



**Validation report form for post-registration changes for
CDM programme of 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 programme of activities (PoA) | The African Cookstoves Initiative Programme of Activities 10641 |
| Process track | <input checked="" type="checkbox"/> Prior approval <input type="checkbox"/> Issuance <input type="checkbox"/> Renewal of PoA period |
| Version number of the validation report | 01.2 |
| Completion date of the validation report | 04/08/2021 |
| Version number of PoA-DD applicable to this validation report | 4 |
| Type(s) of PoA PRCs | <input type="checkbox"/> Corrections <input type="checkbox"/> Inclusion of monitoring plan <input type="checkbox"/> Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from applied methodologies, standardized baselines, or other methodological regulatory documents ¹ <input checked="" type="checkbox"/> Changes to the programme design <input type="checkbox"/> Addition of CPA inclusion template <input type="checkbox"/> Change of coordinating/managing entity <input type="checkbox"/> Changes specific to afforestation and reforestation activities |
| Coordinating/managing entity (CME) | ALLCOT AG |
| Host Parties | Senegal; Côte d'Ivoire; Guinea Bissau, Guinea Conakry, Kenya |
| Applied methodologies and standardized baselines | Standardized baselines: not applicable AMS-II.G: Energy efficiency measures in thermal applications of non- renewable biomass --- Version 11.1 |
| Mandatory sectoral scopes | 3 : Energy demand |
| Conditional sectoral scopes, if applicable | N/A |
| Name and UNFCCC reference number of the DOE | Name: KBS Certification Services Pvt. Ltd. UNFCCC Reference Number: E-0051 |
| Name, position and signature of the approver of the validation report | |

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).



Kaushal Goyal
Managing Director
KBS Certification Services Pvt. Ltd.

SECTION A. Executive summary

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The stated goal of the PoA is to achieve dissemination and effective use of Improved Cook Stoves (ICS) to urban, peri-urban, and rural users (households, communities, institutions or SMEs) in the Senegal; Côte d'Ivoire; Guinea Bissau, Guinea Conakry and Kenya replacing the traditional inefficient cook stoves /cooking devices.

Biomass in host countries is mostly non-renewable since the forestry practices are not sustainable. Several greenhouse gases (GHG), including carbon dioxide, are produced as a result of the combustion of non-renewable biomass as used in cook stoves. ICS improve heat transfer efficiency as compared to the baseline traditional cook stoves, thereby reducing the amount of fuel (wood and charcoal) used. The PoA will reduce use of non-renewable biomass and thus as well the greenhouse gases accountable to it.

The goal of this PoA is to improve the quality of life of communities via making ICS available to urban peri-urban, and rural users (households, communities, institutions or SMEs) cooking with biomass across host countries. Since the forestry practices in host countries are not sustainable, the PoA will reduce use of non-renewable biomass and thus as well the greenhouse gases accountable to it.

The PoA will be coordinated by Allcot AG, the Coordinating Managing Entity (hereby CME), which is the project participant providing the framework and incentives for the rest of parties involved to achieve the emission reductions. CPAs under this PoA will be implemented by CPA implementers - companies, NGOs or other entities that will sign a contractual agreement with CME.

A typical CPA will replace traditional cook stoves using wood or charcoal with an ICS with higher efficiency. ICSs are more efficient than traditional cook stoves as they reduce heat loss and improve heat transfer and/or combustion efficiency. They are more efficient and burn more cleanly than traditional cooking devices, and as a result, reduce emissions of GHG from non-renewable biomass combustion.

The PoA will also contribute to the sustainable development of the host country by reducing the demand for biomass, contributing to the alleviation of the burden on forests, improving the quality of in-door air in households cooking with non-renewable biomass.

The PoA will contribute to the wide-spread use of efficient stoves within the boundary of the PoA. The use of efficient cooking technologies will result in vastly reduced woody biomass consumption. The reduced woody biomass consumption will result in GHG emission reductions.

