

**SMALL-SCALE CDM PROGRAMME ACTIVITY DESIGN DOCUMENT FORM  
(CDM-SSC-CPA-DD) - Version 01**



**NAME /TITLE OF THE PoA:**

African Improved Cooking Stoves Programme of Activities



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**CLEAN DEVELOPMENT MECHANISM  
SMALL-SCALE PROGRAM ACTIVITY DESIGN DOCUMENT FORM (CDM-SSC-CPA-DD)  
Version 01**

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Annex 2: Information regarding public funding

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**NOTE:**

- (i) This form is for submission of CPAs that apply a small scale approved methodology using the provision of the proposed small scale CDM PoA.
- (ii) The coordinating/managing entity shall prepare a CDM Small Scale Programme Activity Design Document (CDM-SSC-CPA-DD)<sup>1,2</sup> that is specified to the proposed PoA by using the provisions stated in the SSC PoA DD. At the time of requesting registration the SSC PoA DD must be accompanied by a CDM-SSC CPA-DD form that has been specified for the proposed SSC PoA, as well as by one completed CDM-SSC CPA-DD (using a real case). After the first CPA, every CPA that is added over time to the SSC PoA must submit a completed CDM-SSC CPA-DD.

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<sup>1</sup> The latest version of the template form CDM-CPA-DD is available on the UNFCCC CDM web site in the reference/document section.

<sup>2</sup> At the time of requesting validation/registration, the coordinating managing entity is required to submit a completed CDM-POA-DD, the PoA specific CDM-CPA-DD, as well as one of such CDM-CPA-DD completed (using a real case).

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**SECTION A. General description of small scale CDM programme activity (CPA)**

**A.1. Title of the small-scale CPA:**

African Improved Cooking Stoves Programme of Activities – CPA No. ##### (state identification number of CPA) (### state country in which the CPA takes place)

##/##/#### (date)

Version #.#

**A.2. Description of the small-scale CPA:**

The purpose of this CDM Programme Activity (CPA) is the dissemination of improved cooking stoves (ICS) in ### state country in which the CPA takes place. The CPA will replace cooking stoves using ### (state fuel type/s) with more efficient stoves using ### (state fuel type/s – wood, charcoal or both).

Stoves disseminated under this CPA are ### (state type of stoves – portable, fixed or both) serving ### (state user groups – domestic, commercial or both) ### (state fuel type/s) users. These ICS are more efficient in transferring heat from the fuel to the pot, thus saving fuel ### (state fuel type/s – wood, charcoal or both) compared to the ### (state fuel type/s – wood, charcoal or both) stoves currently used by ### (specify the end user group). Furthermore, the ICSs applied in this CPA have been designed not only to increase heat transfer, but also to match traditional utensils and cooking habits in ### state country in which the CPA takes place. ### (provide any further information regarding design – e.g. suited to local cooking preferences)

In line with CDM methodology AMS-II.G v.3 it is assumed that in the absence of the programme activity, the baseline scenario would be the use of fossil fuels for meeting similar thermal energy needs. Therefore, by reducing the amount of fuel required for cooking, the replacement of ### (state type of stoves to be replaced – traditional, less efficient ICS or both) stoves by ICS reduces the amount of greenhouse gases (GHG) (CO<sub>2</sub>) emitted into the atmosphere due to reduction of non-renewable woody biomass use by the ICS.

The proposed CPA is a voluntary action undertaken by the Coordinating/Managing Entity (CME), Envirofit International Ltd (Envirofit), a company based in the United States of America, and implemented by ### (state company's/-ies' name/s), the Distributing Organisation (DO), an organisation based in ### (state country in which the CPA takes place).

The CPA will have a maximum energy saving of less than or equal to ## GWh<sub>th</sub>/year, thus staying within the ### (enter micro-scale or small-scale) threshold.<sup>3</sup> Based on the estimated energy savings, it is envisaged that about ### (state estimated number of stoves to be distributed) stoves will be distributed under the CPA.

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<sup>3</sup> Note: since the threshold is expressed in MWh<sub>electric</sub> (## 20/60 GWh/year), for type II project activities a factor of 3 is used for the conversion of electric to thermal installed capacity and hence the ## (micro/small) scale threshold for CPA energy savings is ## 60/180 GWh<sub>thermal</sub> per year. This approach was confirmed by the SSC-CDM Working Group in regards to the application of methodology AMS-II.G (Clarification F-CDM-SSCwg ver 01 SSC\_233).

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### (outline the anticipated ICS distribution schedule, indicating the time period over which the total amount of units to be distributed will be operational. If not all ICS units will be in operation by the start of the CPA crediting period, then outline how the phased distribution will be accounted for in the emissions reduction (ER) calculations. For example, if only half the ICS units are operational from the start of the first year of the crediting period, but 100% of them are in operation by the start of the second year, then the ERs must be reduced by 50% for the first year.)

The proposed CPA will be developed and implemented by ### (the DO), which has signed a contractual agreement with Envirofit (the CME) to participate in the PoA.

*Contribution of the proposed CPA to sustainable development (Add any relevant additional country specific information)*

Environmental benefits:

- *Greenhouse gas reductions:* The CPA will result in GHG reductions because it will reduce the consumption of non-renewable biomass in ### (state country in which the CPA takes place) where the biomass harvested for fuel use is typically non-renewable, as will be demonstrated below.
- *Air quality:* Users (especially women and children) will be exposed to fewer air pollutants through reduced emission of not only CO<sub>2</sub>, but also carbon monoxide (CO) and particulate matter. Air pollution from cooking with solid fuel is a key risk factor for childhood pneumonia as well as many other respiratory, cardiovascular and ocular diseases. According to the “Emissions and Performance Test Protocol”, with emissions measurements based on the stove testing protocol developed by Colorado State University the average CO emissions results of the ICS to be installed show a percentage improvement of ### (state range of emissions reduction for applicable stove types compared to the relevant stove in that country).
- *Biodiversity:* will be improved as the CPA reduces pressure on remaining forest reserves. ### (Provide any further information on the link between solid fuel consumption and biodiversity impacts).

*(Add any relevant additional country specific information about environmental benefits)*

Social and Economic benefits:

- *Employment:* The CPA will give rise to employment opportunities for ### (Add any relevant information regarding job creation in the host country)
- *Livelihood of the poor:* The circumstances of poor families will be improved since the project stoves reduce the amount of spending on fuel, providing financial savings over the medium-long term. Reduction in fuel consumption implies relief from drudgery and more opportunity for productive activity, education and family life arising from less time spent collecting fuel.
- *Access to energy services:* The ICS to be distributed require less fuel, which in many areas can be a scarce resource or very expensive to buy. The ICS are more convenient, due to shortening of the required cooking time.
- *Human and institutional capacity:* The CPA will facilitate capacity development among

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### (Add details of employment, use of contractors, training to be provided etc)

(Add any relevant additional country specific information about social and economic benefits)

**A.3. Entity/individual responsible for the small-scale CPA:**

The entity responsible for the proposed CPA is ### (state company's/-ies' name/s), based in ### (state city), ### (state country) (see Annex 1 for details). ### is the Distributing Organisation (DO). ### (state company's/-ies' name/s) ### (state is/is not) a registered project participant.

