




**Validation report form for post-registration changes for  
CDM programme of activities  
(Version 02.0)**

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

**BASIC INFORMATION**

<b>Title and UNFCCC reference number of the programme of activities (PoA)</b>	Domestic Cooking Stoves substitution programme in Mozambique – UNFCCC No. 9981
<b>Process track</b>	<input checked="" type="checkbox"/> Prior approval <input type="checkbox"/> Issuance <input type="checkbox"/> Renewal of PoA
<b>Version number of the validation report on PoA PRCs</b>	1.0
<b>Completion date of the validation report on PoA PRCs</b>	12/04/2019
<b>Version number of PoA-DD applicable to this validation report</b>	07
<b>Type(s) of PoA PRCs</b>	<input type="checkbox"/> Temporary deviations from the registered monitoring plan, applied methodologies or applied standardized baselines <input checked="" type="checkbox"/> Corrections <input type="checkbox"/> Inclusion of monitoring plan <input checked="" type="checkbox"/> Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from applied methodologies, standardized baselines, or other applied standards or tools <input checked="" type="checkbox"/> Changes to the programme design <input type="checkbox"/> Changes specific to afforestation and reforestation activities
<b>Coordinating/managing entity</b>	Fondazione AVSI
<b>Host Parties</b>	The Republic of Mozambique
<b>Applied methodologies and standardized baselines</b>	AMS-II.G. Energy efficiency measures in thermal applications of non-renewable biomass (Version 05.0) No standardized baseline applied
<b>Mandatory sectoral scopes linked to the applied methodologies</b>	Sectoral Scope 3 - Energy Demand
<b>Conditional sectoral scopes linked to the applied methodologies, if applicable</b>	N/A
<b>Name and UNFCCC reference number of the DOE</b>	LGAI Technological Center, S.A. (Applus+ Certification) UNFCCC Ref. No.: E-0032
<b>Name, position and signature of the approver of the validation report on PoA PRCs</b>	Mr. Juan Sendín Caballero <i>Applus+ Certification Business Unit Managing Director</i>

	<p>Signature: </p>
--	------------------------------------------------------------------------------------------------------

**SECTION A. Executive summary**

&gt;&gt;

The aim of the PoA *Domestic Cooking Stoves substitution programme in Mozambique* is to improve energy efficiency by substituting inefficient traditional cooking stoves with more effective ones improving the conditions of the local population living in Mozambique and reducing the greenhouse gas emissions. The PoA is confirmed to be a voluntary action by *Fondazione AVSI* as the Coordinating/Managing Entity (hereinafter referred to as CME).

The Component Project Activities (hereinafter referred to as CPAs) that are included or to be included in the PoA aim to reduce the consumption of energy by substituting inefficient traditional cooking stoves with more effective ones.

The stove designs may vary by CPA as per their different locations, climates and tradition demands. For example, the PoA proposes the model CH-2200 Charcoal Cooking stove which performs at high thermal efficiency; thereby it can lead to a charcoal usage reduction compared to traditional stoves.

**Validation of PRC Scope:**

LGAI Technological Center, S.A., accredited DOE E-0032 (hereinafter referred to as *Applus+ Certification* or just the *DOE*), has been contracted by the PoA's CME *Fondazione AVSI*, to conduct the Validation of Post Registration Changes (PRC) to the registered *PoA 9981 Domestic Cooking Stoves substitution programme in Mozambique*.

The proposed PRCs are of the type of: Corrections, Permanent changes to the registered monitoring plan and Changes to the programme design.

The scope of the validation process is defined as a third-party independent and objective review of the PoA Design Document (PoA-DD) in which changes have been applied, limited to and against the criteria stated in Article 12 of the Kyoto Protocol, the CDM Modalities and Procedures as agreed in the Marrakech Accords and the relevant decisions by the CDM Executive Board, including the approved baseline and monitoring methodology AMS-II.G. Energy efficiency measures in thermal applications of non-renewable biomass (Version 05.0), the latest version of the CDM Validation and Verification Standard for Programmes of Activities (VVS for PoAs version 02.0), the latest version of the CDM Project Standard for Programmes of Activities (PS for PoAs version 02.0) and the latest version of the CDM Project Cycle Procedure for Programmes of Activities (PCP for PoAs version 02.0), as well as any other related methodological tools, guidelines and other regulatory documents adopted by the CMP or the Board.

The validation is not meant to provide any consulting towards the CME or authorized participants. However, stated requests for clarifications and/or corrective actions may have provided input for improvement of the PoA-DD or its related documents.

**Validation of PRC Process:**

The programme assessment has been undertaken by the Applus+ Certification's assigned Validation Team using standard auditing techniques to determine whether the programme meets the applicable CDM rules and requirements, including those specified in the "CDM project standard for programmes of activities", the selected methodologies, the selected standardized baselines and any other standards, methodologies, methodological tools and guidelines applied in accordance with the selected (applied) methodologies.

The Validation Team has assessed the accuracy, conservativeness, relevance, completeness, consistency and transparency of the information provided by the CME and determined whether such information is reliable and credible based on the above mentioned rules and requirements.

Before the Validation begins, the DOE selects and appoints a Validation Team in compliance with the latest version of the CDM Accreditation Standard (CDM AS version 07.0) to safeguard the impartiality and with the rules and requirements to perform Validation and Verification-Certification processes.

During the Contract Review stage, the DOE ensures the selected Validation Team covers the Technical Knowledge of the Sectoral Scope/Technical Area applicable to the assessment and the relevant experience and capability to evaluate the information provided by the CME against the aforementioned criteria.

Once the Validation of PRC process has commenced, the members of the Validation Team have carried out the following steps:

1. A Desk Review of the revised PoA-DD and related documents.
2. Follow-up interviews with the programme stakeholders.
3. Raise and resolution of outstanding issues (if any) and issuance of a Draft Validation of PRC Report and a Final Validation of PRC Report and Validation of PRC opinion.
4. Technical Review of the prepared report and related documentation by independent technical reviewer(s).
5. Internal quality check by the Applus+ Certification HQ personnel before the final issuance of the definitive set of documents for being submitted to the UNFCCC.

In order to ensure transparency and impartiality all the assumptions and asseverations shall be clear and objective and the evidences serving as a basis for the latter shall be referenced.

Applus+ Certification has checked all the necessary aspects of this validation process by using customized checklists or similar techniques that demonstrate transparently the criteria of the assessment team and the results of the assessment process.

### **Conclusion:**

Applus+ Certification confirms and concludes, based on objective and sufficient evidences, that the revised PoA-DD, Version 07 and dated on 29/03/2019 meets all the relevant criteria mentioned above for the request for Post Registration Changes in Prior Approval Track of the type: Corrections, Permanent changes to the registered monitoring plan and Changes to the programme design; as defined in the VVS for PoAs version 02.0.

Applus+ Certification hence recommends the registration of the Post Registration Changes in the PoA-DD under the Prior Approval Track.

The assessment asseverations that evidence that the proposed changes are in compliance with the applicable rules and requirements are set out below within this Validation Report.