The basic details on the PoA are mentioned below:

| | |
|------------------------------------|---|
| Title of PoA | The African Cook stoves Initiative Programme of Activities |
| UNFCCC registration number | 10641 |
| Date of registration | 30/12/2020 |
| Sectoral scope | Sectoral Scope 03 - Energy Demand |
| Methodologies applied | AMS-II.G – Energy efficiency measures in thermal applications of non-renewable biomass (version 11.1) |
| Standardized baseline | N/A |
| Coordinating/managing Entity (CME) | Allcot AG |
| Location of the PoA | Senegal; Côte d'Ivoire; Guinea Bissau, Guinea Conakry and Kenya |
| Version of registered PoA-DD | Version 03.6 |

Scope of validation

KBS is contracted by CME to perform the validation of post-registration changes made to the registered PoA-DD. The scope of validation includes assessment of the post-registration changes, changes to the programme design in the registered PoA-DD, where three host countries are included: Guinea Conakry, Guinea Bissau and Kenya. This validation is an independent and objective review of the post registration changes proposed in registered PoA-DD against latest CDM Validation and Verification Standard (VVS), Project Standard (PS), Project Cycle Procedures (PCP) and other related requirements, as appropriate.

Validation process

The validation process is undertaken by the validation team, involving a desk review of proposed changes as submitted by CME, interview or interactions with the representative of CME, reporting and closure of findings, as appropriate and preparing a draft validation report complying with the CDM requirements. The cross checks between information provided in the PoA-DD and information from sources other than those used, if available, the validation team's sectoral or local expertise and, if necessary, independent background investigations.

In particular, the post-registration changes in the PoA-DD are validated in order to confirm that the revised PoA-DD is sound and reasonable and meets the stated requirements and identified criteria. The validation is seen as necessary to provide assurance to stakeholders of the quality of the project and its intended generation of certified emission reduction (CER).

UNFCCC criteria refer to the Kyoto Protocol criteria and the CDM rules and modalities and related decisions by the COP/MOP and the CDM Executive Board

A complete desk review of the submitted revised PoA-DD, as well as all applicable country legal requirement and supportive evidences have been checked by the validation team.

The validation report prepared by the validation team is reviewed by an independent Technical Review team. The Technical Reviewer will either accept or reject the recommendation made by the assessment team. The findings can be raised at this stage and CME/CPA Implementer must resolve them within agreed timeline.

The opinion recommended by Technical Reviewer will be confirmed by Manager Technical & Certification and finally authorized by the Managing Director on behalf of KBS as final validation opinion. The Technical Reviewer and Manager T&C may be the same person.

Conclusion

The post-registration changes done in the registered PoA-DD meets all relevant UNFCCC requirements for the CDM PoA-DD and correctly applies the selected baseline and monitoring methodology. This report is the assessment opinion of the changes proposed in the registered PoA-DD. The proposed PRC involves changes to the programme design.

The DOE confirm that all the documents referred in the Project Standard as part of post-registration changes have been submitted by the CME to the DOE. KBS confirms that the post-registration changes in the revised PoA-DD is in compliance with the applicable requirements of the CDM VVS for PoAs (version 02.0) and CDM Project Standard for PoAs (version 02.0). The changes have been accepted by the assessment team. Hence in line with the requirements of the CDM VVS for PoAs (version 02.0), the validation opinion is being submitted for the post-registration changes in the PoA.

SECTION B. Validation team, technical reviewer and approver

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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 | | | |
|-----|-------------|------------------|-----------|------------|---|----------------|--------------------|--------------|-----------------------|
| | | | | | | Desk review | On-site inspection | Interview(s) | Verification findings |
| 1. | Team Leader | EI | Oliver | Quireza | Central | ✓ | - | ✓ | ✓ |

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 | IR | Kandari | Sanjay | Central Office |
| 2 | Manager T&C | IR | Chaudhari | Tushar Eknath | Central Office |
| 2 | Approver | IR | Goyal | Kaushal | Central Office |

SECTION C. Means of validation**C.1. Document review**

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The validation is performed primarily as a document review of the registered/revised PoA-DD. The cross checks between information provided in the PoA-DD and information from sources other than those used, if available, the validation team's sectoral or local expertise and, if necessary, independent background investigations. The validation is seen as necessary to provide assurance to stakeholders of the quality of the project and its intended generation of certified emission reduction (CER). UNFCCC criteria refer to the Kyoto Protocol criteria and the CDM rules and modalities and related decisions by the COP/MOP and the CDM Executive Board

The list of all documents/evidences reviewed is referenced for the purpose of this validation is included under Appendix 3 of this report.

