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Unit                              | Number of households included in the project (Units), based on days of usage of age group 2-3 during the monitoring period related to one year.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Description                       | Household in the project database for project scenario p through year i for which all baseline cookstove set(s) (comprising of several traditional three stone cookstoves for domestic use) have been replaced by project cookstove set(s).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Source of data                    | Project database. See document 'Tiipaalgā_VPA1-10_MP6_Date recente_All HH' / Tab 'Analysis'.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Value(s) applied                  | VPA 01: 154<br>VPA 02: 288<br>VPA 03: 325<br>VPA 04: 330<br>VPA 05: 213<br>VPA 06: 269<br>VPA 07: 273<br>VPA 08: 737<br>VPA 09: 648<br>VPA 10: 560<br>Total: 3,798                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Measurement methods and procedure | For the determination of the number of usage days at household level for age group 2-3 during the corresponding monitoring period, the latest start day of use of all constructed F3PA efficient cookstoves within the household will be taken in order to have conservative approach.<br>Number of households included in the project (Units) are calculated based on days of usage of age group 2-3 during the corresponding monitoring period related to one year.<br>For each household the number of days in each age group are calculated and divided by the number of days in one year. Hence, a household equipped with F3PA cookstove during 6 months of the MP would be considered as 0.5 household equivalent, this to ensure conservativeness in the ER calculations. |
| Monitoring frequency              | Annual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| QA/QC procedures                  | Transparent data analysis and reporting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Purpose of data                   | Calculation of emission reductions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Additional comment                | A part of the households in the project area of the 10 VPA's are polygamous. Each wife of the household included in the carbon project must have at least two F3PA efficient cookstoves. This is a local cooking requirement as one is for the Mush "Tô", the other for the sauce "Sauce". Additional cookstoves could be used for boiling water or preparing the soup. All the traditional three stone cookstoves for domestic                                                                                                                                                                                                                                                                                                                                                   |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>use will be replaced by the F3PA efficient cookstoves. This means that according to the needs of the household, an un-predetermined number of project cookstoves will be constructed and used at household level.</p> <p>As the quantity of firewood consumed in the baseline is determined at household level, the number of households will be monitored instead of project cookstoves to determine the emissions reductions.</p> <p>Women will be trained by the tiipaalga instructors or leader women to build the project cookstoves themselves using local materials according a strict construction protocol. In tight collaboration of the project coordinator, the instructor and the leader women the logistical management, quality assurance of the project cookstoves according the construction protocol and the management of the project database recording all constructed project cookstoves will be ensured.</p> |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| Relevant SDG Indicator            | SDG 13, Climate action                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data/ Parameter                   | N <sub>p,4</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Unit                              | Number of households included in the project (Units), based on days of usage of age group 3-4 during the monitoring period related to one year.                                                                                                                                                                                                                                                                                                                                  |
| Description                       | Household in the project database for project scenario p through year i for which all baseline cookstove set(s) (comprising of several traditional three stone cookstoves for domestic use) have been replaced by project cookstove set(s).                                                                                                                                                                                                                                      |
| Source of data                    | Project database. See document 'Tiipaalga_VPA1-10_MP6_Date recente_All HH' / Tab 'Analysis'.                                                                                                                                                                                                                                                                                                                                                                                     |
| Value(s) applied                  | VPA 01: 1,046<br>VPA 02: 1,247<br>VPA 03: 1,295<br>VPA 04: 1,401<br>VPA 05: 1,176<br>VPA 06: 1,399<br>VPA 07: 1,274<br>VPA 08: 792<br>VPA 09: 1,431<br>VPA 10: 1,145<br>Total: 12,206                                                                                                                                                                                                                                                                                            |
| Measurement methods and procedure | <p>For the determination of the number of usage days at household level for age group 3-4 during the corresponding monitoring period, the latest start day of use of all constructed F3PA efficient cookstoves within the household will be taken in order to have conservative approach.</p> <p>Number of households included in the project (Units) are calculated based on days of usage of age group 3-4 during the corresponding monitoring period related to one year.</p> |

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      | For each household the number of days in each age group are calculated and divided by the number of days in one year. Hence, a household equipped with F3PA cookstove during 6 months of the MP would be considered as 0.5 household equivalent, this to ensure conservativeness in the ER calculations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Monitoring frequency | Annual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| QA/QC procedures     | Transparent data analysis and reporting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Purpose of data      | Calculation of emission reductions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Additional comment   | <p>A part of the households in the project area of the 10 VPA's are polygamous. Each wife of the household included in the carbon project must have at least two F3PA efficient cookstoves. This is a local cooking requirement as one is for the Mush "Tô", the other for the sauce "Sauce". Additional cookstoves could be used for boiling water or preparing the soup. All the traditional three stone cookstoves for domestic use will be replaced by the F3PA efficient cookstoves. This means that according to the needs of the household, an un-predetermined number of project cookstoves will be constructed and used at household level.</p> <p>As the quantity of firewood consumed in the baseline is determined at household level, the number of households will be monitored instead of project cookstoves to determine the emissions reductions.</p> <p>Women will be trained by the tiipaalga instructors or leader women to build the project cookstoves themselves using local materials according a strict construction protocol. In tight collaboration of the project coordinator, the instructor and the leader women the logistical management, quality assurance of the project cookstoves according the construction protocol and the management of the project database recording all constructed project cookstoves will be ensured.</p> |

| Relevant SDG Indicator | SDG 13, Climate action                                                                                                                                                                                                                      |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Data/ Parameter</b> | <b>N<sub>p,5</sub></b>                                                                                                                                                                                                                      |
| Unit                   | Number of households included in the project (Units), based on days of usage of age group 4-5 during the monitoring period related to one year.                                                                                             |
| Description            | Household in the project database for project scenario p through year i for which all baseline cookstove set(s) (comprising of several traditional three stone cookstoves for domestic use) have been replaced by project cookstove set(s). |
| Source of data         | Project database. See document 'Tiipaalga_VPA1-10_MP6_Date recente_All HH' / Tab 'Analysis'.                                                                                                                                                |
| Value(s) applied       | VPA 01: 999<br>VPA 02: 775                                                                                                                                                                                                                  |

