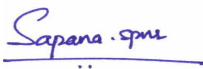




**Verification and certification report form for
CDM project activities
(Version 03.0)**

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

BASIC INFORMATION

Title and UNFCCC reference number of the project activity	This is a Gold Standard project activity with reference number: GS 879
Scale of the project activity	<input checked="" type="checkbox"/> Large-scale <input type="checkbox"/> Small-scale
Version number of the verification and certification report	2.0
Completion date of the verification and certification report	11/06/2019
Monitoring period number and duration of this monitoring period	1st Monitoring period Duration: 1 year from 01/01/2018 to 31/12/2018 both days included
Version number of the monitoring report to which this report applies	03
Crediting period of the project activity corresponding to this monitoring period	Second Crediting period
Project participants	Myclimate Foundation and Tembea Youth Centre for Sustainable Development
Host Party	Kenya
Applied methodologies and standardized baselines	GS Methodology: Technologies and Practices to Displace Decentralized Thermal Energy Consumption (version 2.0, 24/04/2015)
Mandatory sectoral scopes	Gold Standard Scope 3 : Technology distribution
Conditional sectoral scopes, if applicable	Not Applicable
Estimated amount of GHG emission reductions or GHG removals for this monitoring duration in the registered PDD	129,620 tCO ₂ e
Certified amount of GHG emission reductions or GHG removals for this monitoring period	130,673 tCO ₂ e
Name and UNFCCC reference number of the DOE	Bureau Veritas India Pvt. Ltd. (BVI), UNFCCC Ref. no. E-0009
Name, position and signature of the approver of the verification and certification report	 Sapana Pednekar – Global Quality Manager

SECTION A. Executive summary

Bureau Veritas India Pvt. Ltd. (BVI) has conducted the 1st periodic verification, of the 2nd crediting period, of the project “Energy Efficient Cook Stoves for Siaya Communities, Kenya”; Gold Standard registration reference number GS 879. The project is developed by MyClimate Foundation and Tembea Youth Centre for Sustainable Development, and is located in Siaya County, Kenya. The project is applying the Gold Standard methodology “Technologies and Practices to Displace Decentralized Thermal Energy Consumption version 2.0, 24/04/2015”.

The verification was based on:

- a) Gold Standard requirements for GS4GG, including the applied Gold Standard methodology.
- b) UNFCCC criteria for the CDM, in particular, CDM Validation and verification Standard for project activities (VVS) version 02.0.

The verification scope is defined as an independent and objective review and ex-post determination of the monitored project Sustainable Development Goals (SDGs), in particular SDG 13 (as mandatory), and any other two SDGs (as a minimum), as approved during registration/transition of the project to GS4GG. The verification consists of the following three phases:

- i) Desk review of the monitoring report, project design documents, the baseline and monitoring plan;
- ii) Onsite assessment and follow-up interviews with project stakeholders;
- iii) Resolution of outstanding issues and the issuance of the final verification report and opinion.

The overall verification, from Contract Review to Verification Report and Opinion, was conducted using Bureau Veritas India Pvt. Ltd. (BVI) internal procedures.

In summary, Bureau Veritas India Pvt. Ltd. (BVI) confirms that the project is implemented as planned and described in the validated and registered project design documents. The project has also realized positive results in the following 8 SDGs: SDG1 (No Poverty), SDG3 (Good Health and Well-being), SDG4 (Quality Education), SDG5 (Gender Equality), SDG7 (Affordable and Clean energy), SDG8 (Decent work and Economic growth), SDG12 (Responsible Production and Consumption) and SDG 13 (Climate Action).

Installed equipment (i.e. efficient cook stoves) being essential for attainment of SDG 13 (i.e. generating emission reduction) run reliably. The monitoring system is in place and the project is generating GHG emission reductions. The GHG emission reductions are calculated without material misstatements, and the emission reductions verified totalize 130,673 tCO₂e for the monitoring period.

Our opinion relates to the SDGs results monitored and reported in monitoring report version 03, dated 02/04/2019, relative to the valid and registered project baseline, approved monitoring plan and its associated documents.

SDG	Baseline estimate	Project estimate	Net benefit
SDG 1	405	145	260
SDG 3	0	100%	100%
SDG 4	0	319 persons	319 persons
SDG 5	0	148 trained 55 received income	148 women received training 55 women received income
SDG 7	0	315,298	315,298 persons
SDG 8	0	169	169 persons
SDG 12	0	54.6%	54.6%

SDG 13	239,036 t CO ₂ e	108,363 t CO ₂ e	130,673 t CO ₂ e (Emission Reductions)
--------	-----------------------------	-----------------------------	---

SECTION B. Verification team, technical reviewer and approver

B.1. Verification team member

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of DOE or outsourced entity)	Involvement in			
						Desk/document review	On-site inspection	Interviews	Verification findings
1.	Team Leader	IR	Onsongo	Samuel	Bureau Veritas India Pvt. Ltd. (BVI)	x	x	x	x

B.2. Technical reviewer and approver of the verification and certification report

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of DOE or outsourced entity)
1.	Technical reviewer	IR	Chirchir	James	Bureau Veritas India Pvt. Ltd. (BVI)
2.	Approver	IR	Pednekar	Sapana	Bureau Veritas India Pvt. Ltd. (BVI)

SECTION C. Application of materiality

C.1. Consideration of materiality in planning the verification

No.	Risk that could lead to material errors, omissions or misstatements	Assessment of the risk		Response to the risk in the verification plan and/or sampling plan
		Risk level	Justification	
1.	Manual data entry	High	<p>Likelihood – Certain due to the organisation reliance on excel database for data capture and analysis</p> <p>Impact – Human errors that can lead to over estimation of the parameters such as number of days a stove has been in use. Hence over estimation of ERs claimed</p>	Onsite assessment - Cross checks a random sample of receipts/Stove Purchase Agreement with the information in the database.
2.	Using untrained personnel in conducting surveys	Medium	<p>Likelihood – may occur if the organisation has used employees without prior experience</p> <p>Impact – Unreliable survey data</p>	<p>- Onsite assessment of training records and interviews with enumerators.</p> <p>- Onsite review the process followed in conducting surveys; including information flow from excel sheets to visiting a sample of survey respondents.</p>
3.	Reliance on a poorly designed information system	Medium	<p>Likelihood – May occur if previous template is not updated</p> <p>Impact – Over estimation of ERs claimed.</p>	Recalculate ERs using parameters reported by PP to determine if the reported ERs can be reproduced

C.2. Consideration of materiality in conducting the verification

The VVB has applied the concept of materiality in the verification of SDG 13 only. Consideration of materiality began by determining the materiality threshold to be applied. The VVB used a threshold of 5% as provided for in the methodology, “Technologies and Practices to Displace Decentralized Thermal Energy Consumption, 2.0, 24/04/2015” (refer to page 43 of the methodology).