**SECTION B. Validation team, technical reviewer and approver**

&gt;&gt;

**B.1. Validation 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			
						Document review	On-site inspection	Interviews	Validation findings
1.	Lead Auditor  Technical Expert (3.1)  Financial / Country Expert	OR	KUMAR	PANKAJ	Outsourced Entity (True Quality Certifications Pvt. Ltd.)	Y	n/a	Y	Y
2.	Auditor in training (Validation)  Technical Expert in training (3.1)	IR	CALLE	AGUSTÍN	Applus+ Certification	Y	n/a	Y	Y

**B.2. Technical reviewer and approver of the validation report on PoA PRCs**

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  Technical Expert (3.1)	EI	CORTÉS	MIGUEL ÁNGEL	Applus+ Certification
2.	Technical Reviewer  Technical Expert in training (3.1)	EI	SHEN	SIMON (MENG)	Applus+ Certification
3.	Report Approver	IR	SENDÍN	JUAN	Applus+ Certification

## SECTION C. Means of validation

### C.1. Document review

>>

Applus+ Certification has performed a Document Review (Desk Review) taking in consideration:

- A review of presented data and information.
- Cross-checks between the presented data and information provided in the PoA-DD and information from other sources, including, but not limited to, the publicly available information in the UNFCCC.
- The sectoral and local expertise of the DOE at the time of reviewing the provided data and information.

The references of the reviewed documentation can be observed under the Appendix 3 of this report.

### C.2. On-site inspection

Duration of on-site inspection: <i>n/a</i>				
No.	Activity performed on-site	Site location	Date	Team member
1.	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>

Applus+ Certification has found that the onsite inspection is not mandatory and not required due to the nature of the proposed changes to be conducted as per the following criteria:

- According to the VVS for PoAs version 02.0 Para 269, the DOE determines that the changes are proposed changes.
- According to the VVS for PoAs version 02.0 Para 279, the DOE determines that the changes are not under the scope of the Paras 274 – 278, also not actual changes, hence the DOE finds there is no requirement to perform an onsite inspection.
- According to the VVS for PoAs version 02.0 Para 280 (which makes reference to Paras 183 and 184), the DOE finds that there is no situation for these proposed changes on the PoA that makes the onsite visit mandatory, hence the DOE considers the inspection as optional and has determined alternative methods for the Validation assessment.

Applus+ Certification has used the following alternative methods for the validation of the proposed changes on the PoA-DD:

- Skype interviews and calls with the CME representatives.
- Publicly available information of the PoA.
- Other interactions with the CME representatives (mails and document's sharing).

Applus+ Certification has found the CME representatives to be available and in possession of any knowledge and related evidence that the DOE needs to perform this Validation of PRC assessment and considers such mean of validation enough to ensure the scope of the latter and its compliance with the CDM rules and requirements.

**C.3. Interviews**

No.	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
1.	Mauno	Ulla	CarbonSink Group S.r.l. (CME representative / authorized participant)	22/02/2019 to 06/03/2019	Confirm description, implementation and operation of the PoA and its procedures for operation and data collection. Purpose of the Post-Registration Changes, types and PoA-DD modifications.	Pankaj Kumar Agustin Calle
2.	Guiso	Antonio				

**C.4. Clarification requests, corrective action requests and forward action requests raised**

Areas of validation findings	No. of CL	No. of CAR	No. of FAR
Compliance with PoA-DD form	04	04	-
Temporary deviations from the registered monitoring plan, applied methodologies or applied standardized baselines	-	-	-
Corrections	01	-	-
Inclusion of monitoring plan	-	-	-
Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from applied methodologies, standardized baselines, or other applied standards or tools	03	-	-
Changes to the programme design	-	01	-
Changes specific to afforestation and reforestation activities	-	-	-
Others (please specify) <i>Compliance with the methodology parameters terminology</i>	01	-	-
<b>Total</b>	<b>09</b>	<b>05</b>	<b>00</b>

**SECTION D. Validation findings****D.1. Compliance with the PoA-DD form**

<b>Means of validation</b>	<p>The CME has used the latest version of the PoA-DD form for the revised PoA-DD for the purpose of the Post Registration Changes.</p> <p>Hence the registered PoA-DD template's version is different from the revised PoA-DD template's version.</p> <p>The DOE has checked, by comparison between the registered version of the PoA-DD (version 05 dated on 10/10/2014) and the initial revised version of the PoA-DD (version 06 dated on 18/02/2019) if:</p> <ul style="list-style-type: none"> <li>- The information presented is materially the same as in the registered version of the PoA-DD.</li> <li>- The compliance of the revised PoA-DD with the valid version of the PoA-DD Form and instructions therein.</li> </ul> <p>The CME has used the latest available version of the PoA-DD (i.e. version 8.1) template form.</p> <p>The CME has sent to the DOE both Clean and Track Changes version of the revised PoA-DD.</p> <p>After review of the documentation, the assessment team can confirm that:</p> <ul style="list-style-type: none"> <li>- The information presented is materially the same as in the registered version of the PoA-DD.</li> <li>- The revised PoA-DD complies with the valid version of the PoA-DD Form and instructions therein.</li> </ul>
<b>Findings</b>	CL#1; CL#3; CL#5; CL#9; CAR#2; CAR#3; CAR#4; CAR#5 were raised and closed accordingly.
<b>Conclusion</b>	After assessment team check process and closure of related findings, the DOE can confirm that the revised PoA-DD version 07 dated 29/03/2019 complies with the requirements set out in VVS for PoA version 02.0 Paragraphs 248 and 249.

**D.2. Temporary deviations from the registered monitoring plan, applied methodologies or applied standardized baselines**

<b>Means of validation</b>	The proposed Post Registration Changes do not fall under this category.
<b>Findings</b>	The proposed Post Registration Changes do not fall under this category.
<b>Conclusion</b>	The proposed Post Registration Changes do not fall under this category.

**D.3. Corrections**

<b>Means of validation</b>	<p>The CME has presented the proposed corrections in the revised PoA-DD version 06 dated on 18/02/2019 and the assessment team has checked them for compliance evaluation.</p> <p>The CME has proposed the following corrections:</p> <ul style="list-style-type: none"> <li>- Inclusion of an already authorized participant for the PoA, modification of focal points, corresponding corrections in Appendix 1 for contact information update:</li> </ul> <p>After the PoA registration a new Project Partner, Nordic Environment Finance Corporation, has been approved on 07/07/2016 and the focal points updated on 08/07/2016.</p>
----------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------



In consequence, the Project Partners and Focal points have been updated in the PoA-DD as follows: 1. Project Partners: Fondazione AVSI, CarbonSinkGroup S.r.l., Cloros S.r.l and Nordic Environment Finance Corporation; 2. Focal points: Fondazione AVSI and Nordic Environment Finance Corporation.

The consequent changes have been made also in Sections A.4 and A.5, Section B ("Management System"), Section G ("Approval and Authorization").

Also, the footnotes 11 and 12 have been updated accordingly. Finally, in Appendix 1 the contact details of Nordic Environment Finance Corporation have been added and email addresses of Fondazione AVSI and CarbonSinkGroup S.r.l. have been updated.

The assessment team confirmed, based on publicly available information that the Approval and Authorization for Nordic Environment Finance Corporation has been given by the Swedish Energy Agency on 03/05/2016.