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                   | <p>VPA 03: 898</p> <p>VPA 04: 774</p> <p>VPA 05: 883</p> <p>VPA 06: 921</p> <p>VPA 07: 943</p> <p>VPA 08: 460</p> <p>VPA 09: 572</p> <p>VPA 10: 684</p> <p>Total: 7,909</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Measurement methods and procedure | <p>For the determination of the number of usage days at household level for age group 4-5 during the corresponding monitoring period, the latest start day of use of all constructed F3PA efficient cookstoves within the household will be taken in order to have conservative approach.</p> <p>Number of households included in the project (Units) are calculated based on days of usage of age group 4-5 during the corresponding monitoring period related to one year.</p> <p>For each household the number of days in each age group are calculated and divided by the number of days in one year. Hence, a household equipped with F3PA cookstove during 6 months of the MP would be considered as 0.5 household equivalent, this to ensure conservativeness in the ER calculations.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Monitoring frequency              | Annual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| QA/QC procedures                  | Transparent data analysis and reporting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Purpose of data                   | Calculation of emission reductions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Additional comment                | <p>A part of the households in the project area of the 10 VPA's are polygamous. Each wife of the household included in the carbon project must have at least two F3PA efficient cookstoves. This is a local cooking requirement as one is for the Mush "Tô", the other for the sauce "Sauce". Additional cookstoves could be used for boiling water or preparing the soup. All the traditional three stone cookstoves for domestic use will be replaced by the F3PA efficient cookstoves. This means that according to the needs of the household, an un-predetermined number of project cookstoves will be constructed and used at household level.</p> <p>As the quantity of firewood consumed in the baseline is determined at household level, the number of households will be monitored instead of project cookstoves to determine the emissions reductions.</p> <p>Women will be trained by the tiipaalga instructors or leader women to build the project cookstoves themselves using local materials according a strict construction protocol. In tight collaboration of the project coordinator, the instructor and the leader women the logistical management, quality assurance of the project cookstoves according the construction protocol and the management of the project database recording all constructed project cookstoves will be ensured.</p> |

| Relevant SDG Indicator            | SDG 13, Climate action                                           |
|-----------------------------------|------------------------------------------------------------------|
| <b>Data/ Parameter</b>            | <b>DF<sub>η</sub></b>                                            |
| Unit                              | Fraction                                                         |
| Description                       | Discount factor to account for efficiency loss of project stoves |
| Source of data                    | Gold Standard Simplified Methodology for Efficient Cookstoves    |
| Value(s) applied                  | Default value: 0.99 i.e., 1 % efficiency loss per year           |
| Measurement methods and procedure | N.A.                                                             |
| Monitoring frequency              | N.A.                                                             |
| QA/QC procedures                  | N.A.                                                             |
| Purpose of data                   | Calculation of emission reductions                               |
| Additional comment                | N.A.                                                             |

| Relevant SDG Indicator            | SDG 13, Climate action                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Data/ Parameter</b>            | <b>DF<sub>b,stove,1</sub></b>                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Unit                              | Percentage                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Description                       | Discount factor to account for the baseline stove use in project scenario p during the year 1                                                                                                                                                                                                                                                                                                                                                                  |
| Source of data                    | Annual usage/monitoring survey. See document: 'GS1340_VPA1-10_MP6_MS' / Tab 'Analysis'.                                                                                                                                                                                                                                                                                                                                                                        |
| Value(s) applied                  | 0.06%                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Measurement methods and procedure | The measurement of the discount factor to account for the baseline stove use is based on qualitative information collected in the usage/monitoring survey. A question concerning the current use of the baseline technology is asked to each end user of the sample and is validated by the observation of the surveyor in order to determine the discount factor to account for the baseline stove use in project scenario p of each technology age category. |
| Monitoring frequency              | Annual                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| QA/QC procedures                  | Transparent data analysis and reporting                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Purpose of data                   | Calculation of emission reductions                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Additional comment                | The discount factor for the baseline-stove is determined based on the number of meals cooked using the baseline stove. The required information is captured through sample surveys carried out following a random sampling approach for age-group 0-1 of the project stove. The impact of seasonal variation on use of baseline stove is considered as part of the monitoring survey. The survey format for sample                                             |

|  |                                                                                                                                                                                                                                                                                                                 |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>question to capture this information is described in the Monitoring Plan.</p> <p>In case of polygamous households the discount factor is determined for each cookstove set and the highest value of all cookstove sets within the household is used as representative discount factor for the household.</p> |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| Relevant SDG Indicator            | SDG 13, Climate action                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Data/ Parameter</b>            | <b>DF<sub>b,stove,2</sub></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Unit                              | Percentage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Description                       | Discount factor to account for the baseline stove use in project scenario p during the year 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Source of data                    | Annual usage/monitoring survey. See document: 'GS1340_VPA1-10_MP6_MS' / Tab 'Analysis'.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Value(s) applied                  | 0.00%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Measurement methods and procedure | The measurement of the discount factor to account for the baseline stove use is based on qualitative information collected in the usage/monitoring survey. A question concerning the current use of the baseline technology is asked to each end user of the sample and is validated by the observation of the surveyor in order to determine the discount factor to account for the baseline stove use in project scenario p of each technology age category.                                                                                                                                                                                                                                                                     |
| Monitoring frequency              | Annual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| QA/QC procedures                  | Transparent data analysis and reporting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Purpose of data                   | Calculation of emission reductions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Additional comment                | <p>The discount factor for the baseline-stove is determined based on the number of meals cooked using the baseline stove. The required information is captured through sample surveys carried out following a random sampling approach for age-group 1-2 of the project stove. The impact of seasonal variation on use of baseline stove is considered as part of the monitoring survey. The survey format for sample question to capture this information is described in the Monitoring Plan.</p> <p>In case of polygamous households the discount factor is determined for each cookstove set and the highest value of all cookstove sets within the household is used as representative discount factor for the household.</p> |

| Relevant SDG Indicator | SDG 13, Climate action                                                                        |
|------------------------|-----------------------------------------------------------------------------------------------|
| <b>Data/ Parameter</b> | <b>DF<sub>b,stove,3</sub></b>                                                                 |
| Unit                   | Percentage                                                                                    |
| Description            | Discount factor to account for the baseline stove use in project scenario p during the year 3 |

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Source of data                    | Annual usage/monitoring survey. See document: 'GS1340_VPA1-10_MP6_MS' / Tab 'Analysis'.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Value(s) applied                  | 0.09%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Measurement methods and procedure | The measurement of the discount factor to account for the baseline stove use is based on qualitative information collected in the usage/monitoring survey. A question concerning the current use of the baseline technology is asked to each end user of the sample and is validated by the observation of the surveyor in order to determine the discount factor to account for the baseline stove use in project scenario p of each technology age category.                                                                                                                                                                                                                                                                     |
| Monitoring frequency              | Annual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| QA/QC procedures                  | Transparent data analysis and reporting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Purpose of data                   | Calculation of emission reductions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Additional comment                | <p>The discount factor for the baseline-stove is determined based on the number of meals cooked using the baseline stove. The required information is captured through sample surveys carried out following a random sampling approach for age-group 2-3 of the project stove. The impact of seasonal variation on use of baseline stove is considered as part of the monitoring survey. The survey format for sample question to capture this information is described in the Monitoring Plan.</p> <p>In case of polygamous households the discount factor is determined for each cookstove set and the highest value of all cookstove sets within the household is used as representative discount factor for the household.</p> |

| Relevant SDG Indicator            | SDG 13, Climate action                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Data/ Parameter</b>            | <b>DF<sub>b,stove,4</sub></b>                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Unit                              | Percentage                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Description                       | Discount factor to account for the baseline stove use in project scenario p during the year 4                                                                                                                                                                                                                                                                                                                                                                  |
| Source of data                    | Annual usage/monitoring survey. See document: 'GS1340_VPA1-10_MP6_MS' / Tab 'Analysis'.                                                                                                                                                                                                                                                                                                                                                                        |
| Value(s) applied                  | 0.39%                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Measurement methods and procedure | The measurement of the discount factor to account for the baseline stove use is based on qualitative information collected in the usage/monitoring survey. A question concerning the current use of the baseline technology is asked to each end user of the sample and is validated by the observation of the surveyor in order to determine the discount factor to account for the baseline stove use in project scenario p of each technology age category. |
| Monitoring frequency              | Annual                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| QA/QC procedures                  | Transparent data analysis and reporting                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Purpose of data                   | Calculation of emission reductions                                                                                                                                                                                                                                                                                                                                                                                                                             |