The VVB planned and assessed the risks indicated in section C.1 above, based on sampling (refer to section D.4 below) and applying the materiality threshold of 5% as follows

Risks	Planning	Conclusion
1. Manual data entry	Onsite assessment to be done by selecting a random sampled (Minimum sample size of 8) stove IDs from the sales database for the period 01/01/2018 to 31/12/2018, tracing and cross checking with information (e.g. stove ID, date of sale and stove owner) on physical receipts	No discrepancies were observed. The data was accepted and no more samples were taken.
2. Using untrained personnel in conducting surveys	a) Onsite assessment of training records and interviews with enumerators. b) Onsite review the process followed in conducting surveys by: i) Selecting a random sample datasets (minimum sample size of 23) from the monitoring and usage survey database, and crosschecked with the corresponding physical questionnaire. ii) Visiting and interviewing the respondents to the sampled questionnaires in i) above	Discrepancies between information in the physical questionnaires and database. The discrepancies did not affect ER calculations, but a Corrective action request was raised (refer to CAR 3).
3. Reliance on a poorly designed information system	Recalculating ERs using parameters reported by PP to determine if the reported ERs can be reproduced	An independent calculation of the parameter project technology days (Np,y) showed that the PP had overestimated the parameter by 6%. A corrective action request was raised (refer to CAR 2)

SECTION D. Means of verification

D.1. Desk/document review

The assessment of the project documentation provided by the project participant is based upon both quantitative and qualitative information on emission reductions. Quantitative information comprises the reported numbers in the monitoring report (MR) version 03 dated 02/04/2019 (refer to doc 1 in Appendix 3) and emission reduction calculation spreadsheet dated 01/04/2019 (refer to doc 2 in Appendix 3). Qualitative information comprises information on internal management controls, calculation procedures, data transfer procedures, frequency of emissions reports; and review of calculations. The monitoring report version 1 submitted by the project participant has been made available to Gold Standard.

Information reviewed included documents and records supporting the number of emission reductions (ERs) claimed by the project participants under SDG 13, as well as documents and records to support the assertions on the other seven SDGs. These included:

Documents and records for ER calculations:

- Monitoring Report version 03 (ref to doc 1 in Appendix 3)
- Project Design Documents for the renewed crediting period (refer to doc 3 in Appendix 3)
- Emission reduction (ER) Calculations spreadsheets (refer to doc 2 in Appendix 3)

- Project sales database (refer to doc 2 in Appendix 3)
- Monitoring and Usage survey data analysis (refer to doc 4 in Appendix 3)
- Sales records (refer list in Appendix 5)
- Financial Audit report (refer to doc 5 in Appendix 3)
- Training records (refer to list in Appendix 5)
- Questionnaires (refer to list in Appendix 5)

Documents and records for sustainable development indicators:

- Monitoring Report version 03 (ref to doc 1 in Appendix 3)
- Training records (ref to list in appendix 5)
- Monitoring and usage survey data analysis (refer to doc 4 in Appendix 3)
- Project Design Documents with GS passport (refer to doc 3 in Appendix 3)
- Sales records (refer list in Appendix 5)
- Financial Audit report (refer to doc 5 in Appendix 3)
- Training records (refer to list in Appendix 5)
- Questionnaires (refer to list in Appendix 5)
- Employment records (refer to doc 6 in Appendix 3)

NOTE: Some of the above documents and records were reviewed off site, while others were reviewed onsite. The full list of the documents and records reviewed is provided in Appendix 3 and appendix 5.

D.2. On-site inspection

Duration of on-site inspection: 25/02/2019 to 01/03/2019				
No.	Activity performed on-site	Site location	Date	Team member
1.	Introduction meeting	Tembea Offices, Siaya	25/02/2019	Samuel Onsongo
2.	Interviews with project monitoring staff	Tembea Offices, Siaya	25/02/2019	Samuel Onsongo
3.	Review of record (sales and training)	Tembea Offices, Siaya	25/02/2019	Samuel Onsongo
4.	Review of more records (questionnaires)	Tembea Offices, Siaya	26/02/2019	Samuel Onsongo
5.	Interviews with enumerators	Tembea Offices, Siaya	26/02/2019	Samuel Onsongo
6.	House hold visit (Usage/Monitoring Survey participants)	Various locations in Siaya	27/02/2019	Samuel Onsongo
7.	House hold visit (Usage/Monitoring Survey participants)	Various locations in Siaya	28/02/2019	Samuel Onsongo
8.	House hold visit (Usage/Monitoring Survey participants)	Various locations in Siaya	01/03/2019	Samuel Onsongo
9.	Closing meeting	Tembea Offices, Siaya	01/03/2019	Samuel Onsongo

D.3. Interviews

No.	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
1.	Orina	Job	Myclimate	Various dates	Project implementation of updated requirements, Usage/monitoring survey, Monitoring data, QA/QC, reporting	Samuel Onsongo
2.	Omondi	Victor	TYCS	Various dates	Employments terms, Training, data management	Samuel Onsongo
3.	Atieno	Lucy	TYCS	25/02/2019	Employments terms, Training	Samuel Onsongo

4.	Otieno	Erick	TYCS	25/02/2019 26/02/2019	Employments terms, Training, Data collection,	Samuel Onsongo
5.	Okelo	Daniel	TYCS	25/02/2019 26/02/2019	Employments terms, Training, Data collection,	Samuel Onsongo
6.	Okeyo	Sarah	TYCS	25/02/2019	Employments terms, Training	Samuel Onsongo
7.	Achieng	Dorcas	TYCS	25/02/2019	Employments terms, Training	Samuel Onsongo
8.	Apel	Carren	TYCS	25/02/2019	Employments terms, Training	Samuel Onsongo
9.	Adhiambo	Caroline	TYCS	25/02/2019 26/02/2019	Employments terms, Training, Data collection,	Samuel Onsongo
10.	Owino	Emilly	TYCS	25/02/2019 26/02/2019	Employments terms, Training, Data collection,	Samuel Onsongo
11.	Amollo	Joshua	TYCS	25/02/2019 26/02/2019	Employments terms, Training, Data collection,	Samuel Onsongo
12.	Abongo	Daniel	TYCS	25/02/2019 26/02/2019	Employments terms, Training, Data collection,	Samuel Onsongo

D.4. Sampling approach

a) Determining sample size

Where the project participant employed sampling to determine parameters/values, the VVB employed acceptance sampling (as described in section 6 of CDM Standard for Sampling and surveys for CDM project activities and programme of activities version 07.0) as a means of verification. The following conditions were applied to determine the sample size taken by the VVB:

- (i) Acceptable quality level or the Level of Assurance (AQL). AQL = 0.5%
- (ii) Unacceptable quality level (UQL). UQL = 15%
- (iii) Producer’s risk = 5%
- (iv) Consumer’s risk = 15%

The determined minimum sample size was 22 samples

For all other sampling efforts, the VVB employed 90/30 confidence/precision, as the criteria for reliability of sampling efforts. The sample size was determined using the 90/30 rule and an expected value of 50%, since no specific value was being sought. These values were then input into an online tool ref <http://www.raosoft.com/samplesize.html> to determine the sample size.