The CDM MoC form for the designation of Focal Points has been issued on 29/06/2016 and approved on 08/07/2016.

The CDM MoC Annex 2 for the inclusion of the authorized participant has been issued on 27/06/2016 and approved on 07/07/2016.

The assessment team has checked the corrected information along the revised PoA-DD, the approvals, authorization, dates, modalities of communication and contact details of the proposed participants and focal points and found the information consistent and in line with applicable requirements.

- Update of the template's version and corresponding changes:

Consequently cause of the PoA-DD template update, the numbering of the figures and tables have been updated to respect the order within the current PoA-DD template and thus also the references to the sections and tables have updated within the text.

The form in the table K-1 is now including the categories for each of the eligibility criteria and the section H.1 and H.2 specifying the title and reference number of the generic CPA.

Section A.3, section B and section H.3 have been updated to be in line with the filling guidelines of the currently applied PoA-DD template.

The assessment team has checked the updated information along the revised PoA-DD, its compliance with the guidelines for completion of the form, the contents of the specific updated sections and found the information consistent and in line with applicable requirements.

- Corrections of parameters' data:

The data units for the parameters Bold , By,new,KPT, By,new,survey have been corrected to be in line with the applied AMS-II.G version 05.0 methodology i.e. t/year throughout the PoA-DD.

The assessment team has checked the updated information along the revised PoA-DD, its compliance with the applied methodology AMS-II.G version 05.0 and found the information consistent and in line with applicable requirements.

- Typo corrections, clarifications and specifications along the PoA-DD:

	<p>PoA-DD section I.6.3 has been updated by adding the following new footnotes:</p> <p>“Here referred to CPA-DD version 05, dated 10/10/2014”.</p> <p>“Please note that this calculation method is used for the CPA-01 only at validation stage. In order to determine ex post By,savings equation 2 of Option 1 of the paragraph 12 of the applied methodology as specified in the latest validated version of the 9981-CPA 01 (version 09 dated 24/09/2018)”.</p> <p>Section I.7.1 added with the following specifications:</p> <p>“According the applied methodology, Footnote 12: Biennial monitoring (i.e. monitoring once every two years) may be chosen, if the project proponents are able to demonstrate that the efficiency of the cook stove does not drop significantly as compared to the initial efficiency of the new device, over a time period of two years of typical usage”.</p> <p>“When biennial inspection is chosen a 95% confidence interval and a 10% margin of error shall be achieved for the sampling parameter. On the other hand, when the project proponent chooses to inspect annually, a 90% confidence interval and a 10% margin of error shall be achieved. In cases where survey results indicate that 90/10 precision or 95/10 precision are not achieved, the lower bound of the 90% or 95% confidence interval of the parameter value may be chosen as an alternative to repeating the survey efforts to achieve the 90/10 or 95/10 precision.”</p> <p>In section J added the following specification:</p> <p>“However, the duration of a CPA cannot exceed the maximum extent of the Crediting Period for the PoA (i.e. the date 21/01/2042)”.</p> <p>In Sections A.1, B and H.3 CPA abbreviation has been corrected to refer to “Component Project Activity” instead to “Programme Activity”.</p> <p>In Section I.6.1 the word “describes” has been corrected to be “describe”.</p> <p>In Section I.7.2. the word “biannual” has been corrected to be “biennial”.</p> <p>Moreover, throughout the document the wording “the proposed PoA” has been replaced with “the PoA” or “this PoA”.</p> <p>The assessment team has checked the revised, corrected and detailed information along the revised PoA-DD, its compliance with the applied methodology AMS-II.G version 05.0, rules and requirements of other regulatory documents, template’s instructions and consistency along the PoA-DD and found the information consistent and in line with applicable requirements.</p>
<b>Findings</b>	CL#2 was raised and closed accordingly.
<b>Conclusion</b>	After assessment team check process and closure of related findings, the DOE can confirm that the revised PoA-DD version 07 dated 29/03/2019 complies with the requirements set out in VVS for PoA version 02.0 Paragraphs 256 to 258.

#### D.4. Inclusion of monitoring plan

<b>Means of validation</b>	The proposed Post Registration Changes do not fall under this category.
<b>Findings</b>	The proposed Post Registration Changes do not fall under this category.
<b>Conclusion</b>	The proposed Post Registration Changes do not fall under this category.

### D.5. Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from applied methodologies, standardized baselines, or other applied standards or tools

<b>Means of validation</b>	<p>The CME has presented the proposed permanent changes to the registered monitoring plan in the revised PoA-DD version 06 dated on 18/02/2019 and the assessment team has checked them for compliance evaluation.</p> <p>The CME has proposed the following permanent changes to the registered monitoring plan:</p> <ul style="list-style-type: none"> <li>- Application of approaches to determine values of parameters in cases where the households are having two project stoves:</li> </ul> <p>Sections I.6.2 and I.7 have been updated with the following specifications:</p> <p>To determine <math>B_{old}</math> per device, the approach of dividing <math>B_{old, hh}</math> in two may be applied for the cases where the households are having two project stoves.</p> <p>To determine <math>B_{y, new, KPT}</math> per device, the approach of dividing <math>B_{y, new, KPT}</math> in two is applied for the cases where the households are having two project stoves.</p> <p>To determine <math>B_{new, survey}</math> per device, the approach of dividing <math>B_{new, survey, hh}</math> in two may be applied for the cases where the households are having two project stoves.</p> <p>The assessment team finds the applied rationale for the given parameters as adequate and in line with applicable requirements (PS for PoAs version 02.0 Paragraphs 235-236) for cases in which the households have two project stoves.</p> <p>The changes are reflected accordingly in the revised Monitoring Plan of the PoA-DD and in the Appendix 7 for summarizing Post Registration Changes.</p> <p>The assessment team has checked that the approach is in use for the calculation of the involved parameters for households that have acquired more than one cookstove per household as a subdivision of the parameters in order to get an accurate reflection of the emission reductions calculations. This approach is already accepted by other DOE's assessment for the verification in the issuance request no. 9981-MP1-IRP2 for CPA 9981-0002 with date of issuance 07/03/2019, hence found acceptable.</p> <p>The assessment team has considered the changes are not reducing the level of accuracy of the registered monitoring plan for calculation of GHG reductions, hence accepted.</p>
<b>Findings</b>	CL#6; CL#7; CL#8 were raised and closed accordingly.
<b>Conclusion</b>	After assessment team check process and closure of related findings, the DOE can confirm that the revised PoA-DD version 07 dated 29/03/2019 complies with the requirements set out in VVS for PoA version 02.0 Paragraphs 265 to 268.

### D.6. Changes to the programme design

<b>Means of validation</b>	<p>The CME has presented the proposed changes to the programme design in the revised PoA-DD version 06 dated on 18/02/2019 and the assessment team has checked them for compliance evaluation.</p> <p>The CME has proposed the following programme design changes in terms of changes on eligibility criteria for the inclusion of CPA and consequential changes</p>
----------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

resulting from the applied changes on eligibility criteria (as per VVS for PoAs version 02.0 Paragraph 270 (b) and (h)):

- Application of Paragraph 124 (m) from Project Standard for Programmes of Activities version 02.0 for the demonstration of additionality using the Methodological tool: Demonstration of additionality of microscale project activities” Tool 19 version 09.0 EB 101 Annex 15.