C.2. On-site inspection

A complete desk review of the submitted revised PoA-DD, as well as all applicable country legal requirement and supportive evidences have been checked by the validation team.

In addition, audit team has conducted electronic calls/meetings with CME and Carbon consultant, in order to confirm on the post-registration changes in the PoA as well as request for supportive evidence. Based on the interview and the desk review of the supportive documents, validation has found that the change in the PoA-DD is in line with the VVS for PoA, version 02.

Based on the calls, PoA document review, as well as the review of UNFCCC procedures and guidelines, KBS Validation team has proceeded to skip the site visit. As per para 184 of CDM validation and verification standard for programmes of activities version 02, Validation team has used the following alternative means for its assessment and to justify that they are sufficient for the purpose of validation.

- By review of PoA documents;
- By taking follow up actions by conducting interviews with the new CME via telephonic call, skype meeting and e-mail communication. Cross-checked evaluation under the scope of all information and references provided in PoA-DD and supporting documents. Details of interviewees, topics covered and additional information presented in the below section "C.3 Interviews"

Validation team has also checked the site visit requirements mentioned in the VVS for PoA Version 02 and concluded that no-site visit is required at this stage. The justification for the site visit requirements of VVS PoA Version 02 have been mentioned below.

| VVS PoA Version 02 Requirements | Validation team Justification |
|--|---|
| <p>Para 29 (b) (b) Follow-up actions (e.g. on-site inspection and telephone or e-mail interviews), including:</p> <p>(i) Interviews with relevant stakeholders in the host country, such as personnel with knowledge of the PoA design and implementation;</p> <p>(ii) Cross checks between the information provided by interviewed personnel (i.e. by checking sources or other interviews) to ensure that no relevant information has been omitted;</p> | <p>Validation team has done the follow-up actions by:</p> <ol style="list-style-type: none"> 1. Telephonic call, Skype meeting and E-mail interviews of CME, Carbon consultant. More information on the topic of discussions have been provided in Section C.3 of the Report. 2. Cross checks between information provided by interviewed personnel (i.e. by checking sources or other interviews) to ensure that no relevant information has been omitted. |
| <p>Para 183 It is mandatory for the DOE to conduct an on-site inspection at validation for the proposed CPA if:</p> <p>(a) Its estimated annual average of GHG emission reductions or net anthropogenic GHG removals is more than 100,000 t CO₂ eq; or</p> <p>(b) There is pre-project information that is relevant to the requirements for inclusion of the CPA and may not be traceable after the inclusion.</p> | <p>The proposed validation is the validation of the post-registration changes in the registered PoA and hence the paragraph 183 is not applicable to the current validation.</p> <p>Hence the validation team has not considered the site visit as mandatory in line with the VVS PoA Version 02 Requirements.</p> |

| Duration of on-site inspection: DD/MM/YYYY to DD/MM/YYYY | | | | |
|--|----------------------------|---------------|------|-------------|
| No. | Activity performed on-site | Site location | Date | Team member |
| 4. | | | | |
| ... | | | | |

C.3. Interviews

| No. | Interviewee | | | Date | Subject | Team member |
|-----|-------------|------------|-------------|------------|---|----------------|
| | Last name | First name | Affiliation | | | |
| 1. | Garcia | Mercedes | Allcot | 23/04/2021 | Host countries, changes to the PoA design | Oliver Quireza |
| 2. | Hernandez | Encarna | Allcot | 23/04/2021 | PoADD, changes to the PoA design | Oliver Quireza |