The determined minimum sample was 8 samples

b) Implementation of sampling

The table below shows the sampling method and number of samples taken for review:

Records Sampled	Sampling method	Justification	Sample taken
Monitoring and usage survey questionnaires	Stratified random sampling	To ensure all ages covered in the usage survey are represented	23 samples spread as: 2011 – 2 samples 2012 – 2 samples 2013 – 2 samples 2014 – 3 samples 2015 – 5 samples 2016 – 3 samples 2017 – 3 samples 2018 – 3 samples

Sales records (receipts)	Simple random sampling	To ensure equal chance of selection	25 samples all from 2018 sales
--------------------------	------------------------	-------------------------------------	--------------------------------

For the case of Monitoring and Usage survey questionnaires, the same sample of 23 was subject for household visits.

D.5. Clarification requests (CLs), corrective action requests (CARs) and forward action requests (FARs) raised

Areas of verification findings	No. of CL	No. of CAR	No. of FAR
Compliance of the monitoring report with the monitoring report form	1		
Compliance of the project implementation and operation with the registered PDD			
Post-registration changes			
Compliance of the registered monitoring plan with the methodologies including applicable tools and standardized baselines			
Compliance of monitoring activities with the registered monitoring plan			
Compliance with the calibration frequency requirements for measuring instruments			
Assessment of data and calculation of emission reductions or net removals	1	3	
Assessment of reported sustainable development co-benefits	1		
Global stakeholder consultation			
Others (please specify)			
Total	3	3	0

SECTION E. Verification findings

E.1. Compliance of the monitoring report with the monitoring report form

Means of verification	Desk review of monitoring report
Findings	A clarification request was raised regarding the usage of GS templated. Refer to CL 1
Conclusion	The VVB confirms that the final monitoring report version 03, as prepared by the PP is in the latest monitoring report template (June 2017, version 1) provided by Gold Standard.

E.2. Remaining forward action requests from validation and/or previous verifications

There are no FAR from previous verification.

E.3. Compliance of the project implementation and operation with the registered project design document

Means of verification	<p>Document review: Monitoring report version 03 (ref doc 1 Appendix 3) and registered PDD (ref doc 3 Appendix 3) and supporting records including sales receipts and training records.</p> <p>Site visit from 25/02/2019 to 01/03/2019: Interviews with PP's representative, monitoring team and participants in the monitoring and usage survey, and Observation of stove technology implemented</p>
Findings	Compliant
Conclusion	The VVB has performed a site visit and found that implementation and operation of the project activity has been in accordance with the description contained in the registered PDD. The PP has continued to install energy efficient cook stoves in household in Siaya County in Kenya. The stove technology installed, is a fixed biomass rocket stove designed for burning woody biomass and consists of two cooking units that can be fired separately. No changes to the project design were

	<p>identified during this verification.</p> <p>The organizational structure for project monitoring remains the same as in the registered PDD and previous monitoring periods. All staff involved in monitoring have been trained on the updated Gold Standard requirements GS4GG, and in particular training on <i>Requirements and Guidelines for carrying out usage surveys for projects implementing improved cooking</i>.</p> <p>The VVB can confirm that the implementation and operation of the Project is consistent with the registered PDD.</p>
--	--

E.4. Post-registration changes

E.4.1. Temporary deviations from the registered monitoring plan, applied methodologies, standardized baselines or other methodological regulatory documents¹

None for this monitoring period

E.4.2. Corrections

None for this monitoring period

E.4.3. Changes to the start date of the crediting period

Not applicable

E.4.4. Inclusion of a monitoring plan

Not applicable

E.4.5. Permanent changes from registered monitoring plan, or permanent deviation of monitoring from the applied methodologies, standardized baselines or other methodological regulatory documents

None for this monitoring period

E.4.6. Changes to the project design

None for this monitoring period

E.4.7. Changes specific to afforestation and reforestation project activities

Not applicable

E.5. Compliance of the registered monitoring plan with applied methodologies, applied standardized baselines, and other applied methodological regulatory documents

Means of verification	Document review The VVB reviewed the following documents: Monitoring report version 03 (ref doc 1 Appendix 3) and applied methodology (ref doc 7 Appendix 3), to establish whether the implemented monitoring plan was in line with the monitoring methodology.
Findings	Compliant
Conclusion	The VVB has verified the monitoring plan, including the data and parameters required to be monitored, measurement procedures, monitoring frequency and QC/QA procedures and confirms that implemented monitoring plan is compliant with the applied methodology <i>Technologies and Practices to Displace Decentralized Thermal Energy Consumption (version 2.0, 24/04/2015)</i> .

E.6. Compliance of monitoring activities with the registered monitoring plan

¹ Other standards, methodologies, methodological tools and guidelines (to be) applied in accordance with the applied(selected) methodologies are collectively referred to as the other (applied) methodological regulatory documents).

In this section, only assessment of monitoring activities relevant to SDG 13 (Climate Action) are reported. For assessment of other SDGs please refer to section 9 of this report.

E.6.1. Data and parameters fixed ex ante or at renewal of crediting period

Means of verification	Document review For the parameters determined and fixed ex ante, the VVB has crosschecked the values as reported in the monitoring report with values provided in the registered PDD and IPCC default values. The DOE also assessed the application of the values in calculation of emission reductions.
Findings	One corrective action request was raised regarding inconsistency between information in the monitoring report and registered PDD for parameters $P_{b,y}$ and $P_{p,y}$ (refer to CAR 01)
Conclusion	The following parameters were determined and fixed ex ante for the renewed crediting period: <ul style="list-style-type: none"> - $EF_{b,co2}$ - CO₂ emission factor arising from use of wood-fuel in baseline scenario (1.7472 tCO₂/t wood) - $EF_{b,non-co2}$ - Non-CO₂ emission factor arising from use of wood-fuel in baseline scenario (0.1356 tCO₂eq/t wood). - $EF_{p,co2}$ - CO₂ emission factor arising from use of wood-fuel in project scenario (1.7472 tCO₂/t wood). - $EF_{p,non-co2}$ - Non-CO₂ emission factor arising from use of wood-fuel in project scenario (0.1356 tCO₂eq/t wood). - $f_{NRB,i,y}$ - Non-renewability status of woody biomass fuel in scenario I during year y (92%). (ref link). - $P_{b,y}$ - Quantity of woody biomass consumed in the baseline scenario in year y and per day in year y (2.7375 t wood/year and 0.0075 t wood/day) - $P_{p,y}$ - Quantity of woody biomass consumed in the project scenario in year y and per day in year y (1.241 t wood/year and 0.0034t wood/day) <p>The DOE confirms that the parameters have been correctly reported and applied in emission reductions calculation</p>