Envirofit International Ltd (Envirofit) is the coordinating/managing entity (CME) of the PoA. Envirofit is a registered Project Participant and the Focal Point for the PoA.

**A.4. Technical description of the small-scale CPA:**

(Add a short section about the baseline situation in the country, including the reliance on woody biomass and the types of stoves currently in use).

The CPA will replace ### (specify the end users, location and the type of stoves – woodfuel, charcoal or both - that are to be replaced and the type of stoves they are being replaced with and the end user group). The CPA will be implemented according to version 3.0 of the approved methodology AMS. II.G - Energy Efficiency Measures in Thermal Applications of Non-Renewable Biomass. This category comprises appliances involving efficiency improvements in the thermal applications of non-renewable biomass. Examples of these technologies and measures include the introduction of the advanced improved cooking stoves such as those produced by ### (state company's/-ies' name/s of ICS to be distributed in the CPA).

Below are pictures of ### (state company's/-ies' name/s and type of ICS to be distributed in the CPA) that are envisaged to be distributed in this CPA.

Figure #: ### (title of diagram)

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### (Provide a brief technical description of how the ICS to be distributed in the CPA reduces emissions, including greenhouse gas emissions, carbon monoxide emissions, and provide average thermal efficiencies etc)

***Operational and management plan***

**Contractual obligations**

The CME will coordinate the activities to be undertaken by the DO under this CPA. As part of the inclusion of the CPA under the PoA, an agreement will be signed by the DO - ### (state if only representing the DO itself or other contractors) - and the CME. The agreement will include, but is not limited to the following:

- (i) Commercial arrangements between the CME and the DO;
- (ii) ### (state ownership/transfer of the carbon emission reduction rights);
- (iii) Specific provisions and declarations that the CPA developer agrees that their activity is being integrated into the PoA;
- (iv) Requirements that the CPA is implemented within the regulations and policy requirements of the host countries;
- (v) The DO's CDM-specific responsibilities and deliverables during the stove distribution to ensure accurate collection of information from customers;
- (vi) A declaration that the CPA has not and will not be registered as a single CDM project, CPA of another PoA or a voluntary carbon market project; and
- (vii) Provisions outlining the consequences of non-compliance with the above requirements.

**Training and guidance**

Suitable training will be provided by the CME to ensure that the DO is fully aware of the rules of the PoA and the correct protocol to be followed during ICS distribution, data collection and ex-post monitoring activities.<sup>4</sup> This includes provision of a *Distribution Manual* to guide the DO and any third parties sub-contracted by the DO. The DO will provide training of sub-contractors itself.

**Distribution model**

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<sup>4</sup> A third party maybe involved beside or instead of the DO in the ex-post monitoring. In this case the training would need to be provided to the third party. More information will be provided in the Monitoring Manual.

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### (Describe the distribution arrangements between the DO and the CME)

### (Add additional relevant information on the distribution model to be implemented by the DO.)

(Provide an organisational diagram for the distribution model to be implemented by the DO.)

###  
Figure 2: ### (title of diagram)

### Collection of data

The ### (state responsible person/people/institution etc.) will be trained by the DO to ensure correct procedures are fulfilled during the distribution. The DO is fully responsible to ensure the correct distribution process and data gathering, as is required of the DO by its agreement with the CME.

Figure ## (Provide a diagram of the operational and management structure of the PoA/CPA) below provides a graphical overview of the operational and management structure described above, showing responsibilities for distribution, data collection and data verification.

### (state responsible person/people/institution etc.) will be required to collect a range of information from each customer to ensure that the customer in question is not registered as part of another CDM project, that the customer is not double counted within the same CPA and to enable tracking of the stove during monitoring.

The following information is to be recorded by ### (state specific responsible party involved in collecting information - person/people/institution etc.) in each CPA Distribution Record ### (state the nature of this Record – paper based or other, e.g. SMS or internet-based) at the time of distribution:

- Name/Identification of end user;
- Geographical location of stove (### if possible specify the approach);
- Serial ID number of the ICS (### specify where this will be shown);
- Type of old stove being replaced (###) (clarify what is to be recorded eg. the stove type – conventional or improved – and/or the fuel type – wood or charcoal);
- Date of distribution.

### (Note: the above is the minimum information required. Please also specify any further information to be collected – for example, phone number of the end-user, or other supporting information – for example, alternative means of locating stoves, ICS stove model being distributed, Distributor ID number etc; specify means of identifying ICS belong to the specific CPA/PoA)

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*Enter a diagram of the operational and management structure of the PoA/CPA*

Figure #: ### (title of diagram)

*Add any additional relevant information on the data collection.*

### **Transfer of carbon rights**

At the time of sale, the ### (state responsible person/people/institution etc.) will obtain the customer's approval to assign his or her ### (describe how and to whom ownership of carbon rights will be transferred).

*Add any additional relevant information.*

### **Transfer of information to the CME**

The data contained in CPA Distribution Records will be compiled by the DO ### (describe how data will be provided to the CME and provide any further information on the format or reporting basis).

*Add any additional relevant information.*

### **Incentive structure**

### (Identify the responsible persons/institutions and describe how they are incentivized to fill out the CPA Distribution Records correctly. Also describe how any intermediate persons/institutions etc responsible for ICS distribution will help ensure completeness, accuracy of information obtained from customers, the financial incentives linked to data correctness etc). ### (Identify the DO) is responsible for ensuring the completeness and accuracy of the information provided by the ### (state responsible person/people/institution etc.) prior to compiling a CPA Distribution Report and transferring the collected data to the CME.

*Add any additional relevant information.*

### **CME responsibilities**

The CME will keep a record of the serial numbers of the ICS units distributed by the DO under this CPA and all other CPAs under the PoA. This will enable cross-checking of data provided by each of the DOs to ensure no double counting of stoves across CPAs. If erroneous CPA Distribution Records are identified (e.g. inconsistency between sales claimed by DO and stove serial numbers supplied to the DO) these will not be included in the emissions reduction calculations. Double counting of emissions reductions will be avoided because each CPA and each ICS distributed will have a unique identification number. The CME will maintain the information required for emissions reduction



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calculations and verification in a secure electronic database, the “PoA Distribution and Monitoring Database”.

### (Describe the system in place, procedures for secure management of information stored on database etc)

**Archiving**

The DO will ### (describe treatment of original CPA Distribution Records, whether paper-based or not, so as to ensure archiving of originals). The CME will ensure that all CPA Distribution Records (either original or scanned copy of original) are archived securely to enable verification by the DOE at a later point in time. Archives will be maintained for ### (provide details of archiving). A copy of the PoA Distribution and Monitoring Database will be kept in an electronic format.

**A.4.1. Identification of the small-scale CPA:**

African Improved Cooking Stoves Programme of Activities - CPA No. ##### (state specific identification number of CPA) (### state country in which the CPA takes place)

**A.4.1.1. Host Party:**

### Enter name of host country

**A.4.1.2. Geographic reference or other means of identification allowing the unique identification of the small-scale CPA (maximum one page):**

The boundary of the proposed CPA is determined by the location of the individual ### (specify the end user premises where ICS will be located, eg. households, businesses etc) where the ICSs are distributed and is limited to the territorial area of the host country, ### (Enter name of host country and provide GPS coordinates – use the coordinates for the capital as a default unless the distribution is to be based out of another specific location)

Enter a map of the host country

Figure #: ### (title of diagram)

The identification of each ICS distributed is possible through the unique serial number attached to each stove, which will be uniquely assigned to an end user within the CPA.