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Additional comment | <p>The discount factor for the baseline-stove is determined based on the number of meals cooked using the baseline stove. The required information is captured through sample surveys carried out following a random sampling approach for age-group 3-4 of the project stove. The impact of seasonal variation on use of baseline stove is considered as part of the monitoring survey. The survey format for sample question to capture this information is described in the Monitoring Plan.</p> <p>In case of polygamous households the discount factor is determined for each cookstove set and the highest value of all cookstove sets within the household is used as representative discount factor for the household.</p> |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| Relevant SDG Indicator            | SDG 13, Climate action                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data/ Parameter                   | DF <sub>b,stove,5</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Unit                              | Percentage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Description                       | Discount factor to account for the baseline stove use in project scenario p during the year 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Source of data                    | Annual usage/monitoring survey. See document: 'GS1340_VPA1-10_MP6_MS' / Tab 'Analysis'.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Value(s) applied                  | 0.54%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Measurement methods and procedure | The measurement of the discount factor to account for the baseline stove use is based on qualitative information collected in the usage/monitoring survey. A question concerning the current use of the baseline technology is asked to each end user of the sample and is validated by the observation of the surveyor in order to determine the discount factor to account for the baseline stove use in project scenario p of each technology age category.                                                                                                                                                                                                                                                                     |
| Monitoring frequency              | Annual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| QA/QC procedures                  | Transparent data analysis and reporting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Purpose of data                   | Calculation of emission reductions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Additional comment                | <p>The discount factor for the baseline-stove is determined based on the number of meals cooked using the baseline stove. The required information is captured through sample surveys carried out following a random sampling approach for age-group 4-5 of the project stove. The impact of seasonal variation on use of baseline stove is considered as part of the monitoring survey. The survey format for sample question to capture this information is described in the Monitoring Plan.</p> <p>In case of polygamous households the discount factor is determined for each cookstove set and the highest value of all cookstove sets within the household is used as representative discount factor for the household.</p> |

| Relevant SDG Indicator                | SDG 13, Climate Action                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data/ Parameter                       | Number of tCO2e reduced by the project                                                                                                                                                                                                                                                                                                                |
| Unit                                  | Tonne of CO2e                                                                                                                                                                                                                                                                                                                                         |
| Description                           | Number of tCO2e reduced thanks to the implementation of the project during the corresponding monitoring period.                                                                                                                                                                                                                                       |
| Measured/calculated/default           | Measured                                                                                                                                                                                                                                                                                                                                              |
| Source of data                        | ER calculations: see document 'GS 1340 - VPA 01-10 - ER_MP6'.                                                                                                                                                                                                                                                                                         |
| Value(s) of monitored parameter       | GS2456 (VPA-01): 8,400 tCO2e<br>GS3516 (VPA-02): 7,832 tCO2e<br>GS3517 (VPA-03): 9,507 tCO2e<br>GS3518 (VPA-04): 9,908 tCO2e<br>GS3519 (VPA-05): 8,841 tCO2e<br>GS3520 (VPA-06): 9,592 tCO2e<br>GS3521 (VPA-07): 8,535 tCO2e<br>GS3522 (VPA-08): 9,311 tCO2e<br>GS3523 (VPA-09): 10,000 tCO2e<br>GS3524 (VPA-10): 10,000 tCO2e<br>Total: 91,926 tCO2e |
| Monitoring equipment                  | N/A                                                                                                                                                                                                                                                                                                                                                   |
| Measuring/reading/recording frequency | Annual                                                                                                                                                                                                                                                                                                                                                |
| Calculation method (if applicable)    | See section E.4                                                                                                                                                                                                                                                                                                                                       |
| QA/QC procedures                      | Transparent data analysis and reporting                                                                                                                                                                                                                                                                                                               |
| Purpose of data                       | Calculation of emission reductions                                                                                                                                                                                                                                                                                                                    |
| Additional comments                   | N.A.                                                                                                                                                                                                                                                                                                                                                  |

### D.3. Comparison of monitored parameters with last monitoring period

| Data/Parameter                                                                                                                           | Value obtained in this monitoring period | Value obtained last monitoring period     |
|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------|
| <i>SDG 1</i>                                                                                                                             |                                          |                                           |
| <b>Parameter #1:</b> Number of leader women (Monitrice endogène) who benefit from microcredit                                            | Parameter #1: 867                        | Parameter #1: 685                         |
|                                                                                                                                          | Parameter #2: N.A.                       | Parameter #2: 95.6%                       |
| <b>Parameter #2:</b> Proportion of leader women (Monitrice endogène) participating to microcredit scheme which make benefits from Income | Parameter #3: N.A.                       | Parameter #3: 17,803,735 FCFA or 27,143 € |

Generating Activities financed  
through the microcredit scheme

**Parameter #3:** Total benefit from  
Income Generating activities  
financed through the microcredit  
scheme

**Comment SDG1:** The parameters #2 and #3 are not yet available as the amount granted to leader women has been provided at the end of the monitoring period (23/11/2020). Therefore, it is impossible to determine the benefit resulting from Income Generating Activities managed by the leader women (Monitrice endogène) and made possible thanks to the granted amount. This information will be available in the next monitoring report as the beneficiaries will make use the granted money. A total of 24,000,000 FCA or 36,641 € has been granted to 867 leader women within 48 villages included in the project intervention area.

During the last monitoring period (2019 or MP5), it was the 3<sup>rd</sup> cycle of implementation of micro-credit scheme. This cycle included 54 villages, a total of 35,451,900 FCFA was initially available at the beginning of 3<sup>rd</sup> cycle. This amount corresponds to the reinvested amount from cycle 2 (2018). At the end of 3<sup>rd</sup> cycle, the beneficiaries generated thanks to the granted money allowed to reinvest a total of 32,736,050 FCFA made available for next cycle (cycle 4). More information can be found in document : 'Rapport\_Bilan\_FAME-AGR\_3ème cycle\_Villages an1\_wc' Table 4 page 18.