E.6.2. Data and parameters monitored

Means of verification	<p>Parameter 1 – Project technologies credited (units) MoV: The parameter was verified by reviewing the Financial Audit Report (ref doc 5 in Appendix 3), Previous monitoring report (ref doc 10 in Appendix 3, Previous verification report (ref doc 9 in Appendix 3). Further, during onsite assessment, a random samples of 22 stoves from the sales database (for 2018 sales) was selected and the information crosschecked with the corresponding sales receipts/Stove Purchase Agreements. The sampling approach is described in section D.4 above. No discrepancies have been observed. The DOE considers that the PP has monitored and reported the parameter as required. The following values are reported:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Year</th> <th>number of stoves</th> </tr> </thead> <tbody> <tr> <td>2011</td> <td>4,662</td> </tr> <tr> <td>2012</td> <td>5,139</td> </tr> <tr> <td>2013</td> <td>5,187</td> </tr> <tr> <td>2014</td> <td>6,840</td> </tr> <tr> <td>2015</td> <td>14,186</td> </tr> <tr> <td>2016</td> <td>7,819</td> </tr> <tr> <td>2017</td> <td>8,360</td> </tr> <tr> <td>2018</td> <td>7,885</td> </tr> <tr> <td>TOTAL</td> <td>60,078</td> </tr> </tbody> </table> <p>Parameter 2 – $P_{p,b,y}$ (Quantity of woody biomass consumed in the project scenario in year y and per day in year y) MoV: The VVB has reviewed the registered PDD and monitoring methodology to determine the monitoring and reporting requirement of the parameter. As per the registered PDD, it is required that this parameter be updated every two years through field tests. The PP had carried out a field test in 2017 and the result were valid for 2018 and have been applied correctly. The reported value is 0.0035t</p>	Year	number of stoves	2011	4,662	2012	5,139	2013	5,187	2014	6,840	2015	14,186	2016	7,819	2017	8,360	2018	7,885	TOTAL	60,078
Year	number of stoves																				
2011	4,662																				
2012	5,139																				
2013	5,187																				
2014	6,840																				
2015	14,186																				
2016	7,819																				
2017	8,360																				
2018	7,885																				
TOTAL	60,078																				

	<p>wood/day.</p> <p>Parameter 3 – U_{py} (Usage rate in project scenario during year y) MoV: According to the registered PDD the parameter is monitored annually through usage survey. The VVB has assessed the PP's usage survey against the updated rule for usage survey published on 23/08/2017 by Gold Standard. The PP was able to demonstrate that it has attained the level B. <i>Good Practice Monitoring Requirements</i>. The PP demonstrated attainment as follow:</p> <p>A. Mandatory Monitoring requirements Step1: According to the usage data analysis households that indicated usage frequency of less than daily, in the survey, are considered non-users and those with a frequency of at least once a day are considered users. The VVB confirmed this through the sampled questionnaires as indicated in section D.4 of this report Step 2: The VVB confirms that implementation of the household usage survey has been in line with the requirement as seen in the questionnaires samples as indicated in section D.4 of this report. This was further confirmed through visits to the household that participated in the survey, as sampled by the VVB. Photos of cook of area, were also provided as evidence of compliance. Step 3: The VVB reviewed the checklist, used by the PP in the verification exercise, to confirm fulfilment of step 3 requirements.</p> <p>B. Good Practice Monitoring requirements The VVB reviewed training records, provided by the PP, to show that the field team had been trained. The VVB confirmed this through observation of training flips charts at the walls of the PP offices, in addition to interviews with the field team as listed in section D.3 of this report. The PP had indicated that end user training is conducted together with awareness campaigns. A list of awareness activities is provided. From the survey, the results indicate as usage rate of 95.2%. However, the value applied is 90% in line with the updated rule for usage survey.</p> <p>Parameter 5 – $N_{p,y}$ (Project technologies days) MoV: The parameter was verified by randomly selecting 22 samples from the sales database and comparing the information with the corresponding receipts/Stove Purchase Agreements. The sampling approach is described in section D.4 of this report. The VVB further reviewed the aggregate value of the parameter, as determined by the PP through an independent calculation using the provided data in the <i>Tembea_Cook Stove Project_database</i>. From the reviewed it was realized that the PP had overestimated the parameter by 6%. This was considered material deviation and a corrective action was raised (refer to CAR 2). The PP has made correction in a revised monitoring report and <i>Tembea_Cook Stove Project_database</i>. The value reported and used in emission reductions calculation is 20,316,870 days</p> <p>Parameter 6 – $LE_{p,y}$ (Leakage in project scenario p during year y) MoV: The VVB confirms that the PP has monitored the parameter as required through a monitoring survey. The monitoring survey was carried out together with the usage survey. The VVB has also assessed the monitoring survey together with the usage survey (refer to VVB's review on parameter 3 above). A value of zero (0) leakage has been applied in emission reduction.</p> <p>Parameter 7 – Similar cook stove project activities in the project area MoV: The VVB has reviewed project listing in the registries provided i.e. Gold Standard registry and CDM registry and confirm that no project covering the same geographical area and implementing the same technology has been registered.</p>
Findings	Refer to CAR 2
Conclusion	<p>The VVB hereby confirms that:</p> <ul style="list-style-type: none"> - The monitoring has been carried out in accordance with the monitoring plan contained in the registered PDD and the updated rule for usage survey published on 23/08/2017 by Gold Standard - All parameters required by the monitoring plan have been sufficiently monitored and correctly listed. The monitored data for required parameters have been verified

	by checking the whole information flow.
--	---

E.6.3. Implementation of sampling plan

Means of verification	Verification involved interviewing the monitoring manager, data manager and enumerators, and review of monitoring and usage survey data (ref doc 4 Appendix 3) against the sampling requirement of the applied methodology. The VVB assessed the transfer of survey information from questionnaire to the excel database, through a sample of questionnaire as indicated in section D.4 of this report. Further review was done on the statistical analysis done by the PP. The VVB also visited households from the sampled questionnaires and held confirmatory interviews.
Findings	Errors were noted in the transfer of information from the physical questionnaire to the database. The impact of the errors of Errors on ER calculations was immaterial. However a corrective action request was raised (refer to CAR 3)
Conclusion	The VVB confirms that the sampling efforts and surveys comply with the sampling requirements of the applied methodology and have been implemented as required.

E.7. Compliance with the calibration frequency requirements for measuring instruments

Means of verification	Document review: The following documents were reviewed: Monitoring report (refer to doc 1 in Appendix 3), registered PDD (refer to doc 3 in Appendix 3), previous verification report (refer to doc 9 in Appendix 3)
Findings	Compliant
Conclusion	Assessment of calibration was not done since no measuring equipment were used in this monitoring period.

E.8. Assessment of data and calculation of emission reductions or net removals

E.8.1. Calculation of baseline GHG emissions or baseline net GHG removals by sinks

Means of verification	Document review The following documents were reviewed: applied methodology (ref doc 7 Appendix 3), registered PDD (ref doc 3 Appendix 3), monitoring report (ref doc 1 Appendix 3) and ER calculation spreadsheet (ref doc 2 Appendix 3)
Findings	Compliant
Conclusion	Baseline emissions calculations are integrated in emissions reduction calculation formula

E.8.2. Calculation of project GHG emissions or actual net anthropogenic GHG removals by sinks

Means of verification	Document review The following document were reviewed: applied methodology (ref doc 7 Appendix 3), registered PDD (ref doc 3 Appendix 3), monitoring report (ref doc 1 Appendix 3) and ER calculation spreadsheet (ref doc 2 Appendix 3)
Findings	Compliant
Conclusion	Project emissions calculations are integrated in emissions reduction calculation formula

E.8.3. Calculation of leakage GHG emissions

Means of verification	The following document were reviewed: applied methodology (ref doc 7 Appendix 3), registered PDD (ref doc3 Appendix 3), monitoring report (ref doc 1 Appendix 3) and ER calculation spreadsheet (ref doc 2 Appendix 3) and monitoring and usage survey data analysis (ref doc 4 Appendix 3)
Findings	Compliant
Conclusion	No leakage

E.8.4. Summary calculation of GHG emission reductions or net anthropogenic GHG removals by sinks

Means of verification	Verification involved independent calculation of the projects ER using the verified
------------------------------	---

	parameter as described in section E.6 and following the formulae in the registered PDD; to determine whether or not the values indicated in the monitoring report can be reproduced.
Findings	Compliant
Conclusion	The details for emission reductions calculation during the monitoring period from 01/01/2018 to 31/12/2018 are provided in the ER calculation spreadsheet (ref doc 2 Appendix 3). From the verification the VVB can confirm that (a) All data was available for this monitoring period (b) Crosschecks have been done on the values used in ER calculation with their respective sources of data (refer to section E.6.2 above). (c) Appropriate methods and formulae for calculating GHG emission reductions have been followed; (d) Assumptions, emission factors and default values that have been applied in the calculations have been justified; (e) The first and last days in which CERs are being claimed has been correctly specified.

E.8.5. Comparison of actual GHG emission reductions or net anthropogenic GHG removals by sinks with estimates in registered PDD

Means of verification	Document review The following document were reviewed: registered PDD (ref doc 3 Appendix 3) and monitoring report (ref doc 1 Appendix 3)
Findings	Compliant
Conclusion	The total estimated ex ante emission reductions for this monitoring period, according to the PDD, is 129,620 tCO ₂ e. The corresponding actual emission reduction in the monitoring period (01/01/2018 to 31/12/2018), as reported in the monitoring report and verified by the DOE, is 130,673 tCO ₂ e. This indicates that the project achieved approximately 0.8% more ERs than projected in the registered PDD.

E.8.6. Remarks on difference from estimated value in registered PDD

Means of verification	Document review The following document were reviewed: registered PDD (ref doc 3 Appendix 3) and monitoring report (ref doc 1 Appendix 3)
Findings	Compliant
Conclusion	The VVB considers the reason, provided for the difference in the actual ERs achieved and the estimates in the PDD, to be justifiable. The number of stove in operation was slightly higher than projected in the registered PDD.

E.8.7. Actual GHG emission reductions or net anthropogenic GHG removals by sinks during the first commitment period and the period from 1 January 2013 onwards

Means of verification	Document review The following document were reviewed: registered PDD (ref doc 3 Appendix 3) and monitoring report (ref doc 1 Appendix 3)
Findings	Compliant
Conclusion	All emission reductions claimed in this monitoring period fall under the period 1 January 2013 onwards. Relevant GWPs for the period were used.

E.9. Assessment of reported sustainable development co-benefits

Means of verification	SDG 1: No Poverty For this SDG, the PP monitors time and money saved per year due to reduced fuel consumption, and Number of people in the established savings and loaning groups. The following values are reported Time: 260 hrs Money: Ksh. 8,709 Number of people in savings and loaning groups: 60,401 people SDG 3: Good health and well-being
------------------------------	--

	<p>The parameter monitored is air quality, done through monitoring survey. The monitoring survey examines the proportion of positive comments (on air quality) from stove users. The value reported is 100% positive comments.</p> <p>MoV: Verification was done as through a review of the monitoring and usage survey data; and further held interviews with a sampled of 23 stove users who participated in the Usage and Monitoring survey, as indicated in section D.4 and E.6.3 of this report.</p> <p><u>SDG 4: Quality education</u> The parameter monitored is the number of persons receiving training in various skills and programmers. Monitoring is done through training records. The following values are reported: 215 trained artisans 104 trained community mobilizers 60,401 people have been trained in the Community Savings and loaning programme</p> <p>MoV: The VVB carried out a site visit and reviewed records from training including attendance lists, list of awareness creation activities and reports.</p> <p><u>SDG 5: Gender equality</u> The parameter monitored is the number of women trained and receiving income from project. Monitoring is done through training records, financial and employment records. The following values are reported: Training: 52,056 women trained for saving and loaning groups, 116 women trained as artisans and 32 women trained as community mobilizers Income: 32 women are community mobilizers, 15 women are artisans and 8 women are fulltime employees of the project</p> <p>MoV: The VVB reviewed training records, employment records and the list of people receiving income from the project activity and also held interviews with the staff working for the PP.</p> <p><u>SDG 7: Affordable and clean energy</u> The parameter monitored is the number of households benefiting from using efficient cook stoves. The value is calculated from the number of stoves in use multiplied by the average number of persons in a household. The value reported is 315,298 people.</p> <p>MoV: Verification was done together with verification of parameter 1 and 3 in section E.6.2 above.</p> <p><u>SDI 8: Decent work and economic growth</u> The parameter monitored is the number of people receiving income from project activity. The value reported is 169 people</p> <p>MoV: The VVB reviewed list of people receiving income from the project activity and also held interviews with the PP's representative and fulltime staff employed by the project.</p>
Findings	One clarification request was raised (refer to CL 3)
Conclusion	The VVB can confirm that: - The monitoring has been carried out in accordance with the monitoring plan contained in the registered PDD. - All parameters required by the monitoring plan have been sufficiently monitored and correctly listed. The monitored data for required parameters have been verified by checking the whole information flow.