### (If possible, refer to and include a photograph showing the ID number plate or other means of uniquely identifying the stove)

This information will be stored securely by the CME in the PoA Distribution and Monitoring Database and will be available at DOE at during verification. Thus the CPA is uniquely defined by its geographic location, the stove ID numbers belonging to it and the associated end user locations.



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**A.4.2. Duration of the small-scale CPA:**

**A.4.2.1. Starting date of the small-scale CPA:**

##/##/20## (specify the starting date of the CPA which is the date of first real action taken, or the date of first ICS distributed. Note: start date must not be prior to 13 December 2011.)

**A.4.2.2. Expected operational lifetime of the small-scale CPA:**

## years. (specify the duration of the CPA and provide any relevant information to justify this choice)

**A.4.3. Choice of the crediting period and related information:**

### (specify crediting period – renewable or fixed)

**A.4.3.1. Starting date of the crediting period:**

##/##/20##

The expected crediting period starting date is ### which is the expected date of inclusion of the CPA in the PoA.

**A.4.3.2. Length of the crediting period, first crediting period if the choice is renewable CP:**

### (specify crediting period – renewable 3 times 7 years or single 10 years)

**A.4.4. Estimated amount of emission reductions over the chosen crediting period:**

Years	Annual estimation of emission reductions (in tonnes of CO <sub>2</sub> e)
Year #	###
Year #	###
Year #	###
Year #	###
Year #	###
Year #	###
Year #	###
<b>Total estimated reductions (tonnes of CO<sub>2</sub>e)</b>	###
Total number of crediting years	#
<b>Annual average over the crediting period of estimated reductions (tonnes of CO<sub>2</sub>e)</b>	###

See emissions reduction spreadsheet for more detailed information on the underlying assumptions and calculation steps for emission reduction calculation and the energy savings associated with each stove.

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**A.4.5. Public funding of the CPA:**

### (state if any public funding was provided for the implementation of the CPA – yes/no – and details if yes)

**A.4.6. Information to confirm that the proposed small-scale CPA is not a de-bundled component**

In accordance with paragraph 9 of Annex 32 to the EB47 Report, "Guidance for determining the occurrence of de-bundling under a Programme of Activities (PoA)," if each independent subsystem/measures included in the CPA of a PoA is no greater than 1% of the small scale threshold defined by the methodology applied, then that CPA of the PoA is exempted from performing the de-bundling check, i.e. considered as being not a de-bundled component of a large scale activity.

The small scale threshold, as defined by AMS-II.G V.3, is a maximum energy saving of 180 GWh<sub>th</sub>/year. Hence, 1% of the threshold is 1.8 GWh<sub>th</sub>/year. The estimated energy savings contributed by each ICS is only around ## MWh<sub>th</sub>/year, which is around 0.##% of 180GWh<sub>th</sub>/year (see emissions calculation spread sheet). Therefore, the CPA is exempted from the de-bundling check since the savings from the individual units by far do not exceed 1% of the SSC threshold.

**A.4.7. Confirmation that small-scale CPA is neither registered as an individual CDM project activity or is part of another Registered PoA:**

The CPA is neither registered as an individual CDM project activity nor is it part of another registered PoA. All ICS units distributed under this CPA are uniquely identifiable by a serial number and can be located on the basis of the information that will be collected and maintained by the CME.

**SECTION B. Eligibility of small-scale CPA and Estimation of emissions reductions**

**B.1. Title and reference of the Registered PoA to which small-scale CPA is added:**

African Improved Cooking Stoves Programme of Activities

**B.2. Justification of the why the small-scale CPA is eligible to be included in the Registered PoA:**

The CPA meets all the eligibility criteria for inclusion as outlined in Section A.4.2.2. of the PoA-DD. This is demonstrated below:

No.	Eligibility criteria		Means of proof	Confirmation
	Description	Conditions to be met		

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1.	Boundary and location of the CPA	The CPA is located within the boundary of one of the countries within the PoA boundary.	Location and boundary is specified in the specific CPA-DD and supported with GPS coordinates.	<p><b>Yes/No</b></p> <p>(CPA is limited to ### (enter host country name), a country being within the PoA boundary, ### as listed in section A.4.1.1 of the PoA-DD)</p>
2.	Avoiding double counting	The CPA includes a means of uniquely identifying the stoves to be distributed and the end-users who will receive stoves. This shall ensure no double counting of stoves within the PoA and ensure that stoves can be identified as belonging to this PoA and not to a PoA managed by any other CME.	<p>Photo or similar proof that stoves have a unique serial ID number or other means of identification.</p> <p>For first CPA, document to be provided: stove sales receipt (“CPA Distribution Record”) showing CME and DO logos, end user details including name and address and stove ID number.</p> <p>For all subsequent CPAs, in addition to the sales receipt the programme logo shall be displayed on the stoves.</p>	<p><b>Yes/No</b></p> <p>### Confirmation that the stoves to be distributed each have a unique serial ID number, or some other means of uniquely identifying them, confirmation that sales receipt has been provided, and proof that programme logo is attached to stoves</p>
3.	Applicability of Methodology AMS-II.G - Technology type	<p>The ICS uses one of the following fuel types:</p> <ul style="list-style-type: none"> <li>• Wood fuel</li> <li>• Charcoal</li> </ul>	Technical specification of ICS provided	<p><b>Yes/No</b></p> <p>Add specific information and/or references</p>
4.	Applicability of Methodology	The ICS has a minimum efficiency of 20% (AMS II.G, Version 3, para 1)	Technical specification of ICS provided (either from	<p><b>Yes/No</b></p> <p>Add specific</p>

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	AMS-II.G – Minimum ICS efficiency/ specifications of technology including the level and type of service		manufacturer's specifications or test results using the Emissions & Performance Test Protocol (EPTP) <sup>5</sup> )	<i>information and/or references</i>
5.	Start date of CPA	The CPA start date shall be after the PoA validation start date (i.e. not prior to 13 December 2011, which was the date the PoA was made available online on the UNFCCC website for global stakeholder consultation).	The start date of the CPA will be specified in each CPA-DD and an appropriate proof will be provided (e.g. this could include, but need not be limited to a document showing the stove shipping date, document showing date on which local assembly started or some other means).	<b>Yes/No</b>  (CPA start date is <b>##/##/20##</b> ) <i>Add specific information and/or references</i>
6.	Applicability of Methodology AMS-II.G - Non-renewable biomass in use since Dec 1989	The first CPA in each country will demonstrate that non-renewable biomass has been in use since December 1989.	At least two of the factors listed in paragraph 10 of methodology AMS-II.G v.3 are shown to exist in the country	<b>Yes/No</b>  <i>Add specific information and/or references</i>

<sup>5</sup> Available at

<http://cdm.unfccc.int/filestorage/I/Z/X/IZX36AE84V1K5NOYQBSU0TWRHD2FGL/Stove%20Emissions%20and%20Performance%20Test%20Protocol.pdf?t=SnJ8bWU1N2V6fDCRpTW1-IHHWKJnPIObQUhM>