During this monitoring period (2020 or MP6), it was the 4<sup>th</sup> cycle of implementation of micro-credit scheme. This cycle included 48 villages, a total of 24,000,000 FCFA was made available at the end of 4<sup>th</sup> cycle (23/11/2020). This amount corresponds to the granted amount by tiipaalga to the 867 'monitrices endogènes', it will be used to finance income generating activities during cycle 5 (2021). See document: 'Rapport\_Mise en place\_Micro Crédit\_An4\_with comments'.

|                                                                                                                                                        |                                                  |                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| SDG 3<br>Proportion of households perceiving less often smoke levels, incidence of coughing, incidence of respiratory illness, incidence of itchy eyes | Smoke level reduction:                           | Smoke level reduction: 100%                      |
|                                                                                                                                                        | 100%                                             |                                                  |
|                                                                                                                                                        | Incidence of coughing reduction: 100%            | Incidence of coughing reduction: 100%            |
|                                                                                                                                                        | Incidence of respiratory illness reduction: 100% | Incidence of respiratory illness reduction: 100% |
|                                                                                                                                                        | Incidence of itchy eyes reduction: 100%          | Incidence of itchy eyes reduction: 100%          |

**Comment SDG 3:** N.A

SDG 4

**Parameter #1:** Number of training initiatives for staff involved in the programme

Parameter #1: 1

Parameter #1: 1

**Parameter #2:** Number of workshops carried out for women

Parameter #2: 368

Parameter #2: 265

**Comment SDG 4:** Due to the renewal campaigns, more workshops were organized during MP6.

*SDG 5*

Proportion of stove users perceiving reduced amount of time spent on wood fuel collection and/or proportion of user perceiving reduced amount of money spent on wood fuel purchase

|                                                            |                                                             |
|------------------------------------------------------------|-------------------------------------------------------------|
| Reduced amount of time spent on wood fuel collection: 100% | Reduced amount of time spent on wood fuel collection: 99.6% |
| Reduced amount of money spent on wood fuel purchase: 100%  | Reduced amount of money spent on wood fuel purchase: 88%    |

**Comment SDG 5:** N.A.

*SDG 7*

Number of F3PA efficient cookstoves disseminated

|               |               |
|---------------|---------------|
| VPA 01: 8,351 | VPA 01: 9,327 |
| VPA 02: 8,390 | VPA 02: 9,576 |
| VPA 03: 8,536 | VPA 03: 8,137 |
| VPA 04: 9,562 | VPA 04: 9,115 |
| VPA 05: 8,067 | VPA 05: 8,380 |
| VPA 06: 9,634 | VPA 06: 9,080 |
| VPA 07: 8,522 | VPA 07: 8,347 |
| VPA 08: 8,171 | VPA 08: 8,175 |
| VPA 09: 8,189 | VPA 09: 8,420 |
| VPA 10: 7,854 | VPA 10: 8,072 |
| Total: 85,276 | Total: 86,629 |

**Comment SDG 7:** Due to the renewal activities initiated during this monitoring period, the numbers of F3PA per VPA differs slightly compared to previous MP.

*SDG 13*  
VER

|                               |                        |
|-------------------------------|------------------------|
| GS2456 (VPA-01): 8,400tCO2e   | GS2456 (VPA-01): 8,138 |
| GS3516 (VPA-02): 7,832 tCO2e  | GS3516 (VPA-02): 8,147 |
| GS3517 (VPA-03): 9,507 tCO2e  | GS3517 (VPA-03): 7,912 |
| GS3518 (VPA-04): 9,908 tCO2e  | GS3518 (VPA-04): 8,558 |
| GS3519 (VPA-05): 8,841 tCO2e  | GS3519 (VPA-05): 8,133 |
| GS3520 (VPA-06): 9,592 tCO2e  | GS3520 (VPA-06): 7,925 |
| GS3521 (VPA-07): 8,535 tCO2e  | GS3521 (VPA-07): 7,387 |
| GS3522 (VPA-08): 9,311 tCO2e  | GS3522 (VPA-08): 8,202 |
| GS3523 (VPA-09): 10,000 tCO2e | GS3523 (VPA-09): 9,149 |
| GS3524 (VPA-10): 10,000 tCO2e | GS3524 (VPA-10): 9,063 |
| Total: 91,926 tCO2e           | Total: 82,614 tCO2e    |

**Comment SDG 13:** The renewal campaigns allowed to increase the usage rate of the ageing stoves installed in 2015. In addition, new households were equipped with F3PA cookstoves. Hence, the associated VER are higher for MP6 compared to MP5.

#### D.4. Implementation of sampling plan

In parallel with the distribution/renewal of the F3PA efficient cookstoves, and as per monitoring plan in the respective registered VPA-DD's (VPA-01 to 10), tiipaalga conducted the following monitoring activities:

| Date                             | Activity          | Purpose                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ongoing                          | Project database  | Establish total distribution record to track number of households for which all baseline cookstove set(s) (comprising of several traditional three stone cookstoves for domestic use) have been replaced by project cookstove set(s)                                                                                                                                                                                                                                                                                       |
| From 13/06/2021<br>To 27/08/2021 | Monitoring survey | (i) To establish single usage rate factor of age group 0-1, age group 1-2, age group 2-3, age group 3-4 and age-group 4-5 based on if the project cookstoves can be considered as 'in use' or 'not in use' and if the project cookstoves are in 'good condition' or 'not in good condition';<br>(ii) To establish single discount factor age group 0-1, age group 1-2, age group 2-3, age group 3-4 and age group 4-5 to account for the baseline stove use;<br>(iii) To measure the parameters regarding SDG 3 and SDG 5. |

##### a) Collected data

The parameters which need to be monitored through surveys for the 10 VPA's are (i)  $U_{p,y}$  Usage rate in project scenario p during year y; and (ii)  $DF_{b,stove,y}$  Discount factor to account for the baseline stove use in project scenario p during the year y (iii) parameters to evaluate SDG 3 and SDG 5 indicators. Since those parameters of interest are assumed to be the same in each VPA at the time of sampling survey during the monitoring period and the start of the crediting period of the 10 VPA's lies within two months, a single survey with cross sampling of households has been undertaken using a single random sampling plan. The populations of all 10 VPAs are combined together, for which the sample size is calculated using the sampling guidelines described below.

##### b) Sampling approach

###### ***Determination of the sampling frame***

The number of households of which each wife of the household (when polygamous) has replaced all traditional three stones cookstoves for domestic use with project cookstoves, is recorded in the project database (see data base records file

'DR\_Tiipaalgā\_VPA01-10\_HH\_MP6\_20210528' and 'DR\_Tiipaalgā\_VPA01-10\_ICs\_MP6\_20210528'). Only the households recorded in the database are part of the project activity.

The project activities started in February 2015, but the renewal activities in 2020 (described in SECTION C. DESCRIPTION OF MONITORING SYSTEM APPLIED BY THE PROJECT) intended to replace/renew the cookstoves installed in the first year of the project (2015). The start of the crediting period of each household is considered as the latest construction/replacement date of all stoves within the cooking sets of the different wives within the household. This information is presented in the file 'Tiipaalgā\_VPA1-10\_ MP6\_Date recente\_All HH' for the different households included in the database (see also Figure 3 for the representation of the project database during MP6). Hence, the project database in MP6 comprises the following households:

- i. **Remaining households:** which were equipped with F3PA cookstoves from 2016 onwards. Those will be included in future renewal campaigns from the next monitoring period.
- ii. **Renewed households:** which were initially equipped with F3PA cookstoves in 2015 but participated successfully to the renewal activities in 2020. Hence, all their cookstoves are in a state "as good as new" and belong again in the AG 0-1 during this MP.
- iii. **New households:** new households equipped with F3PAs in 2020. Those did not belong to the project database prior to this monitoring period.