E.10. Global stakeholder consultation

Means of verification	Not applicable
Findings	Not applicable
Conclusion	Not applicable

SECTION F. Internal quality control

The verification report underwent an Internal Technical Review (ITR) before requesting issuance of VERs for the project activity. The ITR is an independent process performed to examine thoroughly that the process of verification has been carried out in conformance with the requirements of the verification scheme as well as internal Bureau Veritas India Pvt. Ltd. (BVI) procedures.

The Team Leader provides a copy of the verification report to the reviewer, including any necessary verification documentation. The reviewer reviews the submitted documentation for conformance with the verification scheme. This will be a comprehensive review of all documentation generated during the verification process.

When performing an Internal Technical Review, the reviewer ensures that:

- The verification activity has been performed by the team, by exercising utmost diligence and complete adherence to the CDM rules and requirements, as well as requirements for Voluntary Offset Projects under the Gold Standard, including the applied Gold Standard methodology.
- The review encompasses all aspects related to the project which includes: project design, baseline, monitoring plan and emission reduction calculations, internal quality assurance systems of the project participant, as well as the project activity, closure of CARs, CLs and FARs during the verification exercise, and review of sample documents.

The reviewer may raise Clarification Requests to the verification team and discusses these matters with Team Leader. After the agreement of the responses on the Clarification Requests from the verification team as well as the PP, the finalized verification report is accepted for further processing such as final approval, submission to the PP or uploading via the GS registry

SECTION G. Verification opinion

Bureau Veritas India Pvt. Ltd. (BVI) has conducted the 1st periodic verification, of the 2nd crediting period, of the project "Energy Efficient Cook Stoves for Siaya Communities, Kenya"; Gold Standard registration reference number GS 879. The project is developed by MyClimate Foundation and Tembea Youth Centre for Sustainable Development, and is located in Siaya County, Kenya. The project is applying the Gold Standard methodology "Technologies and Practices to Displace Decentralized Thermal Energy Consumption version 2.0, 24/04/2015".

The verification was based on:

- a) Gold Standard requirements for GS4GG, including the applied Gold Standard methodology.
- b) UNFCCC criteria for the CDM, in particular, CDM Validation and verification Standard for project activities (VVS) version 02.0.

The management of Tembea Youth Centre for Sustainable Development (Kenya) and MyClimate Foundation (Switzerland) are responsible for the preparation of the GHG emissions data and the reported GHG emission reductions of the Project on the basis set out within the monitoring plan contained in the registered PDD. The development and maintenance of records and reporting procedures, in accordance with that plan, including the calculation and determination of GHG emission reductions from the project, is the responsibility of the management of the project.

Bureau Veritas India Pvt. Ltd. (BVI) has verified the project Monitoring Report version 03 dated 02/04/2019 for the reporting period 01/01/2018 to 31/12/2018 (both days included). Bureau Veritas India Pvt. Ltd. (BVI) confirms that the project is implemented as described in the validated and registered project design documents. The project has realized positive results in the following 8 SDGs: SDG1 (No Poverty), SDG3 (Good Health and Well-being), SDG4 (Quality Education), SDG5 (Gender Equality), SDG7 (Affordable and Clean energy), SDG8 (Decent work and Economic growth), SDG12 (Responsible Production and Consumption) and SDG 13 (Climate Action).

Installed equipment (i.e. efficient cook stoves) being essential for attainment of SDG 13 (i.e. generating emission reduction) run reliably. The monitoring system is in place and the project is generating GHG emission reductions. The GHG emission reductions are calculated without material misstatements, and the emission reductions verified totalize 130,673 tCO₂e for the monitoring period.

Our opinion relates to the SDGs results monitored and reported in monitoring report version 03, dated 02/04/2019, relative to the valid and registered project baseline, approved monitoring plan and its associated documents.

SDG	Baseline estimate	Project estimate	Net benefit
SDG 1	405	145	260
SDG 3	0	100%	100%
SDG 4	0	319	319 persons
SDG 5	0	148 trained 55 received income	148 women received training 55 women received income
SDG 7	0	315,298	315,298 persons
SDG 8	0	169	169 persons
SDG 12	0	54.6%	54.6%
SDG 13	239,036 t CO₂e	108,363 t CO₂e	130,673 t CO₂e (Emission Reductions)

SECTION H. Certification statement

Bureau Veritas India Pvt. Ltd. (BVI) has conducted the 1st periodic verification, of the 2nd crediting period, of the project “Energy Efficient Cook Stoves for Siaya Communities, Kenya”; Gold Standard registration reference number GS 879. The project is developed by MyClimate Foundation and Tembea Youth Centre for Sustainable Development, and is located in Siaya County, Kenya. The project is applying the Gold Standard methodology “Technologies and Practices to Displace Decentralized Thermal Energy Consumption version 2.0, 24/04/2015”.

The verification was based on:

- a) Gold Standard requirements for GS4GG, including the applied Gold Standard methodology.
- b) UNFCCC criteria for the CDM, in particular, CDM Validation and verification Standard for project activities (VVS) version 02.0.

Bureau Veritas India Pvt. Ltd. (BVI) hereby certifies that the project has attained the following results on the monitored SDGs, in the monitoring period 01/01/2018 to 31/12/2018:

SDG	Baseline estimate	Project estimate	Net benefit
SDG 1	405	145	260
SDG 3	0	100%	100%
SDG 4	0	319	319 persons
SDG 5	0	148 trained 55 received income	148 women received training 55 women received income
SDG 7	0	315,298	315,298 persons
SDG 8	0	169	169 persons


SDG 12	0	54.6%	54.6%
SDG 13	239,036 t CO₂e	108,363 t CO₂e	130,673 t CO₂e (Emission Reductions)



Mr. Samuel Mayieko

Team Leader

12/06/2019



Mr. James Chirchir

Internal Technical Reviewer

12/06/2019

Appendix 1. Abbreviations

Abbreviations	Full texts
CAR	Corrective Action Request
CDM	Clean Development Mechanism
CER	Certified Emission Reductions
CL	Clarification Request
CO2	Carbon Dioxide
CO2e	Carbon Dioxide Equivalent
ER	Emission Reductions
FAR	Forward Action Request
GHG	Green House Gas(es)
GS	Gold Standard
GS4GG	Gold Standard for the Global Goals
MoV	Means of Verification
MR	Monitoring Report
PDD	Project Design Document
PP	Project Participant
SDG	Sustainable Development Goals
TYCS	Tembea Youth Centre For Sustainable Development
UNFCCC	United Nations Framework Convention on Climate Change
VER	Verified Emission Reductions
VVB	Validation/Verification Bodies
VVS	Validation and Verification Standard

Appendix 2. Competence of team members and technical reviewers

Lead Verifier – Samuel Mayieko

He has a degree in Physics with over 9 years of experience in renewable energy, energy efficiency and climate change, out of which 6 years have been in CDM. He has been trained on CDM verification, QMS (ISO 9001) and EMS (ISO 14001), as Lead auditor. He has been involved in validation and verification of CDM and Gold Standard projects covering sectoral scope 1 and 3. Some of the GS projects he has been involved in included: Previous cycles of verification of GS 879, verification of GS 477, verification of GS 464 and verification of GS 2457. He is a resident of Kenya, the host country where the project is implemented. He has also participated in Gold Standard - VVB Online Exam

Internal Reviewer – James Chirchir

He holds a Bachelor's degree in Chemical and Process Engineering and had 4 years' experience in manufacturing before joining Bureau Veritas. He is Lead Auditor in ISO 9001:2008 and ISO 14001:2004 and a trained CDM Verifier. He has conducted at least 5 CDM projects as validator/verifier. He has been involved in the verification of the following GS projects GS 879, GS 477 and GS 464. He is a resident of Kenya, the host country where the project is implemented. He has also participated in Gold Standard - VVB Online Exam

Appendix 3. Documents reviewed or referenced

No.	Author	Title	References to the document	Provider
1	MyClimate Foundation	MR: Energy Efficient Cook Stoves for Siaya Communities version 03	02/04/2019	PP
2	MyClimate Foundation	190402_Tembea_Cook Stove Project_database	01/04/2019	PP
3	MyClimate Foundation	PDD: Energy Efficient Cook Stoves for Siaya Communities, Kenya, Version 3.2.5	07/03/2018	PP
4	MyClimate Foundation	Monitoring & Usage Survey V01	2018	PP
5	Esinyen & Associates	Financial Audit report	2019	PP
6	TYCS	List of project staff	2018	PP
7	Gold Standard	Technologies and Practices to Displace Decentralized Thermal Energy Consumption version 3.1,	Aug 2017	Other
8	Gold Standard	Rule Update: Requirements and Guidelines for carrying out usage surveys for projects implementing improved cooking devices	23/08/2017	Other
9	Bureau Veritas India Pvt. Ltd. (BVI)	6 th Verification report: Energy Efficient Cook Stoves for Siaya Communities, Kenya		Other
10	MyClimate Foundation	MR: Energy Efficient Cook Stoves for Siaya Communities version	2018	Other

Appendix 4. Clarification requests, corrective action requests and forward action requests

Table 1. Remaining FAR from validation and/or previous verifications

FAR ID	xx	Section no.	E.2	Date: DD/MM/YYYY
Description of FAR				
None				
Project participant response				Date: DD/MM/YYYY
Documentation provided by project participant				
DOE assessment				Date: DD/MM/YYYY

Table 2. CL from this verification

CL ID	01	Section no.	Monitoring report	Date: 18/03/2019
Description of CL				
<i>In preparation the monitoring report, the PP has not used the GS monitoring report template 101.1-T-MR, is there a justification for not using the template? PP is request to clarify.</i>				
PP response				Date: 28/03/2019
MR revised and submitted in GS MR template 101				
Documentation provided by PP				
190315_Tembea_Monitoring_Report_v02				

VVB assessment			Date: 26/04/2019
The PP's corrective action in response to CL 1 is accepted. CL 1 is now closed			
CL ID	02	Section no.	Project database Date: 18/03/2019
Description of CL			
<i>Analysis of the sales records 2018 shows 7885 stoves were installed in 2018, however, the PP has reported 7879. The PP is requested to clarify.</i>			
PP response			Date: 28/03/2019
An omission based on Pivot analysis same is corrected in the monitoring report, however it is good to note the correct figure is used for emission calculation.			
Documentation provided by PP			
190315_Tembea_Monitoring_Report_v02			
VVB assessment			Date: 26/04/2019
The PP clarification and corrective action have been reviewed and accepted. CL 2 is now closed			

CL ID	03	Section no.	Monitoring/Usage Survey Date: 18/03/2019
Description of CL			
<i>The PP is requested to clarify the contradiction in the following information presented In excel 190215_Monitoring_Usage_Survey_2018_analysis_V01: All data entries sampled indicated that stove users spend money on fuel for cooking (refer to item 34). However, only one user, data entry # 171 (under item 31) has indicated that fuel for cooking is bought, while the rest indicate that fuel is collected; also, only 5 users (data entry# 109, 145, 212, 252 and 256) indicate the existence of alternative fuel (i.e. existence of a charcoal stove - Item 12).</i>			
PP response			Date: 28/03/2019
For clarity the project from baseline defines this as the cost;used to acquire, prepare and transport the firewood to households in a ready to use state. Many households may not buy but incur cost to prepare the firewood and transport it to their respective homes...we monitor and report all the associated costs of availing firewood to homes.			
Documentation provided by PP			
-			
VVB assessment			Date: 26/04/2019
The PP's clarification has been reviewed and accepted. CL 3 is now closed			

Table 3. CAR from this verification

CAR ID	01	Section no.	Monitoring report Date: 28/03/2019
Description of CAR			
<i>The values of parameters $P_{b,y}$ and $P_{p,y}$ as reported in the monitoring report version 3.0 10/02/2018 (refer to pg 9), is not consistent with the updated PDD (version 3.2.5 dated 07.03.2018) for the renewed crediting period.</i>			
PP response			Date: 28/03/2019
Value revised			
Documentation provided by PP			
190315_Tembea_Monitoring_Report_v02			
VVB assessment			Date: 26/04/2019
The PP's response has been reviewed and the correction is accepted. CAR 1 is closed			

CAR ID	02	Section no.	Project Database	Date: 18/03/2019
Description of CAR				
<i>The VVB analysis show the PP has overestimated the parameter Project Technology Days (Np,1) by 6%. The PP is request to review how it has determined the parameter.</i>				
PP response				Date: 28/03/2019
The PP has revised the calculation.				
Documentation provided by VVB				
190402_Tembea_Cook stoves Project_database.xlsx				
190402_Tembea_Monitoring_Report_v03				
VVB assessment				Date: 26/04/2019
The PP's response has been reviewed and the correction is accepted. CAR 2 is closed				

CAR ID	03	Section no.	Monitoring/Usage Survey	Date: 15/03/2019
Description of CAR				
<i>From the sampled questionnaires, the following discrepancies between the information in excel sheet 190215_Monitoring_Usage_Survey_2018_analysis_V01 and the information in the physical questionnaires reviewed, were noted:</i>				
<ul style="list-style-type: none"> - <i>The information on item 5 (Phone number of the stove user) for 7 data entry samples (data entry #: 61, 62, 80, 111, 156, 252 and 256) was inconsistent with the information in the corresponding questionnaires.</i> - <i>The information on item 6 and 7 (i.e. Number of persons permanently living in the household and Number of persons eating in the household) for 5 data entry samples (Data entry #: 171, 188, 196, 243, 252 and 256) was inconsistent with the information in the questionnaires. Further, for for data entry # 252, the information item 12 and Item 25 were inconsistent with the information in the questionnaires</i> - <i>Other include inconsistent in Survey date (Data entry #: 161 and 256), Gender (Data entry # 223), Stove Owner (Data entry #: 142 and 1150)</i> 				
<i>The PP is request to review information on 190215_Monitoring_Usage_Survey_2018_analysis_V01 to ensure consistence with the physical questionnaires.</i>				
PP response				Date: 28/03/2019
Questionnaire reviewed and data revised accordingly				
Documentation provided by PP				
-				
VVB assessment				Date: 26/04/2019
The PPs response has been reviewed, the correction is accepted. CAR 3 is closed				

Table 4. FAR from this verification

FAR ID	xx	Section No.		Date: DD/MM/YYYY
Description of FAR				
None				
Project participant response				Date: DD/MM/YYYY
Documentation provided by project participant				
DOE assessment				Date: DD/MM/YYYY

Appendix 5. Samples

Sale receipts

Date of sale	Name of stove user	Monitoring Region	Monitoring Sector	Address	GPS coordinates of household: Latitude	GPS coordinates of household: Longitude	Type of stove: twin stove	Stove identification number	Receipt/sale Aggrement number
3/8/2018	Peter Wawiye	Masumbi	U3	Box 10, Ngiya	00 01.413	034 22.342	1	TEMBEA18/53852	53852
3/8/2018	Josephine Akoth Okumu	Masumbi	U3	Box 10, Ngiya	0 01.537	034 22.425	1	TEMBEA18/53847	53847
1/10/2018	Jane Akoth Onyango	Bar Agulu	U3	Box 326, Siaya	00 02.297	034 19.785	1	TEMBEA18/52580	52580
4/27/2018	Elizabeth Nyaoro Okwiri	Ambira	U2	Box 251, Ugunja	00 10.781	034 16.456	1	TEMBEA18/54957	54957
6/20/2018	Anna Anyango Okoth	Ngunya	U2	Box 133, Ugunja	00 10.205	034 16.228	1	TEMBEA18/56168	56168
3/8/2018	Anastacia Opondo	Masumbi	U3	Box 10, Ngiya	00 01.579	034 22.579	1	TEMBEA18/53850	53850
1/17/2018	Eunice Awino Rabuogi	Bar Agulu	U3	Box 204, Siaya	00 01.502	034 18.664	1	TEMBEA18/52750	52750
5/5/2018	Veronica Auma Okoth	Ambira	U2	Box 35, Ugunja	00 11.139	034 16.239	1	TEMBEA18/55162	55162
4/27/2018	Lorna mguda	Ambira	U2	Box 251, Ugunja	00 10.833	034 16.685	1	TEMBEA18/54973	54973
11/1/2018	Caroline Ouma	Bar Agulu	U3	Box 656, Ngiya	00 00.129	034 18.661	1	TEMBEA18/59198	59198
2/6/2018	Millicent Adhiambo Oyiera	Masumbi	U3	Box 150, Ngiya	00 01.329	034 21.313	1	TEMBEA18/53185	53185
8/24/2018	Peres Ochal Karan	Umala	U2	Box 99, Ugunja	00 10.434	034 14.996	1	TEMBEA18/57616	57616
3/8/2018	Anjeline Anyango Okombe	Masumbi	U3	Box 150, Ngiya	00 01.225	034 21.463	1	TEMBEA18/53862	53862
6/20/2018	Magrate Odudo	Ngunya	U2	Box 133, Ugunja	00 10.097	034 16.153	1	TEMBEA18/56176	56176
6/27/2018	Rita Jerusa Ouma	Ambira	U2	Box 251, Ugunja	00 11.071	034 15.598	1	TEMBEA18/56324	56324
2/6/2018	Stella Achieng Oduor	Masumbi	U3	Box 150, Ngiya	00 01.103	034 21.313	1	TEMBEA18/53169	53169
4/25/2018	Risper Akoth Ogoye	Umala	U2	Box 99, Ugunja	00 09.337	034 15.199	1	TEMBEA18/54909	54909
9/8/2018	Eunice Modester Ochieng	Ugunja	U2	Box 66, Ugunja	00 09.533	034 18.218	1	TEMBEA18/57925	57925
6/20/2018	Joyce Obonyo	Ngunya	U2	Box 133, Ugunja	00 10.566	034 16.350	1	TEMBEA18/56188	56188
4/25/2018	Monica Onyimbo Ochieng	Umala	U2	Box 99, Ugunja	00 09.506	034 15.308	1	TEMBEA18/54923	54923
3/15/2018	Seline Anyango	Umala	U2	Box 99, Ugunja	00 09.856	034 14.376	1	TEMBEA18/54006	54006
3/14/2018	Jane Atieno Okumu	Umala	U2	Box 99, Ugunja	00 09.746	034 14.439	1	TEMBEA18/53997	53997
4/25/2018	Peter Oduor Juma	Umala	U2	Box 99, Ugunja	00 09.551	034 15.294	1	TEMBEA18/54919	54919
4/17/2018	Mary Aoko Agutu	Umala	U2	Box 89, Ugunja	00 09.722	034 15.359	1	TEMBEA18/54748	54748
8/9/2018	Grace Akoth Otieno	Ngunya	U2	Box 430, Ugunja	00 09.586	034 17.020	1	TEMBEA18/57281	57281

Sampled questionnaires

Year	Reference number of questionnaire sampled
2011	19 and 14
2012	61 and 62
2013	80 and 84
2014	109, 104 and 111
2015	145, 156, 142, 150 and 161
2016	188, 196 and 171
2017	223, 212 and 222
2018	252, 243 and 256

- - - - -

Document information

<i>Version</i>	<i>Date</i>	<i>Description</i>
03.0	31 May 2019	Revision to: <ul style="list-style-type: none">• Ensure consistency with version 02.0 of the “CDM validation and verification standard for project activities” (CDM-EB93-A05-STAN);• Make structural and editorial improvements.
02.1	11 January 2018	Editorial revision to correct the numbering of appendices in the instructions.
02.0	31 October 2017	Revision to align with the requirements of the “CDM validation and verification standard for project activities” (version 01.0).
01.0	23 March 2015	Initial publication.

Decision Class: Regulatory
Document Type: Form
Business Function: Issuance
Keywords: project activities, verifying and certifying