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7.	Additionality of CPAs	<p>The CPA shall satisfy the latest version of the “Guidelines on the demonstration of additionality of small-scale project activities”.</p> <p>Depending on whether the CPA is small scale or micro-scale, the CPA shall satisfy one of the two additionality tests below (test 1 is for micro-scale CPAs and test 2 is for small-scale CPAs):</p> <p>1. If the CPA size is below 60 GWh<sub>th</sub>/year:</p> <p>(a) The geographic location of the project activity is a LDC/SID or special underdeveloped zone of the host country as identified by the Government before 28 May 2010; or</p> <p>(b) The project activity is an emission reduction activity with both conditions (i) and (ii) satisfied;</p> <p>(i) Each of the independent subsystems/measures in the project activity achieves an estimated annual emission reduction equal to or less than 1.8 GWh<sub>th</sub>/year; and</p> <p>(ii) End users of the subsystems or measures are households/communities/SMEs.</p> <p>2. If the CPA size is between 60 and 180 GWh<sub>th</sub>/year:</p> <p>(a) End users of the subsystems or measures are households/communities/SMEs; and</p> <p>(b) Each of the independent subsystems/measures in the project activity achieves an estimated annual emission reduction equal to or less than 9 GWh<sub>th</sub>/year.</p>	<p>The level of energy savings from the individual sub-systems and the overall CPA are estimated using an Excel sheet or similar tool; the location of the CPA is defined in the CPA-DD; the end user groups are defined in the CPA-DD.</p>	<p><b>Yes/No</b></p> <p><i>Specify which test is applied – test 1 or test 2 – and how the additionality requirements have been met</i></p>
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8.	Official Development Assistance (ODA)	The CPA is either: a) not receiving any funding from Annex I parties; or b) the Annex I party funds do not result in a diversion of ODA.	a) Confirmation by the DO or CME b) Confirmed by the LoA of the host country	<b>Yes/No</b> <i>Add specific information and/or references</i>
9.	End-user group	The CPA is either aimed at households, community organisations (eg. schools) or small/medium enterprises.	The CPA-DD specifies the target end-user group and the appropriate baseline. (also see EC#17).  Supporting documents could include but need not be limited to a copy of the CME's contract with the DO and/or agreements with distributors used by the DO.	<b>Yes/No</b> <i>Specify the end user group for the CPA and the proof provided</i>
10.	Sampling	Sampling of stoves within the CPA must meet the requirements of AMS-II.G v.3 and the "Standard on Sampling and Surveys for CDM Projects and Programmes of Activities" (the Sampling Standard).	The CPA-DD either specifies a) sampling will be undertaken as part of the PoA Sampling Plan, or b) if CPA-specific sampling is to be undertaken, the CPA Sampling Plan must meet the requirements of AMS-II.G v.3 and the Sampling Standard. The CPA-specific sampling approach shall follow the approach outlined in the PoA Sampling Plan except where the methodology AMS-II.G and/or the Sampling Standard call for a different	<b>Yes/No</b> <i>Specify the option that has been selected a) or b) and refer to either the PoA-DD (in the case of a) or the Section of the CPA-DD (in the case of b)</i>

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			approach.	
11.	SSC Limit for CPAs	<p>The annual energy savings of each CPA shall not go beyond the limits of 180 GWh<sub>th</sub>/year over the entire crediting period.</p> <p>In the case of using option 1 to prove additionality under Eligibility Criteria 7, the limit shall be 60 GWh<sub>th</sub>/year over the entire crediting period.</p>	The maximum number of ICS will be determined in each CPA-DD depending on the technology used (excel sheet will be provided to show calculated energy savings). If a CPA exceeds the applicable limit in any year, the claimable emission reduction shall be capped based on the estimated GHG reductions in the CPA-DD <sup>6</sup> .	<p><b>Yes/No</b></p> <p><i>(state which threshold applies – 180 GWh<sub>th</sub>/year for small scale or 60 GWh<sub>th</sub>/year for microscale and refer to document where it is demonstrated that the threshold is not exceeded)</i></p>
12.	Exempted from de-bundling	Each ICS reduces energy consumption by less than 1% of the SSC threshold of 180GWh, or 1.8 GWh <sub>th</sub> /year <sup>7</sup> .	Specific energy savings for the applied ICS estimated using Excel sheet or similar tool.	<p><b>Yes/No</b></p> <p><i>Add specific information and/or refer to document where it is demonstrated that the threshold is not exceeded</i></p>
13.	Contractual agreement	The DO has signed a contractual agreement with the CME to participate in the PoA. This agreement:	Contractual agreement in place between the DO and the CME including	<p><b>Yes/No</b></p> <p><i>Add specific information</i></p>

<sup>6</sup> As per EB 65, Annex 5, paragraph 83.

<sup>7</sup> According to the “Guidelines on assessment of debundling for SSC project activities, v03 (EB 54, Annex 13, par. 10) for determining the occurrence of debundling under a Programme of Activities (PoA)”, if each of the independent subsystem/measures included in the CPA of a PoA is not larger than 1% of the small scale threshold defined by the methodology applied, then that CPA of the PoA is exempted from performing de-bundling check, i.e. considered as being not a de-bundled component of a large scale activity.



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		<ul style="list-style-type: none"> <li>defines the ownership of the carbon emission reduction rights</li> <li>covers the DO's distribution and monitoring related responsibilities</li> <li>confirms that the ICS to be distributed under the CPA have not and will not be distributed under any other carbon project (CDM project, PoA or voluntary carbon market project)</li> <li>cedes the DO's rights to the carbon credits generated from CPAs under the PoA to the CME</li> </ul>	<p>the CDM-specific responsibilities of the DO (e.g. in an Annex to the contract).</p> <p>If the CME is implementing the CPA itself, then this is not necessary.</p>	<p><i>and/or refer to document where the CDM related responsibilities are defined</i></p>
14.	Local Stakeholder Consultation	A Local Stakeholder Consultation (LSC) must be conducted prior to inclusion of the CPA in the PoA. If a LSC has already been done at the national level for the first CPA in the country, and the LSC covered the issues relevant to this CPA, then the LSC does not need to be done again.	Copy of the report for the LSC that was conducted either for the first CPA in the country or for the particular CPA to be included in the PoA.	<p><b>Yes/No</b></p> <p><i>Specify whether LSC has already been conducted in an earlier CPA or if not state whether LSC report is provided</i></p>
15.	Environmental Analysis	An Environmental Analysis must be conducted prior to inclusion of the CPA in the PoA. If the Environmental Analysis has already been done at the national level for the first CPA in the country, and the analysis covered the issues relevant to this CPA, then the analysis does not need to be done again. Similarly, if an exemption has been obtained from a government agency exempting the CME from having to conduct an Environmental Impacts Assessment for the first CPA, then this shall count for all subsequent CPAs.	If required, a copy of the EIA or exemption that was obtained either for the first CPA in the country or for the particular CPA to be included in the PoA.	<p><b>Yes/No</b></p> <p><i>Specify if EA has been conducted in an earlier CPA or if not state whether EA has been completed</i></p>
16.	CPA crediting period does not exceed PoA life	The duration of the crediting period of each CPA to be included in the PoA shall not exceed the end date of the registered PoA.	CPA-DD shall indicate the duration of the CPA crediting period, either for a single 10 year crediting period or a	<p><b>Yes/No</b></p> <p><i>State the end date of crediting and confirm that this is not past the</i></p>