For each household the number of technology-days during MP6 are calculated per age group: (i) age group 0-1 (i.e. construction date till construction date + 365 days), (ii) age group 1-2 (i.e. construction date + 365 days till construction date + 2 \* 365 days), (iii) age group 2-3 (i.e. construction date + 2 \* 365 days till construction date + 3 \* 365 days), (iv) age group 3-4 (i.e. construction date + 3 \* 365 days till construction date + 4 \* 365 days), and (v) age group 4-5 (i.e. construction date + 4 \* 365 days till construction date + 5 \* 365 days). The number of households per age-group are determined after cumulation of the technology-days per age group of the households in the project database divided by the number of days in a year, i.e. 365 days.

### ***Determination of the random sample***

At the sampling date (11/06/2021), there were 5 age groups, i.e. 0-1 age group, 1-2 age group, 2-3 age group, 3-4 age group and 4-5 age group. Each household is assigned to one age group (AG) depending on the years of usage up to the sampling date. For example, at the sampling date, a household installed on the 20/09/2018 has used its F3PAs cookstoves for 2.7 years; hence it belongs to the AG 2-3 for the monitoring and usage survey. On the other hand, the households initially equipped with F3PAs in 2016 are at the sampling date within the renewable process (see SECTION C. DESCRIPTION OF MONITORING SYSTEM APPLIED BY THE PROJECT process of project cookstoves renewal). This means that they are either i) already renewed since the beginning of the renewal activities in 2021 (AG 0-1), ii) in the process of being renewed within the end of the renewal campaign (end of the year 2021), iii) deliberately not included in the renewal database because the state of the cookstoves is not aligned with the

requirements or the households is no more part of the project. As the recording of all the renewed cookstoves from 2016 will last until the end of December 2021; at the time of sampling, it was impossible to assign each household of 2016 to one of these 3 categories. It was decided to consider all of them as belonging to AG 0-1. This approach is deemed conservative by PD as the households falling into categories ii) and iii) will constitute a drop-off in the usage parameters of AG 0-1.

The minimum household sample size of each age group is determined according to the following guidelines (according the Gold Standard Simplified Methodology for Efficient Cookstoves):

- Project target population < 300: Minimum sample size 30;
- Project target population 300 to 1000: Minimum sample size 10 % of group size;
- Project target population > 1000: Minimum sample size 100.

As the number of recorded households<sup>8</sup> for the 10 VPA's together per age group, except for age group 2-3, is more than 1000, the minimum sample size for age-group 0-1, age-group 1-2, age group 3-4 and age group 4-5 is 100. In age group 2-3, the number of recorded households was 246, hence the minimum sample size is 30.

The method for the random section of households for the sampling list is the following: for every age-group, each of the household is assigned to a random number between 0 and 1 using the *RAND()* function in Excel. The age-group lists are then sorted from largest to lowest value based on the random number. From those new lists, the *top-n* households (*n* being greater than the minimum sampling size) are included in the sample.

The selection of the sample for the monitoring survey is summarized in Table 2.

| Age group    | #Households   | Minimum sample size | #households surveyed |
|--------------|---------------|---------------------|----------------------|
| AG 0-1       | 9,338         | 100                 | 159                  |
| AG 1-2       | 7,381         | 100                 | 102                  |
| AG 2-3       | 246           | 30                  | 88                   |
| AG 3-4       | 2,100         | 100                 | 120                  |
| AG 4-5       | 12,444        | 100                 | 121                  |
| <b>Total</b> | <b>31,509</b> | <b>430</b>          | <b>590</b>           |

Table 2 Number of surveys conducted for MP6 verification

For all parameters that are monitored via sampling, it is understood that only the age of the project cookstove has an influence. Therefore, no geographic representativeness is deemed necessary for the selection of users participating in the sample groups. The monitoring surveys are performed by user interviews. Only people older than 18 years are interviewed.

<sup>8</sup> See document: 'Tiipaalgaa\_VPA1-10\_ MP6\_Date recente\_All HH'/Tab 'Analysis'.

### c) Analysis of collected data

The questions used during the survey are presented in the file '*GS1340\_VPA01-10\_Monitoring Survey\_MP6*<sup>9</sup>'. Apart from information for the sustainable development indicators (SDG 3 and SDG 5), the survey has been built up in order to collect reliable data to calculate the usage rate  $U_{p,y}$  per age group and the discount factor to account for the baseline stove use  $DF_{b,stove,y}$  per age group.

The file '*GS1340\_VPA1-10\_MP6\_MS*' of the monitoring survey contains the following data in worksheet 'Group 2':

- Identifier (Unique internal ID number) which is the unique key of household info
- Identification data per wife: name, picture of wife with it stoves;
- Data on stoves used per wife: size of stoves, construction dates of each stove, location of stoves, frequency of usage, condition of stove ...
- Data on cooking habits during dry and wet season;
- Data related to sustainable indicators.

Based on this information the usage rate  $U_{p,y}$  is calculated per household in column T and the discount factor to account for the baseline stove use  $DF_{b,stove,y}$  per households in column AU. The worksheet "Analysis" contains the evaluated parameters usage rate  $U_{p,y}$  and discount factor to account for the baseline stove use  $DF_{b,stove,y}$  per age group.

The surveyed households are per age group presented with pictures of stove users and stoves in the following files: '*GS1340\_VPA1-10\_list of surveyed HH\_MP6\_AG0-1*', '*GS1340\_VPA1-10\_list of surveyed HH\_MP6\_AG1-2*', '*GS1340\_VPA1-10\_list of surveyed HH\_MP6\_AG2-3*', '*GS1340\_VPA1-10\_list of surveyed HH\_MP6\_AG3-4*' and '*GS1340\_VPA1-10\_list of surveyed HH\_MP6\_AG4-5*'.