Additionality demonstration has been updated to make the referred tool applicable.

All the relevant sections of the PoA-DD (Section C, Section I.1 and I.2 and Section K) that referred to the previous guidelines have been updated accordingly with the new applied tool.

All the relevant sections and tables of the PoA-DD have been updated and, consequently, the references to the requirement of 180 GWh<sub>th</sub> thresholds have been deleted (Section C, Section H.3, Section I.2, Section I.7.1 and Section K).

The assessment team has checked the revised PoA-DD with the updated information for the determination of additionality based on the applicability of Para 124 (m) of the PS for PoAs v 02.0.

The applicability of the Para 124 (m) referred above has been determined as correct as per the Clarification SSC\_732<sup>1</sup>.

In consequence, also the eligibility criteria for the inclusion of CPAs have been updated to apply accordingly the conditions of the demonstration of additionality by the given application of the PS for PoAs v02.0 Para 124 (m).

The Section K of the revised PoA-DD, including the table “K-1 .The eligibility criteria needed to be fulfilled by each CPA to be included in the PoA” states correctly the CPA eligibility criteria.

Eligibility criteria no. 5, no. 6 and no.11 requested evidences to proof the eligibility of the CPAs have been updated as follows:

No.5: Each CPA uses the version 05.0 of the methodology AMS-II.G like described in each CPA-DD. The fulfilling of applicability conditions is demonstrated in the CPA-DD. Moreover, each CPA fulfil the Para 124 (m) of the CDM Project Standard for Programmes of Activities (Version 02.0).

No.6: Each single unit (i.e. cook stove) under the CPA aim to achieve energy savings at a scale of no more than 20 GWh per year and thus the Methodological Tool: Demonstration of additionality of microscale project activities (Version 09.0) is applicable. The CPA demonstrates its additionality by proofing the requirements of the Para 12 of the Methodological Tool: Demonstration of additionality of microscale project activities (Version 09.0).

No.11: Each CPA consists solely of units that qualify as “microscale CDM units” as defined in the “Methodological tool: Demonstration of additionality of microscale project activities” will be described in each CPA-DD.

Moreover, the eligibility criteria no.11 includes in its definition that the

<sup>1</sup> <https://cdm.unfccc.int/methodologies/SSCmethodologies/clarifications/78386>

	<p>CPA shall demonstrate that are: “energy efficiency project activities that aim to achieve energy savings at a scale of no more than 20 GWh per year”, hence qualifying as Type II of micro-scale project activities as per Paragraph 2 (b) of the Methodological tool: Demonstration of additionality of microscale project activities” Tool 19 version 09.0 EB 101 Annex 15.</p> <p>The methodological tool 19 is applicable due to the compliance of the applicability clause Paragraph 3 of the Tool 19 and Paragraphs 14 and 15 of the latter, as well as for the indications of PS for PoA 02.0 Paragraph 124 (m) itself.</p> <p>Both methodology and methodological tool applicability conditions have been demonstrated and found correct by the assessment team in Section I.2. of the revised PoA-DD.</p> <p>Regarding the additionality, the CME has demonstrated compliance with the Tool 19 Paragraph 12 (a). The assessment team has checked the UNFCCC’s list of LDCs<sup>2</sup> and found Mozambique is included within the list, hence the approach is deemed correct and sufficient to demonstrate that the units are considered additional as per the satisfaction of such condition.</p> <p>The demonstration of additionality in the revised PoA-DD Section C is deemed as sufficient by the assessment team and found it consistent with applicable rules and requirements (PS for PoAs version 02.0 Paragraphs 38-39 and Paragraph 124 (g) (iii) as per the applicability of the Methodological tool: Demonstration of additionality of microscale project activities” Tool 19 version 09.0 EB 101 Annex 15 by applying the PS for PoAs version 02.0 Paragraph 124 (m)).</p> <p>The assessment team hence has found the changes to the eligibility criteria and application of PS for PoAs version 02.0 Paragraph 124 (m) as acceptable.</p>
<b>Findings</b>	CAR#1 was raised and closed accordingly.
<b>Conclusion</b>	After assessment team check process and closure of related findings, the DOE can confirm that the revised PoA-DD version 07 dated 29/03/2019 complies with the requirements set out in VVS for PoA version 02.0 Paragraphs 269-270 and 272.

#### D.7. Changes specific to afforestation and reforestation activities

<b>Means of validation</b>	The proposed Post Registration Changes do not fall under this category.
<b>Findings</b>	The proposed Post Registration Changes do not fall under this category.
<b>Conclusion</b>	The proposed Post Registration Changes do not fall under this category.

<sup>2</sup> <https://unfccc.int/topics/resilience/workstreams/national-adaptation-programmes-of-action/ldc-country-information>

**SECTION E. Internal quality control**

&gt;&gt;

As a final step for Validation, the final documentation, including the validation report, has to undergo an internal quality control by the Technical Reviewer(s) to be approved.

Details of the Technical Reviewer(s) are provided within the validation report in Section E.2. and Appendix 2 for further references of knowledge and capability to conduct the quality checking.

After the Technical Review process, the final documentation has to undergo a final quality checking process called Administrative Review, done by the Applus+ Certification Project Activity Manager and/or Technical Support.

For final approval, the final set of documents are prepared by the DOE's Technical Manager or its deputy and signed by the authorized signatory of the DOE.

In case any of the persons performing this final internal quality control approval process has acted as a part of the Assessment Team or Technical Review team, the approval can only be given by DOE's personnel who is not part of those teams.

If the final set of documents has been satisfactorily approved, the Request is submitted to the UNFCCC CDM EB along with the relevant documents.

**SECTION F. Validation opinion**

&gt;&gt;

LGAI Technological Center, S.A. (Applus+ Certification) DOE E-0032 has performed the Validation of Post Registration Changes for the *PoA 9981 Domestic Cooking Stoves substitution programme in Mozambique*. The Validation of Post Registration Changes has been performed in line with the basis set out in the rules and requirements defined by the UNFCCC CDM for Programmes of Activities.

The review of the revised PoA-DD, the necessary supporting documentation, the publicly available information as well as any other external source used for cross-checking requirements and subsequent follow-up actions (include Skype calls and interviews), have provided Applus+ Certification with sufficient evidences to determine the compliance with the applicable requirements.

The revised PoA-DD version 07 dated on 29/03/2019 complies with all the applicable requirements set out in VVS for PoA version 02.0, PS for PoA version 02.0 and PCP for PoA version 02.0 and correctly applies the selected baseline and monitoring methodology set out in the methodology AMS-II.G. Energy efficiency measures in thermal applications of non-renewable biomass (Version 05.0), as well as all the applicable requirements set out in any other applicable regulatory document.

In DOE's opinion, the PoA meets all relevant UNFCCC requirements for the CDM and all relevant host country criteria.

The PoA, hence, is recommended by Applus+ Certification for registration of its Post Registration Changes within the UNFCCC CDM.