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 | - | - | - |
| Corrections | - | - | - |
| Inclusion of monitoring plan | - | - | - |
| Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from applied methodologies, standardized baselines, or other methodological regulatory documents | - | - | - |
| Changes to the programme design | - | - | - |

| | | | |
|--|---|--------|---|
| Addition of CPA inclusion template | - | - | - |
| Change of coordinating/managing entity | - | - | - |
| Changes specific to afforestation and reforestation activities | - | - | - |
| Others (please specify) | - | CAR 01 | - |
| Total | - | 1 | - |

SECTION D. Validation findings

D.1. Compliance with the PoA-DD form

| | |
|----------------------------|--|
| Means of validation | The validation team reviewed the PoA-DD that was provided by CME as part of proposed PRC and compared them with the current valid templates/form for PoA-DD as available at UNFCCC website and found that these were consistent. |
| Findings | No findings raised |
| Conclusion | The validation team confirms that the proposed post registration changes as included in the revised PoA-DD were presented by using the valid version of CDM-PoA-DD-FORM and is in compliance with the instructions contained therein. The CME has used the latest version of PoA-DD form and the validation team confirms that the information transferred in this process is materially the same except the proposed post registration changes (listed in further sections). |

D.2. Corrections

| | |
|----------------------------|----------------|
| Means of validation | Not Applicable |
| Findings | Not Applicable |
| Conclusion | Not Applicable |

D.3. Inclusion of monitoring plan

| | |
|----------------------------|----------------|
| Means of validation | Not Applicable |
| Findings | Not Applicable |
| Conclusion | Not Applicable |

D.4. Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from applied methodologies, standardized baselines, or other methodological regulatory documents

| | |
|----------------------------|----------------|
| Means of validation | Not Applicable |
| Findings | Not Applicable |
| Conclusion | Not Applicable |

D.5. Changes to the programme design

| | |
|----------------------------|---|
| Means of validation | <p>The changes in the programme design is summarized as follows:</p> <p>The project boundary of the program of activities was increased by adding three host countries from the same region in the Sub-Sahara Africa, Guinea Bissau, Republic of Guinea (referred as Guinea Conakry) and Kenya..</p> <p>No other design changes are affected by the inclusion of the three host parties. The applied technologies, demonstration of of additionality and baseline remain the same.</p> <p>BASELINE for both generic CPAs: Category 1 Generic CPA-1: Distribution of micro scale cookstoves systems and Category 2 Generic CPA-2: Distribution of micro scale dryer systems.</p> <p>According to the applied methodology AMS-II.G (version 11.1), it is assumed that in the absence of the project activity, the baseline scenario would be the continued use of inefficient cooking and drying devices that consume more non-renewable biomass fuel to meet similar thermal energy needs as those provided by the project devices. By means of reviewing studies from relevant authors/24/</p> |
|----------------------------|---|

form the host parties Senegal; Côte d'Ivoire; and Guinea Bissau, Guinea Conakry and Kenya it is confirmed that the baseline considers the actual situation of the host countries. So in line with the §271 (b) of VVS-PoA, it is concluded that the baseline established in the PoA DD is applicable to the expanded PoA boundary.

The VT checked whether the relevant sections of the reviewed PoADD, had to be updated due to the change, such as the applied methodology, and applicable TOOLS, the framework for implementation of the CPAs, the management systems, procedures to avoid double counting, demonstration of additionality, baseline scenario, ER calculations, monitoring parameters, sampling plans, eligibility criteria for inclusion of CPAs and the description of the generic CPAs. Both technologies improved cookstoves and efficient dryers remain the same, also no impact in the generic description in the PoA DD.

In conclusion no other change apart of the addition of the three host countries is taking place.

Regarding the LSC there is no impact at PoA level because the LSC is taken a CPA level.

The LoA approval for the new countries were checked as follows:

Approval:

Guinea Bissau:

- a) Confirms that the host party Guinea Bissau, is a Party to the Kyoto Protocol;
- b) Confirms that the participation in the proposed CDM PoA is voluntary;
- c) Refers to the precise title of the proposed CDM PoA.
- d) The CME is mentioned in the LoA.
- e) The letter has been issued by the DNA of Guinea Bissau,
- f) The VT doesn't doubt about the authenticity of the LoA, as it is stamped and looks similar to other LoAs issued by the Guinea Bissau, DNA.
- g) The letter was received directly by the CME

Guinea Conakry:

- a) Confirms that the host party Guinea Conakry, is a Party to the Kyoto Protocol;
- b) Confirms that the participation in the proposed CDM PoA is voluntary;
- c) Refers to the precise title of the proposed CDM PoA.
- d) The CME is mentioned in the LoA.
- e) The letter has been issued by the DNA of Guinea Conakry.
- f) The VT doesn't doubt about the authenticity of the LoA, as it is stamped and looks similar to other LoAs issued by the Guinea Conakry, DNA.
- g) The letter was received directly by the CME

Kenya:

- a) Confirms that the host party Kenya, is a Party to the Kyoto Protocol;
- b) Confirms that the participation in the proposed CDM PoA is voluntary;
- c) Refers to the precise title of the proposed CDM PoA.
- d) The CME is mentioned in the LoA.
- e) The letter has been issued by the DNA of Kenya.
- f) The VT doesn't doubt about the authenticity of the LoA, as it is stamped and looks similar to other LoAs issued by the Kenya, DNA.
- g) The letter was received directly by the CME

Authorization:

By means of the LoA issued by the DNAs of Guinea Bissau, Guinea Conakry and Kenya, the validation team will be able to assess the approvals from the DNAs in accordance with related applicable validation requirements in the VVS.

✓ The LoAs are directed solely to the CME and PP ALLCOT AG

| | |
|-------------------|--|
| | <ul style="list-style-type: none"> ✓ It is confirmed that the Parties Guinea Bissau, Guinea Conakry and Kenya are Parties to the Kyoto Protocol; ✓ The letters have been issued by the respective country Guinea Bissau, Guinea Conakry and Kenya DNAs ✓ Guinea Bissau, Guinea Conakry and Kenya authorizes Allcot AG as both CME and PP. |
| Findings | CAR 01 |
| Conclusion | <p>The DOE confirms the following:</p> <ul style="list-style-type: none"> • The proposed or actual changes comply with the relevant requirements in the Project standard related to changes to the registered CDM programme design of a registered CDM PoA. • The proposed revisions comply with the applied methodology and applied tools. • The additionality and the scale of the PoA will not be affected by the changes. • All the changes have been clearly stated in the appropriate sections revised PoA DD and summarized under Appendix 7 of the revised PoA DD. • In line with the §271 (b) of VVS-PoA, it is concluded that the baseline established in the PoA DD is applicable to the expanded PoA boundary |

D.6. Addition of CPA inclusion template

| | |
|----------------------------|----------------|
| Means of validation | Not Applicable |
| Findings | Not Applicable |
| Conclusion | Not Applicable |

D.7. Change of coordinating/managing entity

| | |
|----------------------------|----------------|
| Means of validation | Not Applicable |
| Findings | Not Applicable |
| Conclusion | Not Applicable |

D.8. Changes specific to afforestation and reforestation activities

| | |
|----------------------------|----------------|
| Means of validation | Not Applicable |
| Findings | Not Applicable |
| Conclusion | Not Applicable |

SECTION E. Internal quality control

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Following the completion of the assessment process and a recommendation by the assessment team, the validation opinion prepared by Team Leader is independently reviewed by internal Technical Reviewer. TR reviews if all the KBS procedures have been followed and all conclusions are justified in accordance with applicable standards, procedures, guidance and CDM decisions. The TR either is qualified for the technical area within the CDM sectoral scope(s) applicable to project activity or is supported by qualified independent technical expert at this stage.

The Technical Reviewer will either accept or reject the recommendation made by the assessment team. The findings can be raised at this stage and PP must resolve them within agreed timeline.

The opinion recommended by Technical Reviewer will be confirmed by Manager Technical & Certification and finally authorized by the Managing Director on behalf of KBS as final validation opinion. The Technical Reviewer and Manager T&C may be same person

SECTION F. Validation opinion

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KBS Certification Services Pvt. Ltd. has been contracted by "Allcot AG" to perform a validation of the post-registration changes of the project activity:

PoA title: The African Cookstoves Initiative Programme of Activities

Host Countries: Senegal, Côte d'Ivoire, Guinea Bissau, Guinea Conakry and Kenya

The validation was performed in accordance with the UNFCCC criteria for the Clean Development Mechanism, CDM VVS for PoAs, V02.0 and related Standards/Guidance and host country criteria, as well as criteria given to provide for consistent project operations, monitoring and reporting. The report is based on the assessment of the revised PoA-DD undertaken through application of standard auditing techniques including but not limited to desk review, follow up actions (e.g., electronic (telephone or e-mail) interviews) and also the review of the applicable approved methodological and relevant tools, guidance's and CDM decisions.

The proposed PRC involves changes to the programme design in the registered PoA-DD. The change in the registered PoA-DD complies with the VVS, PCP and PS for PoA, version 02. The description in the revised PoA-DD meets all relevant UNFCCC requirements for the CDM. The validation confirms that the implementation of the post registration changes is in line with the relevant CDM rules/requirements and all other applicable tools and guidance.

Appendix 1. Abbreviations

| Abbreviations | Full Texts |
|---------------|--|
| AMS | Approved Methodology for Small-scale |
| BE | Baseline Emissions |
| CAR | Corrective Action Request |
| CDM | Clean Development Mechanism |
| CER | Certified Emission Reduction |
| CHAPOSA | Charcoal Potential for Southern Africa |
| CL | Clarification request |
| CoP | Conference of Parties |
| CPA | Component Project Activity |
| CME | Coordinating/Managing Entity |
| DD | Design Document |
| DNA | Designated National Authority |
| DOE | Designated Operational Entity |
| DR | Document Review |
| DRB | Demonstrably renewable woody biomass |
| EB | Executive Board |
| EF | Emission Factor |
| EIA | Environmental Impact Assessment |
| ER | Emission Reductions |
| FAR | Forward Action Request |
| FSR | Feasibility Study Report |
| GHG | Greenhouse gas(es) |
| GSC | Global Stakeholder Consultation |
| HCA | Host Country Approval |
| ICS | Improved Cook Stove |
| IPCC | Intergovernmental Panel on Climate Change |
| KP | Kyoto Protocol |
| LSC | Local Stakeholder Consultation |
| LE | Leakage Emissions |
| LoA | Letter of Approval/Authorization |
| LPG | Liquefied Petroleum Gas |
| IPCC | Intergovernmental Panel on Climate Change |
| ISO | International Organization for Standardization |
| MOP | Meeting of Parties |
| MoC | Modalities of Communication |
| MoV | Means of Verification |
| MP | Monitoring Plan |
| MW | Mega Watt |
| NCV | Net Calorific Value |
| NGO | Non-Governmental Organisation |
| NRB | Non-renewable Woody Biomass |
| ODA | Official Development Assistance |
| PoA | Programme of Activities |
| PE | PoA Emissions |
| PO | Purchase Order |
| PSU | Primary Sampling Units |
| QA/QC | Quality Assurance/Quality Control |
| RfR | Request for Registration |
| SD | Sustainable Development |
| SME | Small and Medium Enterprise |
| T&C | Technical & Certification |
| TJ | Tera Joule |

| | |
|--------|---|
| UNDP | United Nations Development Programme |
| UNFCCC | United Nations Framework Convention on Climate Change |
| VVS | Validation & Verification Standard |
| VT | Validation / Verification team |
| WBT | Water Boiling Test |

Appendix 2. Competence of team members and technical reviewers

| | | | |
|---|---|-----------------------|-------------------------------------|
| Personnel Name: | | Oliver Quireza | |
| Qualified to work as: | | | |
| Team Leader | <input checked="" type="checkbox"/> | Technical Expert | <input checked="" type="checkbox"/> |
| Validator/Verifier | <input checked="" type="checkbox"/> | Financial Expert | <input type="checkbox"/> |
| Technical Reviewer | <input checked="" type="checkbox"/> | Local Expert (Mexico) | <input checked="" type="checkbox"/> |
| Area(s) of Technical Expertise | | | |
| Sectoral Scope | Technical Area | | |
| Energy industries (renewable/non-renewable sources) | TA 1.2: Energy generation from renewable energy sources | | |
| Waste Handling and Disposal | TA 13.1 Waste Handling and Disposal TA 13.2 Manure | | |
| Energy Demand | TA 3.1. Energy demand | | |
| Approved by (Manager C & T) | Sanjay Kandari | | |
| Approval date: | 18/01/2021 | | |

| | | | |
|---|--|-----------------------|-------------------------------------|
| Personnel Name: | | Sanjay Kandari | |
| Qualified to work as: | | | |
| Team Leader | <input checked="" type="checkbox"/> | Technical Expert | <input checked="" type="checkbox"/> |
| Validator/Verifier | <input checked="" type="checkbox"/> | Financial Expert | <input checked="" type="checkbox"/> |
| Technical Reviewer | <input checked="" type="checkbox"/> | Local Expert (India) | <input checked="" type="checkbox"/> |
| Area(s) of Technical Expertise | | | |
| Sectoral Scope | Technical Area | | |
| Energy Industries (renewable/non-renewable sources) | TA 1.1: Thermal energy generation from fossil fuels and biomass including thermal electricity from solar | | |
| Energy industries (renewable/non-renewable sources) | TA 1.2: Energy generation from renewable energy sources | | |
| Energy demand | TA 3.1. Energy Demand | | |
| Waste Handling and Disposal | TA 13.1 Waste Handling and Disposal TA 13.2 Manure | | |
| Approved by (Manager C & T) | Akhilesh Joshi | | |
| Approval date: | 11/12/2015 | | |

Appendix 3. Documents reviewed or referenced

| No. | Author | Title | References to the document | Provider |
|-----|--------|--|---|----------|
| 1. | PP | Revised PoA-DD, | Version 04, dated 09/06/2021 | PP |
| 2. | UNFCCC | Glossary “CDM terms” – version 10.0 | https://cdm.unfccc.int/Reference/old_reg.html | Other |
| 3. | IPCC | 1. 1996 IPCC Guidelines for National Greenhouse Gas Inventories: work book 2. 2006 IPCC Guidelines for National Greenhouse Gas Inventories: work book | www.ipcc-nggip.iges.or.jp | Other |
| 4. | UNFCCC | Kyoto Protocol (1997) | http://unfccc.int/kyoto_protocol/items/2830.php | Other |
| 5. | UNFCCC | Decision 3/CMP. 1 (Marrakesh – Accords) | http://cdm.unfccc.int/Reference/COPMOP/index.html | Other |
| 6. | UNFCCC | AMS-II.G Energy efficiency measures in thermal applications of non- renewable biomass --- Version 11.1 | https://cdm.unfccc.int/methodologies/DB/ZI2M2X5P7ZLRGFO37YBVDYO/W62UHQ | Other |
| 7. | UNFCCC | Methodological Tools: TOOL19: “Demonstration of additionality of micro-scale project activities” Version 09.0 TOOL30: “Calculation of the fraction of non-renewable biomass” Version 03.0 | http://cdm.unfccc.int/Reference/tools/index.html | Other |
| 8. | UNFCCC | CDM Project Standard for programs of activities – version 2.0 | https://cdm.unfccc.int/Reference/old_reg.html | Other |
| 9. | UNFCCC | Standard for sampling and surveys for CDM project activities and programme of activities, version 9 | https://cdm.unfccc.int/Reference/old_reg.html | Other |
| 10. | UNFCCC | CDM Validation and Verification Standard for Programmes of -activities– version 02.0 | https://cdm.unfccc.int/Reference/old_reg.html | Other |
| 11. | CME | Modalities of Communication form, project African Cookstoves Initiative Programme of Activities, dated 23/11/2020 | - | CME |
| 12. | DNA | Letters of Approval and authorization issued by the DNAs: -Senegal, 27/11/2020 -Côte d'Ivoire, 23/10/2020 -Guinea Bissau, 06/11/2020 -Guinea Conakry, 10/11/2020 -Kenya, 30/07/2021 for “The African Cookstoves Initiative Programme of Activities” Including the authorization to Allcot AG as CME | - | PP |
| 13. | CME | ✓ Programme of Activities design document: “The African Cookstoves Initiative Programme of Activities, Version 3.6, 30/12/2020 ✓ Programme of Activities design document: “The African Cookstoves Initiative Programme of Activities, Version 4.0, 09/06/2021 | https://cdm.unfccc.int/ProgrammeOfActivities/poa_db/6X1KGIFE05CLRO7HT9DJZPMQSU28AY/view | CME |

| | | | | |
|-----|---------|--|---|-------|
| 22. | - | DNA of Senegal, Côte d'Ivoire, Guinea Bissau, Guinea Conarky and Kenya | http://www.denv.gouv.sn/ http://www.mdpcotediv.ore.org/ https://www.nema.go.ke/ | Other |
| 23. | - | UNFCCC | http://cdm.unfccc.int | Other |
| 24. | Several | <p>Baseline background investigation:</p> <p>Côte d'Ivoire Clean Cooking fuels- Driving investment, awareness and scale, Seema N. Patel NAMA study for a sustainable charcoal value chain, UNCP</p> <p>Senegal Promotion of Climate-friendly Cooking in Kanya and Senegal, 2019, Green Climate Fund project proposal E&SA</p> <p>Guinea Bissau, Guinea Conarky Clean and improved cooking in Sub-Sahara Africa by ACCES, Nov 2014</p> <p>Kenya Have Improved Cookstoves Benefited Rural Kenyans?, ESMAP, WB Market mapping for ICS, barriers and opportunities in East Africa, 2019, Reutledge, Development in Practice. Adoption of improved biomass stoves in Kenya; a transect-based approach in Kimbu and Muranga counties</p> | https://openknowledge.worldbank.org/handle/10986/22521 | Other |

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

Table 1. CLs from this validation

| CL ID | XX | Section no. | Date: DD/MM/YYYY |
|--------------------------------------|----|-------------|-------------------------|
| Description of CL | | | |
| CME's response | | | Date: DD/MM/YYYY |
| Documentation provided by CME | | | |
| DOE assessment | | | Date: DD/MM/YYYY |

Table 2. CARs from this validation

| CAR ID | 01 | Section no. | B.1 | Date: 23/04/2021 |
|---|----|-------------|-----|-------------------------|
| Description of CAR | | | | |
| Summary of the PRC has not been provided in Appendix 7 of the updated PDD. | | | | |
| Project participant response | | | | Date: 26/04/2021 |
| The summary of the PRC requested has been added to the section corresponding. | | | | |
| Documentation provided by project participant | | | | |
| PoA-DD v4 | | | | |
| DOE assessment | | | | Date: 11/05/2021 |
| The summary provided in Appendix 7 of the corrected PoA-DD is now found in line with the template to fulfil the PoA-DD. | | | | |

Table 3. FARs from this validation

| FAR ID | XX | Section no. | Date: DD/MM/YYYY |
|--------------------------------------|----|-------------|-------------------------|
| Description of FAR | | | |
| CME's response | | | Date: DD/MM/YYYY |
| Documentation provided by CME | | | |
| DOE assessment | | | Date: DD/MM/YYYY |

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Document information

| Version | Date | Description |
|---------|------------------|---|
| 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 programmes of activities" (CDM-EB93-A08-STAN); Make editorial improvements. |
| 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). |

| <i>Version</i> | <i>Date</i> | <i>Description</i> |
|--|-------------|----------------------|
| 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 | | |