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			7 year renewable crediting period. The final date for which CERs can be credited shall be no later than 28 years after the date of registration of the PoA.	<i>end date of the registered PoA.</i>
17.	Baseline parameters to be established at CPA level	Each CPA shall demonstrate how the baseline parameters that are to be calculated at the CPA level have been determined, and shall do so applying the following the approaches: a) $f_{NRB}$ : as per the approach outlined in detail in Annex 3 or using default values where available/approved by the host country DNA; b) $B_{old}$ : as per the approach outlined in Section E.6.2, applying Option (a) of paragraph 7 of AMS-II.G v.3, using either historical data or a survey of local usage; c) $n_{old}$ : as per the approach outlined in E.6.2, applying Option 2 of paragraph 6 of AMS-II.G v.3, using either national statistics, literature values or through representative sampling.	CPA-DD shall outline the approach and provide supporting documents including copies of any official government reports, statistics or literature sources used for determining parameters. If local surveys or representative sampling are used then copies of questionnaires, sampling design etc shall be provided.	<b>Yes/No</b>  <i>Confirm the approach that has been taken for each of the key parameters</i>

**B.3. Assessment and demonstration of additionality of the small-scale CPA , as per eligibility criteria listed in the Registered PoA:**

A CPA which is to be included under the registered PoA is considered to be additional, provided that:

1. The CPA meets the eligibility criteria for inclusion of a CPA in the PoA as set in section A.4.2.2.

**###** *Confirm, that the CPA-DD in section B.2. proves that the CPA meets all eligibility criteria of the PoA.*

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2. The CPA is consistent with the current mandatory laws and regulations in the Host Country at the time of inclusion.

### Confirm, that CPA is consistent with the current mandatory laws and regulations in the Host Country at the time of inclusion.

In case of small-scale CPA: (Choose this option if relevant for the CPA, then provide details of the criteria which are being applied below where indicated)

For small-scale CPAs, the requirements of the latest “Guidelines on the demonstration of additionality of small-scale project activities” shall be met. At the time of writing, the relevant guidelines were

### Confirm the latest version of the Guidelines and specify the applicable requirements for demonstrating SSC additionality

Enter information/references if applicable

Enter information/references if applicable

In case of micro-scale-CPA: (Choose this option if relevant for the CPA, then provide details of the criteria which are being applied below where indicated)

The CPA is considered additional if it satisfies the latest micro-scale additionality requirements.

According to the ### Confirm the latest version of the Guidelines and specify the applicable requirements for demonstrating micro-scale additionality

Enter information/references if appropriate

**B.4. Description of the sources and gases included in the project boundary and proof that the small-scale CPA is located within the geographical boundary of the registered PoA.**

The project boundary is the geographical area where the ICS are distributed and in use and this is restricted to the geographical boundary of ### (enter host country name), which is located within the geographical boundary of the PoA. The table below illustrates the GHG emissions sources included:

Source		Gas	Included?	Justification / Explanation
Baseline	Combustion of non renewable biomass for cooking	CO <sub>2</sub>	Yes/No	### (state justification for inclusion/ non-inclusion)
		CH <sub>4</sub>	Yes/No	### (state justification for inclusion/ non-inclusion)
		N <sub>2</sub> O	Yes/No	### (state justification for inclusion/ non-inclusion)

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Project activity	Combustion of non renewable biomass for cooking	CO <sub>2</sub>	Yes/No	### (state justification for inclusion/ non-inclusion)
		CH <sub>4</sub>	Yes/No	### (state justification for inclusion/ non-inclusion)
		N <sub>2</sub> O	Yes/No	### (state justification for inclusion/ non-inclusion)

**B.5. Emission reductions:**

**B.5.1. Data and parameters that are available at validation:**

<b>Data / Parameter:</b>	Q <sub>biomass</sub>
<b>Data unit:</b>	Tonnes/year
<b>Description:</b>	Annual average biomass consumption per appliance
<b>Source of data used:</b>	### Add specific information and/or references
<b>Value applied:</b>	###
<b>Justification of the choice of data or description of measurement methods and procedures actually applied :</b>	### Add specific information and/or references
<b>Any comment:</b>	Used for calculation of B <sub>old</sub> as per paragraph 7 (a) of methodology  ### Add specific information and/or references

<b>Data / Parameter:</b>	f <sub>NRB, y</sub>
<b>Data Unit:</b>	Fraction
<b>Description:</b>	Fraction of biomass saved by the project activity in year y that can be established as non-renewable biomass using national or local statistics, survey results, studies, maps or other sources of information, such as remote-sensing data
<b>Source of data used:</b>	### Add specific information and/or references on source of data
<b>Value applied:</b>	###
<b>Justification of the choice of data or description of measurement methods and procedures actually</b>	As per applied methodology AMS-II.G, v.3, f <sub>NRB</sub> is calculated by applying the following formula: $f_{NRB} = \frac{NRB}{(NRB + DRB)}$

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applied :	NRB: Non-renewable woody biomass DRB: Demonstrably renewable woody biomass ### Add specific information and/or references on determination of values
Any comment:	-

<b>Data / Parameter:</b>	NCV <sub>biomass</sub>
Data unit:	TJ/tonne
Description:	Net calorific value of the non-renewable biomass that is substituted
Source of data used:	AMS-II. G version 03, page 2
Value applied:	0.015
Justification of the choice of data or description of measurement methods and procedures actually applied :	Default value as prescribed by methodology applied
Any comment:	-

<b>Data / Parameter:</b>	EF <sub>projected_fossilfuel</sub>
Data unit:	tCO <sub>2</sub> /TJ
Description:	Emission factor for the substitution of non-renewable biomass by similar consumers
Source of data used:	AMS-II. G v.3, page 2
Value applied:	81.6
Justification of the choice of data or description of measurement methods and procedures actually applied :	Default value as prescribed by methodology applied
Any comment:	This value represents the emission factor of the substitution fuels likely to be used by similar users, on a weighted average basis. It is assumed that the mix of present and future fuels used would consist of a solid fossil fuel (lowest in the ladder of fuel choices), a liquid fossil fuel (represents a progression over solid fuel in the ladder of fuel use choices) and a gaseous fuel (represents a progression over liquid fuel in the ladder of fuel use choices). Thus a 50% weight is assigned to coal as the alternative solid fossil fuel (96 tCO <sub>2</sub> /TJ) and a 25% weight is assigned to both liquid and gaseous fuels (71.5 tCO <sub>2</sub> /TJ for Kerosene and 63.0 tCO <sub>2</sub> /TJ for Liquefied Petroleum Gas (LPG)).