## Appendix 1. Abbreviations

Abbreviations	Full texts
Applus+ Certification	LGAI Technological Center, S.A. (Applus+ Certification) DOE E-0032
AS	Accreditation Standard
CAR	Corrective Action Request
CDM	Clean Development Mechanism
CL	Clarification request
CME	Coordinating/Managing Entity
CMP	The Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol
CPA	Component Project Activity
CPA-DD	Component Project Activity Design Document
DOE	Designated Operational Entity
EB	Executive Board
EI	External Individual
FAR	Forward Action Request
GHG	Greenhouse gas(es)
HQ	Headquarters (Applus+ Certification)
IR	Internal Resource
MoC	Modalities of communication
OE	Outsourced Entity
PCP for PoA	Project Cycle Procedure for Programmes of Activities
PoA-DD	Programme of Activities Design Document
PRC	Post Registration Changes
PS for PoA	Project Standard for Programmes of Activities
UNFCCC	United Nations Framework Convention on Climate Change
VVS for PoA	Validation and Verification Standard for Programmes of Activities



## Appendix 2. Competence of team members and technical reviewers

According to the applicable sectoral scope / technical area and experience in the sectoral or national business environment, Applus+ Certification has composed an assessment team in compliance with the Contract Review and Assessment Team appointment rules in the internal Quality Management System of Applus+ Certification as well as in compliance with the applicable requirements in the Accreditation Standard.

The composition of the Assessment Team has been approved by Applus+ Certification during the Contract Review process ensuring that the required skills and capabilities are covered.

The qualification levels for Assessment Team members that are assigned by aforementioned appointment rules are as presented below:

- Lead Auditor (LA).
- Auditor (A).
- Technical Expert (TE).
- Technical Reviewer (TR).
- Any of the above mentioned roles in training (iT, e.g. AiT for auditor in training).

The Sectoral Scope / Technical Area required knowledge linked to the applied methodology(ies) is covered by the Assessment Team as shown below:

Name	Role	SS/TA Knowledge	Financial Expertise	Attendance to on-site visit
Mr. Pankaj Kumar	LA / TE	YES (3.1)	n/a	n/a
Mr. Agustín Calle	AiT / TEiT	NO	n/a	n/a
Mr. Miguel A. Cortés	TR / TE	YES (3.1)	n/a	n/a
Mr. Simon (Meng) Shen	TR / TEiT	NO	n/a	n/a

A brief Curriculum Vitae (CV) of the Assessment Team members is provided below:

### Mr. Pankaj Kumar:

Mr. Pankaj Kumar has done M. Sc in Environment Management from Forest Research Institute and B. Sc. Environment Science and Water Management from A N College.

He has more than 10 years of working experience in GHG Assessments and has participated during his career in Agencies and DOEs like MITCON, Agrinergy, Carbon Check and is empanelled with Applus+ Certification since 2015 for the performance of CDM/VCS/GS project assessments.

He has extensive experience in the Renewable, Waste Management and Energy Demand Scopes of UNFCCC CDM and has done more than 100 Validations and Verifications of PAs and PoAs as Team Leader, Technical Expert and Technical Reviewer, mainly in Africa (including PoAs in Mozambique) and Asia regions.

### Mr. Agustín Calle:

Mr. Agustín Calle has a Bachelor's Degree on Environmental Sciences and Master's Degree on Environmental Control and Management in Companies.

He has more than 9 years of experience on CDM, sustainability, implementation, outsourcing and audit of Management Systems, waste handling and renewable energies consultancy services, as well as an active participation in Spanish Normalisation Committees for sustainability standards, among other activities.

In Applus+ since July 2017, being the Technical Manager and Quality Manager for CDM/VCS/GS4GG Department to ensure quality performances, coordinate global team and maintenance of the Accreditations as well as to perform the final reviews for all the projects before their approval and submission for quality assurance purposes.

**Mr. Miguel Ángel Cortés:**

Mr. Miguel Cortés holds a Bachelor's Science Degree on Civil and Environmental Engineering, being specialized on Hydric Resources.

He has worked as CDM/VCS/GS and environmental consultant for different industries of multidisciplinary sectors world widely.

Mr. Miguel Cortés counts with several years of GHG assessment experience, working and being qualified as Lead Auditor and Technical Reviewer for different DOEs world widely, as well as has been part of Gold Standard expert's committees.

Furthermore, he has performed his professional GHG assessment portfolio career worldwide and focusing in Latin America, developing assessments for projects in Argentina, Mexico, Panama, Colombia and Chile, among others.

**Mr. Simon (Meng) Shen:**

Mr. Meng (Simon) Shen holds a Master's Degree in Thermal Energy Engineering and Bachelor's Degree in Environmental Engineering.

He is a qualified auditor appointed by Applus+ Certification for the GHG project assessment, auditing and technical review.

He has more than 6 years of work experience in CDM/GS4GG/VCS project assessment and review with Applus+, apart from the years of experience working as GHG Auditor and ISO 9001/14001 in TUV SUD before he joined Applus+ for 3.5 years.

Mr. Simon Shen has extensive experience also as former Applus+ Shanghai CDM Technical Manager.

### Appendix 3. Documents reviewed or referenced

No.	Author	Title	References to the document	Provider
1	CME	Registered PoA-DD version 05	10/10/2014	Other
2	CME	Revised PoA-DD version 06 (initial)	18/02/2019	CME
3	CME	Revised PoA-DD version 07 (final)	29/03/2019	CME
4	UNFCCC	AMS-II.G. Energy efficiency measures in thermal applications of non-renewable biomass (Version 05.0)	23/11/2012	Other
5	DNV	Validation Report	14/10/2014	Other
6	CME	Monitoring Report for 12 Jul 2016 - 30 Nov 2016 CPA 9981-0002. Issuance reg. no. 9981-MP1-IRP2 dated on 07/03/2019	28/11/2018	Other
7	EPIC	Verification and certification report for the CPA 9981-0002. Issuance reg. no. 9981-MP1-IRP2 dated on 07/03/2019	29/11/2018	Other
8	Swedish Energy Agency	Approval and Authorization for Nordic Environment Finance Corporation	03/05/2016	Other
9	CME	Modalities of Communication Designation Focal Points Inclusion of Authorized Participants	29/06/2016 27/06/2016	Other Other
10	UNFCCC	Clarification SSC_732	<a href="https://cdm.unfccc.int/methodologies/SSCmethodologies/clarifications/78386">https://cdm.unfccc.int/methodologies/SSCmethodologies/clarifications/78386</a>	Other
11	UNFCCC	CDM Validation and Verification Standard for Programmes of Activities version 02.0	29/11/2018	Other
12	UNFCCC	CDM Project Standard for Programmes of Activities version 02.0	29/11/2018	Other
13	UNFCCC	CDM Project Cycle Procedure for Programmes of Activities version 02.0)	29/11/2018	Other
14	UNFCCC	CDM Accreditation Standard version 07.0	01/03/2018	Other
15	UNFCCC	Methodological Tool: Demonstration of additionality of microscale project activities (Version 09.0)	29/11/2018	Other
16	UNFCCC	Standard: Sampling and surveys for CDM project activities and programme of activities (version 07.0)	04/05/2017	Other
17	UNFCCC	UNFCCC's list of LDCs	<a href="https://unfccc.int/topics/resilience/workstreams/">https://unfccc.int/topics/resilience/workstreams/</a>	Other

			national-adaptation-programmes-of-action/ldc-country-information	
18	UNFCCC	Default values of fraction of non-renewable biomass	<a href="http://cdm.unfccc.int/DNA/fNRB/index.html">http://cdm.unfccc.int/DNA/fNRB/index.html</a>	Other