The following points were considered when evaluating the usage rate  $U_{p,y}$ :

- All project cookstoves within the sample are assessed if they are still operational. If one stove user doesn't use any of its project cookstoves, the corresponding household is considered as drop-off;
- The working conditions of project cookstoves are evaluated on the status (i) Green: the stove is in good working conditions, (ii) Orange: the stove is in acceptable working conditions, but needs some maintenance activities; and (iii) Red: the stove is not working well, and needs to be reconstructed (see section C for more details). A household with at least one red project cookstove is considered as a drop-off;
- If a stove-user migrated even for a temporary period or is not available for the survey for security reasons, the corresponding household is considered as a drop-off;

Based on the collected data during the survey for monitoring period 6 the usage rate  $U_{p,1}$  of age group 0-1 is evaluated at 87.42%, whereas for usage rate  $U_{p,2}$  of age group 1-2 at 95.10%, for usage rate  $U_{p,3}$  of age group 2-3 at 93.18%, for usage rate  $U_{p,4}$  of

---

<sup>9</sup> Document is in French. However, translation of the questions is available in the headers of the monitoring survey results file '*GS1340\_VPA1-10\_MP6\_MS*'.

age group 3-4 at 85.83% and for usage rate  $U_{p,5}$  of age group 4-5 at 72.73% . In total 81 households out of the 590 households surveyed across the five age groups had a usage rate of 0% because of too bad condition of at least one F3PA efficient cookstove (status red), migration or displacement of the household, broken F3PA efficient cookstoves or death of the stove user. All other project cookstoves were used and in operational conditions.

The discount factor to account for the baseline stove use is calculated based on the number of meals that have been cooked with the baseline stove during the monitoring period. The impact of dry and wet season on the baseline stove use has been evaluated. The baseline stove usage has been questioned in the survey in two ways (see *GS1340\_VPA1-10\_MP6\_MS'*) (i) relative based on a week usage during dry and wet season (column AK till column AT); (ii) absolute based on total number of usages during dry and wet season (column BB and BI). The following points were considered when evaluating the discount factor to account for the baseline stove use  $DF_{b, stove, y}$ :

- The wet season starts on the 1st of June and ends the 31nd of October, which is 153 days;
- Usage of baseline stove during wet and dry season has been surveyed, as well as the number of meals cooked during dry and wet season;
- Based on the number of meals cooked with the baseline cookstove compared to the number of cooked meals, the baseline usage fraction is calculated per stove user. In the case of more than one stove user per household, the highest value will be taken in order to identify the baseline cookstove usage at household level;
- In case the two ways of baseline usage reporting (relative on weekly basis and absolute) didn't match, the highest baseline usage has been calculated for the corresponding household;
- The discount factor for the baseline stove use is based on the average baseline stove use fraction of all the households within the sample;
- If a household has dropped off when evaluating the usage rate, it is not considered when calculating the average baseline stove use fraction;
- A conservative approach has been considered when evaluating the number of meals cooked with the baseline stove.

Based on the collected data during the survey, the baseline stove usage fractions have been evaluated at 0.06% for age group 0-1, 0.00% for age group 1-2, 0.09% for age group 2-3, 0.39% for age group 3-4 and 0.54% for age group 4-5. This means that, on average, less than 1 meal out of 100 meals are cooked with the baseline stove which can be considered as low.

#### **d) Requirement on confidence/precision level**

In alignment with the methodology 'the Gold Standard Simplified Methodology for Efficient Cookstoves', no confidence nor precision requirements are expected to be fulfilled for the monitoring survey results.

## SECTION E. CALCULATION OF SDG IMPACTS

### **E.1. Calculation of baseline value or estimation of baseline situation of each SDG Impact**

*a) SDG 1, No poverty*

Not applicable, the direct outcome is calculated, see section E.4.

*b) SDG 3, Good health and well-being*

Not applicable, the direct outcome is calculated, see section E.4.

*c) SDG 4, Quality Education*

Not applicable, the direct outcome is calculated, see section E.4.

*d) SDG 5, Gender equality*

Not applicable, the direct outcome is calculated, see section E.4.

*e) SDG 7, Affordable and clean energy*

Not applicable, the direct outcome is calculated, see section E.4.

*f) SDG 13, Climate Action*

The methodology directly provides equation for emission reductions (without separate baseline, projector leakage emission reduction equations). See section E.4. for the calculation of the emission reductions.

### **E.2. Calculation of project value or estimation of project situation of each SDG Impact**

*a) SDG 1, No poverty*

Not applicable, the direct outcome is calculated, see section E.4.

*b) SDG 3, Good health and well-being*

Not applicable, the direct outcome is calculated, see section E.4.

*c) SDG 4, Quality Education*

Not applicable, the direct outcome is calculated, see section E.4.

*d) SDG 5, Gender equality*

Not applicable, the direct outcome is calculated, see section E.4.

*e) SDG 7, Affordable and clean energy*

Not applicable, the direct outcome is calculated, see section E.4.

*f) SDG 13, Climate Action*

The methodology directly provides equation for emission reductions (without separate baseline, projector leakage emission reduction equations). See section E.4. for the calculation of the emission reductions.

### **E.3. Calculation of leakage**

*a) SDG 13, Climate Action*

As defined under The Gold Standard Simplified Methodology for Efficient Cookstoves, the net emission reductions (ERy) for a micro-scale programme of

activities (mPOA) need to be discounted by a factor of 0.95 to account for leakages related to non-renewable biomass saved by the project activity.

#### E.4. Calculation of net benefits or direct calculation for each SDG Impact

##### a) SDG 1, No poverty

**Number of leader women (Monitrice endogène) who benefit from microcredit** = Number of leader women (Monitrice endogène) who benefit from microcredit during the monitoring period.

**Proportion of leader women (Monitrice endogène) participating to microcredit scheme which make benefits from Income Generating Activities financed through the microcredit scheme** = Number of leader women (Monitrice endogène) participating to microcredit scheme which make benefits from Income Generating Activities financed through the microcredit scheme / Number of leader women (Monitrice endogène) participating to the microcredit scheme

**Total benefit from Income Generating activities financed through the microcredit scheme** = Total amount in FCFA or € of benefit generated by Income Generating Activities which are managed by the leader women (Monitrice endogène) and funded by the microcredit scheme

##### b) SDG 3, Good health and well-being

**Smoke level reduction** = (Number of stove users perceiving less smoke since the implementation of F3PA efficient cookstoves) / (Number of respondents)

**Incidence of coughing reduction** = (Number of stove users perceiving less incidence of coughing since the implementation of F3PA efficient cookstoves) / (Number of respondents)

**Incidence of respiratory illness reduction** = (Number of stove users perceiving less incidence of respiratory illnesses since the implementation of F3PA efficient cookstoves) / (Number of respondents)

**Incidence of itchy eyes reduction** = (Number of stove users perceiving less incidence of itchy eyes since the implementation of F3PA efficient cookstoves) / (Number of respondents)

##### c) SDG 4, Quality education

**Number of trainings initiatives for staff involved in the programme** = Number of trainings initiatives for staff involved in the programme during the monitoring period

**Number of workshops carried out for women** = Number of workshops carried out for women during the monitoring period

d) *SDG 5, Gender equality*

**Proportion of stove users perceiving reduced amount of time spent on fuel collection** = (Number of stove users perceiving reduced amount of time spent on fuel collection) / (Number of respondents collecting wood fuel)  
Activities carried out by women during saved time:

- i) **Domestic tasks<sub>p</sub>** = (Number of women using their saved time to do domestic tasks) / (Number of women considering they save time thanks to the F3PA efficient cookstoves)
- ii) **Income generating activities<sub>p</sub>** = (Number of women using their saved time to do income generating activities) / (Number of women considering they save time thanks to the F3PA efficient cookstoves)
- iii) **Field labour<sub>p</sub>** = (Number of women using their saved time to do field labour) / (Number of women considering they save time thanks to the F3PA efficient cookstoves)
- iv) **Gardening<sub>p</sub>** = (Number of women using their saved time to do gardening) / (Number of women considering they save time thanks to the F3PA efficient cookstoves)
- v) **Participation to a literacy program<sub>p</sub>** = (Number of women using their saved time to participate to a literacy program) / (Number of women considering they save time thanks to the F3PA efficient cookstoves)
- vi) **Community work<sub>p</sub>** = (Number of women using their saved time to do community work) / (Number of women considering they save time thanks to the F3PA efficient cookstoves)
- vii) **Doing nothing<sub>p</sub>** = (Number of women using their saved time to do nothing) / (Number of women considering they save time thanks to the F3PA efficient cookstoves)
- viii) **Religious activities<sub>p</sub>** = (Number of women using their saved time to participate to religious activities) / (Number of women considering they save time thanks to the F3PA efficient cookstoves)
- ix) **Leisure<sub>p</sub>** = (Number of women using their saved time to participate to leisure) / (Number of women considering they save time thanks to the F3PA efficient cookstoves)

**Proportion of stove users perceiving reduced amount of money spent on wood fuel purchase** = (Number of stove users perceiving reduced amount of money spent on wood fuel purchase) / (Number of respondents purchasing fuel)

Usage of saved money by women:

- i. **School fees<sub>p</sub>** = (Number of women using their saved money for the payment of school fees) / (Number of women considering they save money thanks to the F3PA efficient cookstoves)
- ii. **Purchase of medical drugs<sub>p</sub>** = (Number of women using their saved money for the purchase of medical drugs) / (Number of women considering they save money thanks to the F3PA efficient cookstoves)
- iii. **Purchase of food<sub>p</sub>** = (Number of women using their saved money for the purchase of food) / (Number of women considering they save money thanks to the F3PA efficient cookstoves)
- iv. **Investment for field crops<sub>p</sub>** = (Number of women using their saved money to invest in field crops) / (Number of women considering they save money thanks to the F3PA efficient cookstoves)
- v. **Purchase of equipments<sub>p</sub>** = (Number of women using their saved money to purchase equipments like mobile, bicycle, ...) / (Number of women considering they save money thanks to the F3PA efficient cookstoves)
- vi. **Income generating activities<sub>p</sub>** = (Number of women using their saved money for income generating activities) / (Number of women considering they save money thanks to the F3PA efficient cookstoves)
- vii. **Savings<sub>p</sub>** = (Number of women using their saved money for their savings) / (Number of women considering they save money thanks to the F3PA efficient cookstoves)

e) *SDG 7, Affordable and clean energy*

**Number of F3PA efficient cookstoves disseminated** = Number of F3PA efficient cookstoves included in the project database for project scenario p

f) *SDG 13, Climate Action*

The methodology directly provides equation for emission reductions (without separate baseline, projector leakage emission reduction equations). The emission reduction for the VPA are calculated using the following equation.

$$ER_y = \sum_{0 \text{ to } 1}^{x \text{ to } y} N_{p,y} * P_y * U_{p,y} * (f_{NRB,y} * EF_{b,fuel,CO} + EF_{b,fuel,nonCO}) * (1 - DF_{b,Stove,y})$$

Where

|           |                                                                                                                            |
|-----------|----------------------------------------------------------------------------------------------------------------------------|
| $N_{p,y}$ | Number of households with project cookstoves of each age group operational in the year y                                   |
| $P_y$     | Quantity of firewood that is saved in the year y (tones per household in year y)                                           |
| $U_{p,y}$ | Usage rate for project cookstoves in year y, based on adoption rate and drop off rate revealed by usage surveys (fraction) |

|                      |                                                                              |
|----------------------|------------------------------------------------------------------------------|
| $f_{NRB,y}$          | Factional non-renewability status of wood fuel during year y                 |
| $EF_{b,fuel,CO2}$    | CO2 emission factor of firewood that is substituted or reduced               |
| $EF_{b,fuel,nonCO2}$ | Non CO2 emission factor of firewood that is substituted or reduced           |
| $DF_{b,stove,y}$     | Usage of baseline cookstove during the year y (fraction) in project scenario |
| X                    | y-1                                                                          |
| Y                    | Year of the crediting period                                                 |

### **Determination of quantity of biomass saved ( $P_y$ ):**

Quantity of firewood that is saved ( $P_y$ ) is estimated using the following equation:

$$P_y = B_{b,y} * (1 - \frac{\eta_b}{\eta_{p,y}})$$

Where:

|              |                                                                                                                                                                                                                                                                                 |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| $P_y$        | Quantity of firewood that is saved in the year y (tones per household in year y)                                                                                                                                                                                                |
| $B_{b,y}$    | Quantity of firewood consumed in baseline scenario during year y (tones per household per year)                                                                                                                                                                                 |
| $\eta_{p,y}$ | Efficiency of project cookstove in year y (fraction)                                                                                                                                                                                                                            |
| $\eta_b$     | Efficiency of the baseline cookstove being replaced (fraction). A default value of 10% shall be used if the replaced cookstove is a three stone fire, or a conventional device without a grate or a chimney i.e. with no improved combustion air supply or flue gas ventilation |
| y            | Year of the crediting period                                                                                                                                                                                                                                                    |

### **Determination of quantity of fire wood consumed in the baseline ( $B_{b,y}$ ):**

The firewood consumed is the estimated average annual consumption of firewood per household (tones/year), which may be derived using option (c) of the methodology: minimum service level i.e. energy derived from the combustion of 0.5 tonnes per capita per year as the default baseline biomass consumption. The average household size per municipality is available in the "Recensement général de la population et de l'habitation (RGPH) de 2006 du Burkina Faso"<sup>10</sup> or the general census of the population and habitat of Burkina Faso, table 15.