<b>Data / Parameter:</b>	η <sub>old</sub>
Data unit:	Efficiency
Description:	Efficiency of the system being replaced
Source of data used:	AMS-II. G v.3
Value applied:	###

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Justification of the choice of data or description of measurement methods and procedures actually applied :	### State how the default value/s taken from the methodology AMS-II.G version 03 are applied.
Any comment:	### Refer to source of any specific assumptions used to determine value

<b>Data / Parameter:</b>	$\eta_{\text{new}}$
Data unit:	Efficiency
Description:	Efficiency of the system being deployed
Source of data used:	AMS-II. G v.3
Value applied:	###
Justification of the choice of data or description of measurement methods and procedures actually applied :	### State basis for value applied (e.g. manufacturer's specifications or other means as allowed by the methodology).
Any comment:	During monitoring, WBTs will be carried out for a sample of installed ICSs that are in operation during each monitoring period. The WBTs will be conducted in line with the guidance provided by the CME and according to a methodology supported by an appropriate international body such as PCIA.

<b>Data / Parameter:</b>	LAF
Data unit:	Fraction
Description:	Net to gross adjustment factor to account for leakages
Source of data used:	AMS-II. G version 03
Value applied:	0.95
Justification of the choice of data or description of measurement methods and procedures actually applied :	Default value as prescribed by methodology applied
Any comment:	-

**B.5.2. Ex-ante calculation of emission reductions:**

**Application of the methodology:**

**1. Governing equation for emission reduction**

The equation for calculation of emission reductions is:

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$$ER_y = B_{y,savings} \cdot f_{NRB,y} \cdot NCV_{biomass} \cdot EF_{projected\_fossilfuel} \quad (1)$$

Where:

$ER_y$	Emission reductions during the year y in tCO <sub>2</sub> e
$B_{y,savings}$	Quantity of biomass that is saved in tonnes
$f_{NRB,y}$	Fraction of biomass saved by the project activity in year y that can be established as non-renewable biomass using survey results, national or local statistics or other sources of information.
$NCV_{biomass}$	Net calorific value of the non-renewable biomass that is substituted (IPCC default for wood fuel, 0.015 TJ/tonne)
$EF_{projected\_fossilfuel}$	Emission factor for the substitution of non-renewable biomass by similar consumers. Use a value of 81.6 tCO <sub>2</sub> /TJ.

Where:

$$f_{NRB,y} = \frac{NRB}{NRB + DRB} \quad (6)$$

Following the methodology (paragraph 10), Non-renewable woody biomass (NRB) is the quantity of woody biomass used in the absence of the project activity ( $B_{old}$ ) minus the DRB component, as long as at least two of the following indicators are shown to exist:

- A trend showing an increase in time spent or distance travelled for gathering fuelwood, by users (or fuel-wood suppliers) or alternatively, a trend showing an increase in the distance the fuel-wood is transported to the project area;
- Survey results, national or local statistics, studies, maps or other sources of information, such as remote-sensing data, that show that carbon stocks are depleting in the project area;
- Increasing trends in fuel wood prices indicating a scarcity of fuel-wood;
- Trends in the types of cooking fuel collected by users that indicate a scarcity of woody biomass.

Woody biomass is demonstrably renewable (DRB) if one of the following conditions is satisfied (paragraph 9 of the methodology):

I. The woody biomass is originating from land areas that are forests where:

- (a) The land area remains a forest; and
- (b) Sustainable management practices are undertaken on these land areas to ensure, in particular, that the level of carbon stocks on these land areas does not systematically decrease over time (carbon stocks may temporarily decrease due to harvesting); and
- (c) Any national or regional forestry and nature conservation regulations are complied with.

II. The biomass is woody biomass and originates from non-forest areas (e.g. croplands, grasslands) where:  
The land area remains as non-forest or is reverted to forest; and

- (b) Sustainable management practices are undertaken on these land areas to ensure in particular that the



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level of carbon stocks on these land areas does not systematically decrease over time (carbon stocks may temporarily decrease due to harvesting); and  
(c) Any national or regional forestry, agriculture and nature conservation regulations are complied with.

See further below for determination of the value of  $f_{NRB}$ .

$B_{y,savings}$  is estimated using option 2 of the methodology AMS-II.G version 3.

$$B_{y,savings} = B_{old} \cdot \left(1 - \frac{\eta_{old}}{\eta_{new}}\right) \quad (3)$$

Where:

$B_{old}$  Quantity of biomass used in the absence of the project activity in tonnes/year

$\eta_{old}$  Efficiency of the system being replaced.

According to the methodology, a default value of 0.1 can be used if the replaced system is a three stone fire, or a conventional system with no improved combustion air supply or flue gas ventilation system, i.e. without a grate or a chimney; for other types of systems a default value of 0.2 can be used. Weighted average values will be used if more than one type of system is being replaced.

$\eta_{new}$  Efficiency of the system being deployed as part of the project activity (fraction) as determined by using Water Boiling Test (WBT) protocol. Weighted average values will be used if more than one type of system is being introduced by the project activity.

Following option (a) of the methodology,  $B_{old}$  is calculated as the product of the number of appliances multiplied by the estimate of average annual consumption of biomass per appliance (tonnes/year) derived from **###** *State whether historical data/ survey of local usage has been used*

In addition, after monitoring the value of  $B_{old}$  is adjusted for the proportion of stoves still operating during the monitoring period (paragraph 16 of the methodology), leakage (paragraphs 13 (a) and 23 (c) of the methodology), the average operating time of stoves, the continued use of replaced stoves and exclusion of such use from  $B_{old}$  if baseline stoves are not disposed of (paragraph 20 (b) of the methodology).

Thus,

$$B_{old} = LAF \cdot N_{all} \cdot SOF \cdot \left( Q_{biomass} - \left( \frac{\mu_{old}}{1000} \cdot f_{old} \right) \right) \cdot Stove_{year}$$

Where:

**LAF** Net to gross Adjustment factor (0.95) applied in accordance with paragraph 13 and 23 of AMS-II.G v. 03

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$N_{all}$	Total number of stoves installed (number)
$Q_{biomass}$	Average annual biomass consumption per appliance (tonnes/ year).
SOF	Stove Operation Fraction (SOF) (% of stoves operating or replaced by equivalent in-service appliance <sup>8</sup> ). The parameter SOF is applied to meet the requirements of the methodology as outlined in its paragraph 16 and will be measured ex post using survey/ user feedback in each monitoring period. The CME will select a sample of stoves from the PoA Distribution and Monitoring Database and visit the premises which received these stoves.
$\mu_{old}$	Average amount of woody biomass consumption that is consumed through the continued use of old stoves (kg/year) (to be established through sampling). This value is divided by 1000 to convert kg/year to tonnes/year
$f_{old}$	Fraction of end users that are still using their replaced stoves during the monitoring period (established through sampling)
$Stove_{year}$	Calculated average stove operation years in the monitoring period (years). If stoves have been operating for 365 days then $Stove_{year} = 1.0$ . If less than 365 days, then $Stove_{year}$ is represented as a fraction of 365 (eg. 180 days= 0.5).

**Determination of DRB, NRB and  $f_{NRB}$**

### (specify the approach that has been undertaken to establish DRB, NRB and  $f_{NRB}$ , and where necessary describe the steps undertaken and the calculated value for  $f_{NRB}$ . If default values have been used then identify the source and confirm that they have been approved by the host country DNA).

**B.5.3. Summary of the ex-ante estimation of emission reductions:**

Year	Estimation of project activity emissions (tonnes CO <sub>2</sub> e)	Estimation of baseline emissions (tonnes CO <sub>2</sub> e)	Estimation of leakage (tonnes CO <sub>2</sub> e)	Estimation of overall emission reductions (tonnes CO <sub>2</sub> e)
Year #	0	###	0	###
Year #	0	###	0	###
Year #	0	###	0	###
Year #	0	###	0	###
Year #	0	###	0	###
Year #	0	###	0	###
Year #	0	###	0	###
<b>Total Emissions Reductions</b>	<b>0</b>	<b>###</b>	<b>0</b>	<b>###</b>

<sup>8</sup> For example, if an end user has purchased an Envirofit stove and it is found to be defective within the warranty period they will be entitled to a replacement stove.

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(tonnes of CO <sub>2</sub> e)				
<b>Annual average over the crediting period of estimated reductions</b>	0	###	0	###

**B.6.1. Description of the monitoring plan:**

<b>Data / Parameter:</b>	$\eta_{\text{new}}$
<b>Data unit:</b>	Efficiency
<b>Description:</b>	Efficiency of the system being deployed as part of the project activity
<b>Source of data to be used:</b>	As determined through sampling by performing WBTs
<b>Value of data applied for the purpose of calculating expected emission reductions in section B.5</b>	###%
<b>Description of measurement methods and procedures to be applied:</b>	### <i>Add specific information on whether WBTs will be carried out as part of a CPA-specific sampling plan or as part of the PoA level sampling plan.</i>
<b>QA/QC procedures to be applied:</b>	### <i>Add specific information to clarify if the DO or a third party contractor will be responsible for conducting WBTs) will conduct WBTs in line with the guidance provided by the CME and according to ### (specify an appropriate standard or internationally recognised protocol for WBTs)</i>
<b>Any comment:</b>	### <i>Add specific information or reasons for choice of value</i>  Each WBT conducted will be matched with a specific serial ID number of the stove tested. Hence, the stove type (i.e. fuel type and specific laboratory efficiency) can be clearly identified allowing an extrapolation of the results of the sampling to all stoves of the same type, distributed within the PoA.

<b>Data / Parameter:</b>	$N_{\text{all}}$
<b>Data unit:</b>	Number
<b>Description:</b>	Total number of stoves installed
<b>Source of data to be used:</b>	Record of all installations and date of each installation as per ICS serial ID numbers contained in the PoA Distribution and Monitoring Database.
<b>Value of data applied for the purpose of calculating expected emission reductions in</b>	### <i>Enter total number of stoves estimated to be distributed under the CPA</i>

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section B.5	
Description of measurement methods and procedures to be applied:	Each DO shall maintain CPA Distribution Records which will provide the data used to calculate this parameter. This data will be uploaded to the PoA Distribution and Monitoring Database maintained by the CME.  ### Add any further specific information on accounting for multiple ICS per household/institution/SME
QA/QC procedures to be applied:	The CME will supervise the activities of each DO, and provide training, guidelines and distribution templates to facilitate accurate record keeping during the ICS distribution. The CME will also maintain a record of the stove serial numbers supplied to each DO, and will be able to cross-check these against the CPA Distribution Reports it receives back from the DO.
Any comment:	-

<b>Data / Parameter:</b>	SOF
Data unit:	Fraction
Description:	Stove Operation Fraction – used to determine the share of distributed stoves that are still operating, measured ex-post through sampling
Source of data to be used:	Survey of end user behavior ### <i>Specify if monitoring is to be done as part of a PoA-level Sampling Plan or at the CPA-level</i>
Value of data applied for the purpose of calculating expected emission reductions in section B.5	##
Description of measurement methods and procedures to be applied:	The actual value to be applied for emissions reduction calculations and request for issuance of CERs will be measured ex-post by investigation of the number of ICS installations within the sampled ICS which are operational. If for example 90% of the sample is only found to be operational, then SOF is 0.9.
QA/QC procedures to be applied:	The CME will provide training, guidelines and monitoring templates to ensure that the DO or another contracted party responsible for monitoring follows appropriate procedures.
Any comment:	### provide explanation for choice of value

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<b>Data / Parameter:</b>	$\mu_{old}$
<b>Data unit:</b>	kg/year
<b>Description:</b>	The amount of woody biomass consumption that is consumed through the continued use of old stoves
<b>Source of data to be used:</b>	Survey of end user behavior <b>###</b> <i>Specify if monitoring is to be done as part of a PoA-level Sampling Plan or at the CPA-level combined with the same source of data as used for <math>Q_{biomass}</math></i>
<b>Value of data applied for the purpose of calculating expected emission reductions in section B.5</b>	<b>##</b>
<b>Description of measurement methods and procedures to be applied:</b>	<p>The actual value to be applied for emissions reduction calculations and request for issuance of CERs is measured ex-post by estimation of a representative sample of end users using the deployed ICS, as conducted in line with the PoA Sampling Plan. <b>###</b> <i>Specify if monitoring is to be done as part of a PoA-level Sampling Plan or at the CPA-level. If sampling is to be done at the CPA level, then specify the approach; if sampling is to be done at the PoA Sampling Plan level, then refer to this for details of the measurement methods).</i></p> <p><b>###</b> <i>Provide a brief description of the measurement approach.</i></p> <p>Based on the sampling results, an average value for <math>\mu_{old}</math> will be determined. <b>###</b> <i>If necessary, state that a conversion from charcoal to wood is necessary.</i></p> <p>The CME will then multiply this value by the fraction of end users continuing to use baseline stoves (<math>f_{old}</math>). The result will be deducted from the total annual biomass consumption and applied to the emissions reduction calculations.</p>
<b>QA/QC procedures to be applied:</b>	The CME will provide training, guidelines and monitoring templates to ensure that the DO or another contracted party responsible for monitoring follows appropriate procedures for the survey.
<b>Any comment:</b>	<b>###</b> <i>provide explanation for choice of value</i>

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<b>Data / Parameter:</b>	$f_{old}$
<b>Data unit:</b>	Fraction
<b>Description:</b>	The fraction of end users that are still using baseline (replaced) stoves
<b>Source of data to be used:</b>	Survey of end user behavior ### Specify if monitoring is to be done as part of a PoA-level Sampling Plan or at the CPA-level
<b>Value of data applied for the purpose of calculating expected emission reductions in section B.5</b>	##
<b>Description of measurement methods and procedures to be applied:</b>	The actual value to be applied for emissions reduction calculations and request for issuance of CERs is measured ex-post by estimation of a representative sample of ### (Specify end user) using the deployed ICS, as conducted in line with ### Specify if monitoring is to be done as part of a PoA-level Sampling Plan or at the CPA-level . The survey will be done on the basis of a visual inspection of the end user premises and if necessary an interview with the stove user to confirm whether they are still using a baseline (replaced) stove or not.  ### Specify which approach (Option A or B) is likely to be applied in this CPA during sampling
<b>QA/QC procedures to be applied:</b>	The CME will provide training, guidelines and monitoring templates to ensure that the DO or another contracted party responsible for monitoring follows appropriate procedures for the survey.
<b>Any comment:</b>	### provide explanation for choice of value

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<b>Data / Parameter:</b>	Stove <sub>year</sub>
<b>Data unit:</b>	Years
<b>Description:</b>	Calculated average stove operation years in the monitoring period. If stoves have been operating for 365 days then Stove <sub>year</sub> = 1.0. If less than 365 days, then Stove <sub>year</sub> is represented as a fraction of 365 (eg. 180 days= 0.5).
<b>Source of data to be used:</b>	PoA Distribution and Monitoring Database
<b>Value of data applied for the purpose of calculating expected emission reductions in section B.5</b>	##
<b>Description of measurement methods and procedures to be applied:</b>	Each ICS entered into the PoA Distribution and Monitoring Database will be linked to a distribution date (recorded during distribution). Thus for any monitoring period it is possible to calculate the period of time that the stoves included in the emissions reduction calculations for that period have been operating.
<b>QA/QC procedures to be applied:</b>	The CME is responsible for overseeing the collection of data by DOs during distribution, training the DOs in correct data recording practices, maintaining a secure Database, and back up of files contained in the Database.
<b>Any comment:</b>	

***Summary of Monitoring activities***

As outlined in Section A.4, the CME will enter into a contract with the DO and this contract will include inter alia CDM-specific requirements relating to monitoring activities that occur during the distribution of stoves including the collecting of the necessary data required for ex-post monitoring, and ensuring that the CPA Distribution Records are completed correctly. The information contained in the CPA Distribution Records and the PoA Distribution and Monitoring Database enables the tracking of stoves back to the end user level. The CME will manage the PoA Distribution and Monitoring Database, from which a representative sample will be drawn for the purposes of monitoring of parameters after the distribution of ICS has taken place (referred to as ex-post monitoring).

The CME will oversee ex-post monitoring activities and provide guidance and training to ### (state the parties involved in ex-post monitoring - company's/-ies' name/s, type of organisation etc ) – the “Monitoring Organisation”. This will ensure that the correct procedures are carried out during monitoring activities.

### (specify the roles to be fulfilled by the CME, DO and/or any third party Monitoring Organisation to be engaged during monitoring)

The following checks will be carried out as part of ### Specify if monitoring is to be done as part of a PoA-level Sampling Plan or at the CPA-level:



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Check (parameter)	Method	Frequency required in methodology/envisaged
Efficiency of project stoves ( $\eta_{new}$ )	Carrying out WBTs	### Annually/Bi-annually
Check if project stoves are operational and in use (SOF)	Observation and interview with end user, asking them to demonstrate that project stoves are still operational and being used.	### Annually/Bi-annually
Estimate the share of total consumption accounted for by replaced stoves ( $\mu_{old}$ )	Observation and interview with end users to estimate the amount of consumption that is accounted for by the baseline (replaced) stove. This will be done by using a simple means such as estimating the number of meals per day/week/month that the end user cooks using the baseline stove post-ICS receipt compared with pre-ICS receipt.	### Specify how frequently this will be done, and/or if it is to be done as part of the PoA Sampling Plan
Estimate the proportion of end users that continue to use baseline stoves ( $f_{old}$ )	Observation and if necessary interview with end users to determine if they continue to use baseline (replaced) stoves.  ### Specify choice of two options for estimation: A. Monitoring the fraction of end users using baseline stoves ( $f_{old}$ ) B. Monitoring the fraction of end users not using baseline stoves ( $f_{non,old}$ )	### Specify how frequently this will be done, and/or if it is to be done as part of the PoA Sampling Plan

### (describe how the monitoring information will be collected and provided to the CME)

The CME will cross-check the ex-post monitoring information received from ### (state the applicable party providing the information). The data obtained from the ex-post monitoring activities will be kept in the secure PoA Distribution and Monitoring Database, along with the data obtained during distribution, and will be used for calculating the parameters outlined above, which will feed into emissions reduction calculations and made available to the DOE during verification.

Figure # below provides a graphical illustration of the ex-post monitoring activities to be carried out in the Monitoring plan.

### Provide a diagram of monitoring plan

Figure #: ### (title of diagram)

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***Sampling Plan application***

### provide description of sampling approach, specifying if it is to be done as part of the PoA Sampling Plan or not.

*If sampling is to be done on a CPA-specific level, then provide details of sampling approach in a CPA Sampling Plan.*

*If the CPA is to be integrated into the PoA Sampling Plan, then identify how the following steps are applied to the CPA:*

*Step 1: Pre-check for cross-CPA sampling*

*Step 2: Step 2: Selection of applicable reliability level*

*Step 3: Step 3: Selection of applicable sampling frame*

*Step 4: Sample size estimation*

### Provide any other relevant information regarding the choice of sampling approach.

**C.1. Please indicate the level at which environmental analysis as per requirements of the CDM modalities and procedures is undertaken. Justify the choice of level at which the environmental analysis is undertaken:**

☐ Please tick if this information is provided at the PoA level. In this case sections C.2. and C.3. need not be completed in this form.

The environmental analysis will be undertaken at the CPA level due to the inclusion of multiple countries in the PoA. It is possible that some countries may have different laws relating to environmental impacts and assessments.

**C.2. Documentation on the analysis of the environmental impacts, including transboundary impacts:**

### provide description of how environmental impacts were considered. If environmental impacts were already considered for the first CPA in the country, it is possible to simply restate this analysis.

**C.3. Please state whether an environmental impact assessment is required for a typical CPA, included in the programme of activities (PoA), in accordance with the host Party laws/regulations:**

### state whether an environmental impact assessment (EIA) is required or not. If an exemption has already been obtained or the EIA was already undertaken for the first CPA in the country it is possible to simply restate this.

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**SECTION D. Stakeholders' comments**

**D.1. Please indicate the level at which local stakeholder comments are invited. Justify the choice:**

☐ Please tick if this information is provided at the PoA level. In this case sections D.2. to D.4. need not be completed in this form.

**D.2. Brief description how comments by local stakeholders have been invited and compiled:**

### provide description of how comments by local stakeholders were invited. If a LSC was already undertaken at the national level for the first CPA in the country, it is possible to simply restate how comments were invited and compiled as part of that LSC.

**D.3. Summary of the comments received:**

### provide a summary of comments received at the LSC. If a LSC was already undertaken at the national level for the first CPA in the country, it is possible to simply restate the comments received.

**D.4. Report on how due account was taken of any comments received:**

### provide a statement of how due account was taken of any comments received. If a LSC was already undertaken at the national level for the first CPA in the country, it is possible to simply restate how the comments were taken into account.

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**Annex 1**

**CONTACT INFORMATION ON ENTITY/INDIVIDUAL RESPONSIBLE FOR THE SMALL-SCALE CPA**

**###** (provide applicable information below where indicated)

Organization:	###
Street/P.O.Box:	###
Building:	###
City:	###
State/Region:	###
Postfix/ZIP:	###
Country:	###
Telephone:	###
FAX:	###
E-Mail:	###
URL:	###
Represented by:	###
Title:	###
Salutation:	###
Last Name:	###
Middle Name:	###
First Name:	###
Department:	###
Mobile:	###
Direct FAX:	###
Direct tel:	###
Personal E-Mail:	###

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Annex 2

**INFORMATION REGARDING PUBLIC FUNDING**

### *Add specific information if applicable.*

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Annex 3

**BASELINE INFORMATION**

### *Add specific baseline information and references*

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**Annex 4**

**MONITORING INFORMATION**

The monitoring plan is detailed above.

### Add specific information and references, if appropriate

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