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

Table 1. CLs from this validation

<b>CL ID</b>	01	<b>Section no.</b>	D.1.	<b>Date:</b> 06/03/2019
<b>Description of CL</b>				
The CME shall clarify whether and how the technologies/measures and know-how for their use are transferred to the host party in Section A.3. of the revised PoA-DD.				
<b>CME's response</b>				<b>Date:</b> 29/03/2019
For each CPA a specific stakeholder consultation and engagement processes are designed. The target is ensuring the feedback from the local stakeholders for the selection of the efficient cookstove model to be distributed as well as to transfer knowhow on the correct usage of the technology. The details on how the technologies and know-how for their use are transferred will be described more in detail in each CPA-DD. The Section A.3 has been updated accordingly.				
<b>Documentation provided by CME</b>				
<i>Updated PoA-DD – Revised Section A.3.</i>				
<b>DOE assessment</b>				<b>Date:</b> 07/04/2019
The assessment team has evaluated the additions in the revised PoA-DD Section A.3. in order to determine if the information is now clear enough to comply with the PoA-DD instructions and contents. The assessment team considers the information contained in revised PoA-DD Section A.3. describes how the technologies/measures are know-how for their use are transferred to the host party by the mean of Local Stakeholder Consultations and engagement processes. Hence the <b>CL#1 is closed</b> .				

<b>CL ID</b>	02	<b>Section no.</b>	D.2.	<b>Date:</b> 06/03/2019
<b>Description of CL</b>				
The CME shall clarify whether the eligibility criteria for the inclusion of CPA(s) in the PoA are established in Section B.2. of the PoA-DD as stated in Section B of the revised PoA-DD.				
<b>CME's response</b>				<b>Date:</b> 29/03/2019
The eligibility criteria for the inclusion of CPAs is presented in Section K. The incorrect reference in Section B.2.has been corrected.				
<b>Documentation provided by CME</b>				
<i>Updated PoA-DD – Revised Section B</i>				
<b>DOE assessment</b>				<b>Date:</b> 07/04/2019
The assessment team has evaluated the additions in the revised PoA-DD Section B in order to determine if the information is now clear enough to determine whether the eligibility criteria are stated in the corresponding sections of the PoA-DD Form. The assessment team considers the information contained in revised PoA-DD Section B correct. Hence the <b>CL#2 is closed</b> .				

<b>CL ID</b>	03	<b>Section no.</b>	D.1.	<b>Date:</b> 06/03/2019
<b>Description of CL</b>				
The CME shall clarify if any other relevant elements of the management system are applicable and whether they are described along the Section B of the revised PoA-DD in compliance with the template's requirements for filling it.				
<b>CME's response</b>				<b>Date:</b> 29/03/2019
There are no other relevant elements of management system applicable for the implementation of the PoA. The Section B has been updated accordingly.				
<b>Documentation provided by CME</b>				
<i>Updated PoA-DD – Revised Section B</i>				
<b>DOE assessment</b>				<b>Date:</b> 07/04/2019
The assessment team has evaluated the additions in the revised PoA-DD Section B in order to determine if the information is now clear enough to determine whether there are other elements of the management				

system relevant for the implementation of the PoA.

The assessment team considers the information contained in revised PoA-DD Section B correct.

Hence the **CL#3 is closed**.

<b>CL ID</b>	04	<b>Section no.</b>	Other	<b>Date:</b> 06/03/2019
<b>Description of CL</b>				
The CME shall clarify the abbreviation that is going to be used for the parameter $\eta_{new,y}$ in order to maintain coherence along the revised PoA-DD with the methodology AMS-II.G Version 05.0.				
<b>CME's response</b>				<b>Date:</b> 29/03/2019
The parameter "Efficiency of the device being deployed as part of the project activity in year y" is abbreviated as $\eta_{new,y}$ in line with applied AMS-II.G version 05.0. The abbreviations of this parameter in section I.6.3 has been updated accordingly.				
<b>Documentation provided by CME</b>				
<i>Updated PoA-DD</i>				
<b>DOE assessment</b>				<b>Date:</b> 07/04/2019
The assessment team has evaluated the corrections made in the revised PoA-DD in order to determine if the information is now clear enough to determine whether the parameter $\eta_{new,y}$ is expressed in line with the applied version of the methodology.				
The assessment team considers the information contained in revised PoA-DD correct.				
Hence the <b>CL#4 is closed</b> .				

<b>CL ID</b>	05	<b>Section no.</b>	D.1.	<b>Date:</b> 06/03/2019
<b>Description of CL</b>				
The CME shall clarify whether the QA/QC procedures and purpose of data are well established for the parameter $B_{y,new,KPT}$ .				
<b>CME's response</b>				<b>Date:</b> 29/03/2019
Measurement methods and procedures, QA/QC procedures, Purpose of data and Additional comment regarding the parameter $B_{y,new,KPT}$ have been updated in section I.7.1.				
<b>Documentation provided by CME</b>				
<i>Updated PoA-DD – Section I.7.1</i>				
<b>DOE assessment</b>				<b>Date:</b> 07/04/2019
The assessment team has evaluated the revision made in the PoA-DD, Section I.7.1. table for parameter $B_{y,new,KPT}$ in order to determine if the information is now clear enough to determine whether the QA/QC procedures and purpose of data fit with their aim.				
The assessment team considers the information contained in revised PoA-DD, Section I.7.1. correct.				
Hence the <b>CL#5 is closed</b> .				

<b>CL ID</b>	06	<b>Section no.</b>	D.5.	<b>Date:</b> 06/03/2019
<b>Description of CL</b>				
The CME shall clarify whether the parameters to be monitored that will be determined by surveillance or tests are applying QA/QC procedures in measurement processes that comply with AMS-II.G Version 05.0 Paragraph 28.				
<b>CME's response</b>				<b>Date:</b> 29/03/2019
All the relevant monitored parameters that will be determined by surveillance or tests are applying QA/QC procedures in measurement processes that comply with AMS-II.G Version 05.0 Paragraph 28. The QA/QC procedures described in section I.7.1 have been updated accordingly.				
<b>Documentation provided by CME</b>				
<i>Updated PoA-DD – Section I.7.1</i>				
<b>DOE assessment</b>				<b>Date:</b> 07/04/2019
The assessment team has evaluated the revision made in the PoA-DD, Section I.7.1. tables for the following parameters that are established to be from a source of data involving a survey or sampling test: $B_{y,new,KPT}$ ; $B_{y,new,survey}$ ; $SC_{new,y}$ ; $HG_{p,y}$ ; $N_{y,i}$ .				
The information is clear enough through the revised PoA-DD to determine that these parameters are subjected to sampling and survey and a QA/QC procedure for sampling and surveying their values is established, depending on the monitoring frequency in line with the applied version of the methodology.				
The assessment team considers the approach as correct.				
Hence the <b>CL#6 is closed</b> .				

<b>CL ID</b>	07	<b>Section no.</b>	D.5.	<b>Date:</b> 06/03/2019
<b>Description of CL</b>				
<p>The CME shall clarify the following (regarding to the parameter <math>\eta_{new,y}</math>):</p> <ul style="list-style-type: none"> <li>- Whether the margin of error for the measurement is established at 10% or 5%.</li> <li>- Whether the parameter is used when CPAs utilize the Equation 4 of the AMS-II.G Version 05.0.</li> <li>- Whether the parameter is going to be monitored with an annual or biennial frequency, or only with an annual frequency as established in Section I.7.3. of the revised PoA-DD.</li> </ul>				
<b>CME's response</b>				<b>Date:</b> 29/03/2019
<ul style="list-style-type: none"> <li>- The margin of error for the measurements is corrected to be 10% in line with para 28 of AMS-II.G Version 05.0.</li> <li>- The parameter is used when CPAs utilize the Option 2 described in the paragraph 12 of the AMS-II.G Version 05.0.</li> <li>- Either annual or biennial monitoring frequency may be chosen in line with the footnote 12 of the AMS-II.G Version 05.0. The section I.7.3 has been updated accordingly.</li> </ul>				
<b>Documentation provided by CME</b>				
<i>Updated PoA-DD</i>				
<b>DOE assessment</b>				<b>Date:</b> 07/04/2019
<p>The assessment team has evaluated the revision made in the PoA-DD, Section I.7.1. table for parameter <math>\eta_{new,y}</math> and Section I.7.3. in order to determine if the information is now clear enough to evaluate if:</p> <ul style="list-style-type: none"> <li>- The margin of error is established as per the requirements of the applied version of the methodology. The assessment team found the information correct.</li> <li>- The parameter is used for application in cases where the CPA is calculating its <math>B_{y,savings}</math> through <math>B_{y,new,survey}</math>, as per the appearance of the latter as a parameter to be monitored. The assessment team found the information correct.</li> <li>- The parameter is going to be monitored annually as established in the Section I.7.3. The mentioned section has been amended to include the possibility of monitoring the parameter biennially in consistency with the table of Section I.7.1. The assessment team found the information correct.</li> </ul> <p>The assessment team considers the information is enough to determine the consistency of the parameter <math>\eta_{new,y}</math>. Hence the <b>CL#7 is closed.</b></p>				

<b>CL ID</b>	08	<b>Section no.</b>	D.5.	<b>Date:</b> 06/03/2019
<b>Description of CL</b>				
<p>The CME shall clarify whether the parameter <math>B_{y,new,KPT}</math> includes a revision in order to consider measurements when two project stoves per household are distributed.</p>				
<b>CME's response</b>				<b>Date:</b> 29/03/2019
<p>The description of the parameter <math>B_{y,new,KPT}</math> has been updated in Section I.7.1 to describe the approach of dividing <math>B_{y,new,KPT}</math> in two for the cases where the households are having two project stoves.</p>				
<b>Documentation provided by CME</b>				
<i>Updated PoA-DD</i>				
<b>DOE assessment</b>				<b>Date:</b> 07/04/2019
<p>The assessment team has evaluated the revision made in the PoA-DD in order to determine if the information is clear enough to assess consistency between the summary of Post Registration Changes (in which the parameter <math>B_{y,new,KPT}</math> is told to have been revised to consider how to calculate it per device when households contains two stoves) and the table for the parameter itself in Section I.7.1.</p> <p>The assessment team considers the information consistent along the PoA-DD. Hence the <b>CL#8 is closed.</b></p>				

<b>CL ID</b>	09	<b>Section no.</b>	D.1.	<b>Date:</b> 06/03/2019
<b>Description of CL</b>				
<p>Client is requested to provide summary of changes in a table with summary original content in left and summary of PRCs in the right column for better clarity on changes proposed.</p>				
<b>CME's response</b>				<b>Date:</b> 29/03/2019
<p>The summary of changes is now provided in table format in Appendix 7.</p>				
<b>Documentation provided by CME</b>				
<i>Updated PoA-DD – Appendix 7</i>				
<b>DOE assessment</b>				<b>Date:</b> 07/04/2019
<p>The assessment team has evaluated the revision made in the PoA-DD Appendix 7 in order to provide</p>				

from CME's side more clarity on the implemented type of Post Registration Changes at PoA level. The assessment team considers the information consistent with the applied changes and clear enough. Hence the **CL#9 is closed**.

**Table 2. CARs from this validation**

CAR ID	01	Section no.	D.6.	Date:	06/03/2019
<b>Description of CAR</b>					
<p>The revised PoA-DD does not demonstrate compliance with the Methodological tool 19: Demonstration of additionality of microscale project activities (Version 09.0) Paragraph 12 b) (i). The Validation Team hence does not consider that such condition is satisfied in order to declare the units of each CPA as additional considering this condition.</p> <p>The CME shall demonstrate the DOE that has assessed the penetration rate of the technology/measure. Validation of additionality of the units of each CPA is hold on stand-by until this CAR is closed.</p>					
<b>CME's response</b>					<b>Date:</b> 29/03/2019
<p>The justification in section C has been updated to be as follows: "As units i.e. cooking stoves distributed under this PoA aim to achieve energy savings at a scale of no more than 20 GWh per year and as the geographical boundary of this PoA is Mozambique (which is a Least Developed Country), the condition a) of the Paragraph 12 of the above-named tool is satisfied and the project activities under this PoA can be deemed additional."</p>					
<b>Documentation provided by CME</b>					
<i>Updated PoA-DD - Section C</i>					
<b>DOE assessment</b>					<b>Date:</b> 07/04/2019
<p>The assessment team has evaluated the revision made in the PoA-DD Section C.</p> <p>The CME has modified the approach for complying with criteria for the demonstration of additionality in the Methodological tool 19: Demonstration of additionality of microscale project activities (Version 09.0). The assessment team confirms that the Paragraph 12 b) (i) is now excluded from the asseveration to deem each CPA as additional.</p> <p>The assessment team confirms the fulfilment of only the Paragraph 12 a) is enough to deem each CPA as additional based on the Methodological tool 19: Demonstration of additionality of microscale project activities (Version 09.0) criteria.</p> <p>The assessment team confirms Mozambique is included as a LDC by the UNFCCC, hence the condition in the methodological tool Para 12 a) is satisfied.</p> <p>Hence the <b>CAR#1 is closed</b>.</p>					

CAR ID	02	Section no.	D.1.	Date:	06/03/2019
<b>Description of CAR</b>					
<p>The CME is required to establish in Section H.3. and I.2., as well as in any other required part of the revised PoA-DD which type of activities are included in all the CPA, as well as to demonstrate this qualification, following the type of activities set out in the Methodological tool 19: Demonstration of additionality of microscale project activities (Version 09.0).</p> <p>Validation Team assessment on the applicability of Para 124 (m) of the Project Standard for Programmes of Activities v.2.0 is hold on stand-by until this CAR is closed.</p>					
<b>CME's response</b>					<b>Date:</b> 29/03/2019
<p>The description in section H.3 has been updated to be as follows: "The description in section H.3 has been updated to be as follows: "The aim of the CPAs is to improve energy efficiency by substituting inefficient traditional cooking stoves with more effective ones improving the conditions of the local population living in Mozambique and reducing the greenhouse gas emissions. The stove design may vary by CPA as different locations, climates and traditions demand. However, the cookstove design needs to fulfil the specifications described in the eligibility criteria nro 3 indicated in Section K of PoA-DD. One example of the used stove model is the portable CH-2200 Charcoal Cooking stove (Imagine A-3). This stove model is one of the world's most fuel-efficient charcoal cooking stove models performing at 42.3 percent thermal efficiency, thereby it can lead to a charcoal usage reduction of up to 50% compared to traditional stoves."</p> <p>The description in section I.2 (in table I-1) has been updated to be as follows: "Moreover, each cooking stove (i.e. unit) aim to achieve energy savings at a scale of no more than 20 GWh per year which will be demonstrated within the ER calculation spreadsheet."</p> <p>Moreover, the description in section H.4. has been updated regarding the specification of the types of</p>					



activities include in the CPAs.	
<b>Documentation provided by CME</b>	
<i>Updated PoA-DD</i>	
<b>DOE assessment</b>	<b>Date:</b> 07/04/2019
<p>The assessment team has evaluated the revision made in the PoA-DD and found that:</p> <ul style="list-style-type: none"> <li>- The CME has included in Section H.3. a description of the activities to be carried out and characteristics to be complied as per criteria nro 3 in Section K. The information is consistent.</li> <li>- The CME has also included in the Section K criteria nro 6 the evidence to be provided in ER calculation spreadsheet (as per information also added in Section H.4.) that each single unit (i.e. cook stove) under the CPA aim to achieve energy savings at a scale of no more than 20 GWh per year, hence qualifying as Type II as specified by the Methodological tool 19: Demonstration of additionality of microscale project activities (Version 09.0). The information is consistent.</li> <li>- The CME has added information to the Section H.4., particularly stating that: <i>"Each CPA consists solely of units that qualify as "microscale CDM units" as defined in the "Methodological tool: Demonstration of additionality of microscale project activities". Each single unit (i.e. cook stove) aim to achieve energy savings at a scale of no more than 20 GWh per year which will be demonstrated within the ER calculation spreadsheet"</i>. The assessment team confirms this serves as a proof to be provided for demonstration of the qualification as Type II of each solely unit in line with the Methodological tool 19: Demonstration of additionality of microscale project activities (Version 09.0), hence correct.</li> <li>- The CME has also included in the Table I.1., Section I.2 of the revised PoA-DD the aim of the units to do not achieve energy savings at a scale of no more than 20 GWh per year and that this will be demonstrated within the ER calculation spreadsheet. The information is consistent.</li> </ul> <p>As per the discussed issues above, the assessment team considers the CME response has corrected the necessary information to allow the closure of the CAR. Hence the <b>CAR#2 is closed</b>.</p>	

<b>CAR ID</b>	03	<b>Section no.</b>	D.1.	<b>Date:</b> 06/03/2019
<b>Description of CAR</b>				
The CME is requested to follow the instructions for filling the PoA-DD form in Section H.4. of the revised PoA-DD.				
<b>CME's response</b>				<b>Date:</b> 29/03/2019
The section H.4. has been updated to follow the instructions for filling the PoA-DD.				
<b>Documentation provided by CME</b>				
<i>Updated PoA-DD - Section H.4</i>				
<b>DOE assessment</b>				<b>Date:</b> 07/04/2019
<p>The assessment team has evaluated the revision made in the PoA-DD Section H.4. The CME has provided enough information to comply with the requirements of the aforementioned section; thus the assessment team confirms its adequacy. Hence the <b>CAR#3 is closed</b>.</p>				

<b>CAR ID</b>	04	<b>Section no.</b>	D.1.	<b>Date:</b> 06/03/2019
<b>Description of CAR</b>				
<p>The Validation Team confirms that Leakage Emissions are considered as a source of GHG emissions as per affirmations given in the revised PoA-DD. The CME is thus required to include Leakage emissions from the PoA as a source of GHG in Section I.4. of the revised PoA-DD.</p>				
<b>CME's response</b>				<b>Date:</b> 26/03/2019
The Section I.4 has been updated to include the Leakage Emissions.				
<b>Documentation provided by CME</b>				
<i>Updated PoA-DD - Section I.4</i>				
<b>DOE assessment</b>				<b>Date:</b> 07/04/2019
<p>The assessment team has evaluated the revision made in the PoA-DD Section I.4. The CME has provided information about the source of GHG emissions due to leakage; thus the assessment team confirms the information is correct and consistent with the characteristics of the PoA. Hence the <b>CAR#4 is closed</b>.</p>				

<b>CAR ID</b>	05	<b>Section no.</b>	D.1.	<b>Date:</b> 06/03/2019
<b>Description of CAR</b>				
<p>The CME is requested to establish the duration of the Crediting Period in line with the template's instructions.</p> <p>Additionally, the total duration of the Crediting Period as expressed in Section J of the revised PoA-DD applying the total number of renewals written in such section is more than the maximum extent of the Crediting Period for the PoA.</p>				
<b>CME's response</b>				<b>Date:</b> 29/03/2019
<p>The Section J has been updated to follow the instructions for filling the PoA-DD. Moreover, it is now specified that CPA crediting period cannot exceed the maximum extent of the Crediting Period for the PoA (i.e. the date 21/01/2042).</p>				
<b>Documentation provided by CME</b>				
<i>Updated PoA-DD – Section J</i>				
<b>DOE assessment</b>				<b>Date:</b> 07/04/2019
<p>The assessment team has evaluated the revision made in the PoA-DD Section J and found that:</p> <ul style="list-style-type: none"> <li>- The CME now provides the information in line with template's instructions. The assessment team found the information correct.</li> <li>- The CME has corrected the information that meant the CP will be renewed to a maximum extent that overpasses the maximum extent of the Crediting Period. The assessment team found the information correct.</li> </ul> <p>Hence the <b>CAR#5 is closed</b>.</p>				

Table 3. FARs from this validation

<b>FAR ID</b>	xx	<b>Section no.</b>		<b>Date:</b> DD/MM/YYYY
<b>Description of FAR</b>				
<b>CME's response</b>				<b>Date:</b> DD/MM/YYYY
<b>Documentation provided by CME</b>				
<b>DOE assessment</b>				<b>Date:</b> DD/MM/YYYY

- - - - -

**Document information**

<i>Version</i>	<i>Date</i>	<i>Description</i>
02.0	29 December 2017	Revision to align with the requirements of the “CDM validation and verification standard for programme of activities” (version 01.0).
01.0	5 June 2015	Initial publication.
Decision Class: Regulatory		
Document Type: Form		
Business Function: Registration		
Keywords: post-registration change, programme of activities, validation report		