### **Determination of project cookstove efficiency ( $\eta_{p,y}$ and $\eta_p$ ):**

<sup>10</sup> INSD, recensement général de la population et de l'habitation de 2006, juillet 2008, Ministère de l'Economie et des Finances, p43 (tableau 15), 52 pages

Efficiency of project cookstove in year  $y$  ( $\eta_{p,y}$ ) is estimated as follows:

$$\eta_{p,y} = \eta_p * (DF_{\eta})^{y-1} * 0.94$$

Where

|              |                                                                                                      |
|--------------|------------------------------------------------------------------------------------------------------|
| $\eta_{p,y}$ | Efficiency of project cookstove in year $y$ (fraction)                                               |
| $\eta_p$     | Efficiency of project cookstove (fraction) determined at the start of the project activity           |
| $DF_{\eta}$  | Discount factor to account for efficiency loss of project cookstove per year of operation (fraction) |
| 0.94         | Adjustment factor to account for uncertainty related to project cookstove efficiency test            |

| SDG | SDG Impact                                                                                        | Baseline estimate | Project estimate | Net benefit          |
|-----|---------------------------------------------------------------------------------------------------|-------------------|------------------|----------------------|
|     |                                                                                                   |                   |                  | VPA-01: 8,400 tCO2e  |
|     |                                                                                                   |                   |                  | VPA-02: 7,832 tCO2e  |
|     |                                                                                                   |                   |                  | VPA-03: 9,507 tCO2e  |
|     |                                                                                                   |                   |                  | VPA-04: 9,908 tCO2e  |
|     |                                                                                                   |                   |                  | VPA-05: 8,841 tCO2e  |
| 13  | Number of tCO2e reduced by the project                                                            |                   |                  | VPA-06: 9,592 tCO2e  |
|     |                                                                                                   |                   |                  | VPA-07: 8,535 tCO2e  |
|     |                                                                                                   |                   |                  | VPA-08: 9,311 tCO2e  |
|     |                                                                                                   |                   |                  | VPA-09: 10,000 tCO2e |
|     |                                                                                                   |                   |                  | VPA-10: 10,000 tCO2e |
|     |                                                                                                   |                   |                  | Total: 91,926 tCO2e  |
| 1   | <b>Parameter #1:</b> Number of leader women (Monitrice endogène) who benefit from microcredit     |                   |                  | Parameter #1: 867    |
|     | <b>Parameter #2:</b> Proportion of leader women (Monitrice endogène) participating to microcredit |                   |                  | Parameter #2: N.A.   |
|     |                                                                                                   |                   |                  | Parameter #3:        |

|   |                                                                                                                                                                                    |                                                                                                                                                                                         |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | scheme which make benefits from Income Generating Activities financed through the microcredit scheme                                                                               | N.A.                                                                                                                                                                                    |
|   | <b>Parameter #3:</b> Total benefit from Income Generating activities financed through the microcredit scheme                                                                       |                                                                                                                                                                                         |
| 3 | Smoke level reduction                                                                                                                                                              | 100%                                                                                                                                                                                    |
|   | Incidence of coughing reduction                                                                                                                                                    | 100%                                                                                                                                                                                    |
|   | Incidence of respiratory illness reduction                                                                                                                                         | 100%                                                                                                                                                                                    |
|   | Incidence of itchy eyes reduction                                                                                                                                                  | 100%                                                                                                                                                                                    |
| 4 | <b>Parameter #1:</b> Number of training initiatives for staff involved in the programme                                                                                            | Parameter #1:<br>1                                                                                                                                                                      |
|   | <b>Parameter #2:</b> Number of workshops carried out for women                                                                                                                     | Parameter #2:<br>368                                                                                                                                                                    |
| 5 | Proportion of stove users perceiving reduced amount of time spent on wood fuel collection and/or proportion of user perceiving reduced amount of money spent on wood fuel purchase | Reduced amount of time spent on wood fuel collection:<br>100%<br>Reduced amount of money spent on wood fuel purchase:<br>100%                                                           |
| 7 | Number of F3PA efficient cookstoves disseminated                                                                                                                                   | VPA 01: 8,351<br>VPA 02: 8,390<br>VPA 03: 8,536<br>VPA 04: 9,562<br>VPA 05: 8,067<br>VPA 06: 9,634<br>VPA 07: 8,522<br>VPA 08: 8,171<br>VPA 09: 8,189<br>VPA 10: 7,854<br>Total: 85,276 |

### E.5. Comparison of actual SDG Impacts with estimates in approved PDD

| SDG | Values estimated in ex ante calculation of approved PDD for this monitoring period | Actual values <sup>11</sup> achieved during this monitoring period |
|-----|------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| 13  | GS2456 (VPA-01): 9,991 VER                                                         | GS2456 (VPA-01): 8,400 VER                                         |
|     | GS3516 (VPA-02): 9,563 VER                                                         | GS3516 (VPA-02): 7,832 VER                                         |
|     | GS3517 (VPA-03): 10,000 VER                                                        | GS3517 (VPA-03): 9,507 VER                                         |
|     | GS3518 (VPA-04): 9,995 VER                                                         | GS3518 (VPA-04): 9,908 VER                                         |
|     | GS3519 (VPA-05): 9,994 VER                                                         | GS3519 (VPA-05): 8,841 VER                                         |
|     | GS3520 (VPA-06): 10,000 VER                                                        | GS3520 (VPA-06): 9,592 VER                                         |
|     | GS3521 (VPA-07): 10,000 VER                                                        | GS3521 (VPA-07): 8,535 VER                                         |
|     | GS3522 (VPA-08): 9,994 VER                                                         | GS3522 (VPA-08): 9,311 VER                                         |
|     | GS3523 (VPA-09): 9,990 VER                                                         | GS3523 (VPA-09): 10,000 VER (10,404)                               |
|     | GS3524 (VPA-10): 9,999 VER                                                         | GS3524 (VPA-10): 10,000 VER (10,209)                               |
|     | <b>Total: 99,526 VER</b>                                                           | <b>Total: 91,926 VER</b>                                           |

E.5.1. Explanation of calculation of value estimated ex ante calculation of approved PDD for this monitoring period

N.A.

### E.6. Remarks on increase in achieved SDG Impacts from estimated value in approved PDD

The difference between the actual values achieved during monitoring period 6 and the estimated value of year 6 in the registered PDD can mainly be attributed to lower usage rate than expected. More drop-offs have been registered during the monitoring survey, as some households left their village due to increased insecurity in the region.

## SECTION F. SAFEGUARDS REPORTING

Not applicable.

No safeguarding principles were added to the monitoring plan.

<sup>11</sup> Whenever emission reductions are capped, both the original and capped values used for calculations must be transparently reported. Use brackets to denote original values.

## SECTION G. STAKEHOLDER INPUTS AND LEGAL DISPUTES

**G.1. List all Inputs and Grievances which have been received via the Continuous Input and Grievance Mechanism together with their respective responses/mitigations.**

No inputs/grievances have been received for the project during the monitoring period.

**G.2. Report on any stakeholder mitigations that were agreed to be monitored.**

Not applicable. No stakeholder mitigations were agreed to be monitored.

**G.3. Provide details of any legal contest that has arisen with the project during the monitoring period**

No legal contest or dispute has arisen.

## Revision History

| Version | Date            | Remarks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.1     | 14 October 2020 | <p>Hyperlinked section summary to enable quick access to key sections</p> <p>Improved clarity on Key Project Information</p> <p>Section for POA monitoring</p> <p>Forward action request section</p> <p>Improved Clarity on SDG contribution/SDG Impact term used throughout</p> <p>Clarity on safeguard reporting</p> <p>Clarity on design changes</p> <p>Leakage section added for VER/CER projects</p> <p>Addition of Comparison of monitored parameters with last monitoring period</p> <p>Provision of an <a href="#">accompanying Guide</a> to help the user understand detailed rules and requirements</p> |
| 1.0     | 10 July 2017    | Initial adoption                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |