

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



NAME /TITLE OF THE PoA: UpEnergy Open Access Improved Cookstoves Program in Latin America

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

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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)^{1,2} 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.

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

² 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:

UpEnergy Open Access Improved Cookstoves Program in Latin America – CPA No XXX.

12/12/2012

Version 2.0

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

The goal of this small-scale CPA (SSC-CPA) is to facilitate the transition away from inefficient conventional biomass stoves by providing higher-efficiency and clean burning improved cooking biomass stoves (ICS) to [target population per type].

The baseline scenario was identified using [method].

Several greenhouse gases (GHG), including carbon dioxide, are produced as a result of the combustion of non-renewable biomass as used in cooking stoves. ICS improve heat transfer efficiency as compared to the baseline conventional stoves, thereby reducing both the amount of wood fuel used by unit appliance implemented and the emission of GHGs.

In addition to direct climate benefits, this SSC-CPA achieves several co-benefits that contribute to sustainable development:

Environmental Benefits

The project reduces the demand for biomass required for cooking stoves thus reducing the rate of deforestation connected to wood consumption. In addition, the reduction in use of less efficient stoves will yield a reduction in emissions from fuel combustion thus improving air quality and reducing the emission of harmful gases that contribute to climate change.

Social and economic benefits

Project beneficiaries using the ICS reduce their wood consumption. The reduction in fuel needs will also save project beneficiaries time and income. This means that biomass users who gather wood will see a reduction in the amount that they have to collect, leaving that time available for other activities. Biomass users that purchase their fuel will be able to direct more of their income to other needs. From the economic perspective, the project will contribute to the scale-up of local businesses and organizations, with the potential to create jobs in retail, marketing and distribution.

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

NAME OF KYOTO PARTY INVOLVED	PUBLIC OR PRIVATE ENTITIES PROJECT PARTICIPANTS	PARTIES INVOLVED WISH TO CONSIDER
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(HOST PARTY)		AS PROJECT PARTICIPANT?
[country]	UpEnergy (CME of the POA)	No

UpEnergy is the coordinating/managing entity to the SSC-PoA, Focal Point to all Scopes of Authority and CPA operator. As per Annex 38 to EB55 Report, paragraph 8, “the operators of individual CPAs are not required to be project participants”. Partner Organizations (POs) supporting the work within this CPA are not required to be project participants and CDM program participation is only recorded at the PoA level.

[CME confirmation of CPA approval].

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

[CME confirmation that only new ICS will be disseminated under the CPA].

[Target population and distribution mechanisms included in this CPA].

[Technical description of the small-scale CPA CPA including description of conventional cookstove types to replace, description of technology to implement and types, and baseline scenarios applicable to each of the technology types].

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

UpEnergy Open Access Improved Cookstoves Program in Latin America – [CPA No XXX]

A.4.1.1. Host Party:

[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 physical boundary of the SSC-CPA is determined by the location of installed ICS. This SSC-CPA’s geographic boundary is [geographic reference], which is within the boundary of the POA.

[map]

Figure 1. Map of SSC-CPA project boundary – [geographic reference]

Technologies distributed throughout the SSC-CPA are identified through unique serialization recorded in the project sales database. The CME cross-checks and verifies the sales database against sales records.

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

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

[DD/MM/YYYY, justification & prove of evidence].

[CME confirmation that no ICS have been sold under the CPA before the start date of the PoA]

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

21 years

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

Renewable crediting period, 7 years times 3 = total of 21 years.

A.4.3.1. Starting date of the crediting period:

[DD/MM/YYYY, justification & prove of evidence].

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

7 years

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

Project Year	Annual estimation of Emission Reductions in tonnes CO ₂ e
1	XXXXXX
2	XXXXXX
3	XXXXXX
4	XXXXXX
5	XXXXXX
6	XXXXXX
7	XXXXXX
Total Emission Reductions (tonnes of CO ₂ e)	XXXXXX
Total Number of crediting years	XXXXXX
Annual average over the crediting period of estimated reductions	XXXXXX

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A.4.5. Public funding of the CPA:

[Statement on usage of public funding & prove of evidence where necessary].

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, than that CPA of PoA is exempted from performing the debundling 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, is for a maximum energy saving of 180 GWh_{th}/year. The calculation in the table below shows that domestic stoves do not exceed 1% of the SSC threshold, and that therefore the program is exempted from the de-bundling check³.

Figure 2. De-bundling Exemption

Parameter	Value	Unit	Source
NCV biomass	0.0156	TJ/tonne	Default
Energy units	3600	GJ/GWh	Default
SSC Type II limit	180	GWh/year	Default
Energy per tonne	0.0032	GWh/tonne	-

Parameter	[Type of ICS]	Unit	Source
Biomass saved by each ICS	XXX	tonnes/year	CPA Annex 5
Energy saved by each ICS	XXX	GWh/year	-
Percentage of the Type II limit	XXX	percentage	-

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 SSC-CPA is neither registered as an individual CDM project activity nor is it part of another Registered PoA. All ICS under this SSC-CPA are uniquely identified by its serial number in the Sales Database and cross-checked against invoices. Signed contractual agreements with partner organizations and distributors, along with carbon rights waivers received by end-users, transfer the rights of the carbon credits solely to the CME of the SSC-CPA.

³ See Annex 3 for more details.

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[Number of CDM project activities, PoAs and CPAs registered in CDM disseminating ICS of the same model as the implemented in this CPA]

[In the case one of more CDM project activities or CPAs are registered in CDM disseminating ICS of the same model as the implemented in this CPA the CME will provide all serial numbers of the stoves supplied of the same model to all PoAs and CDM project activities]

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:

UpEnergy Open Access Improved Cookstoves Program in Latin America

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

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

[Demonstration of eligibility criteria]

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

As described in SSC-POA-DD section E.5.2, the confirmation of CPA additionality would be by means of meeting the eligibility criteria for inclusion in the PoA as stated in Section E.5.2. If the proposed SSC-CPA meets the key criteria and data stipulated in section E.5.2. below, the SSC-CPA shall be deemed additional.

Therefore, the SSC-CPA is additional as it meets the following criteria as per Section E.5.2. of the SSC-POA-DD “Key criteria and data for assessing additionality of a SSC-CPA”:

[Yes/No] They meet the eligibility criteria for inclusion of a SSC-CPA in the PoA as set in section A.4.2.2.

[Yes/No] The CPA is consistent with the current mandatory laws and regulations in the Host Country/ies at the time of inclusion.

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.

A description of the sources and gases included in the project boundary is presented below:

Figure 1. Emissions sources included in or excluded from the project boundary

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	Sources	Gas	Included?	Justification/Explanation
Baseline	Combustion of non-renewable biomass for cooking	CO2	Yes	Important source of emissions
		CH4	No	Not considered as per the methodology. Exclusion is conservative assumption.
		N2O	No	Not considered as per the methodology. Exclusion is conservative assumption.
Project	Combustion of non-renewable biomass for cooking	CO2	Yes	Important source of emissions
		CH4	No	Not considered as per the methodology. Exclusion is conservative assumption.
		N2O	No	Not considered as per the methodology. Exclusion is conservative assumption.

B.5. Emission reductions:

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

Data / Parameter:	XXXX
Data unit:	XXXX
Description:	XXXX
Source of data used:	XXXX
Value applied:	XXXX
Justification of the choice of data or description of measurement methods and procedures actually applied:	XXXX
Any comment:	XXXX

Data / Parameter:	B _{old}
Data unit:	ton wood/ year
Description:	Quantity of woody biomass used in the absence of the project activity in tons
Source of data used:	XXX
Value applied:	XXXXXX

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Justification of the choice of data or description of measurement methods and procedures actually applied:	Combination of literature and field survey by a dedicated expert team. Each Host Countries will determine B_{old} at the time of first implementation of a CPA in the country. Subsequent CPAs within a country may choose to use the value established by the first CPA in a country.
Any comment:	This parameter is applicable to the first CPA.

Data / Parameter:	η_{old}
Data unit:	Percentage
Description:	Efficiency of the system being replaced as part of the SSC-CPA
Source of data used:	XXX
Value applied:	XXXXXX
Justification of the choice of data or description of measurement methods and procedures actually applied:	Each Host Countries will determine η_{old} at the time of first implementation of a CPA in the country. Subsequent CPAs within a country may choose to use the value established by the first CPA in a country.
Any comment:	

Data / Parameter:	SC_{old}
Data unit:	ton wood/ year
Description:	Quantity of woody biomass used in the absence of the project activity in tons
Source of data used:	<i>Target population: XXX</i> <i>Objective: XXX</i> <i>Description and Reliability Requirements: XXX</i> <i>Sampling Frame: XXX</i> <i>Sample Size and Desired Precision: XXX</i> <i>Sample Method: XXX</i> <i>Implementation: XXX</i>
Value applied:	XXXXXX

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Justification of the choice of data or description of measurement methods and procedures actually applied:	Expert team to conduct tests. SC_{old} for each Host Country will be determined at the time of first CPA inclusion into a given country.
Any comment:	This parameter is applicable only when AMS-II.G step-6 <u>option-3</u> is chosen for a given CPA.

Data / Parameter:	$\eta_{specified}$
Data unit:	%
Description:	Efficiency of the system being deployed at the time of CPA inclusion
Source of data used:	Manufactures specifications or independent testing.
Value applied:	To be established in any CPA applying this value.
Justification of the choice of data or description of measurement methods and procedures actually applied:	<p><i>Target population: XXX</i></p> <p><i>Objective: XXX</i></p> <p><i>Description and Reliability Requirements: XXX</i></p> <p><i>Sampling Frame: XXX</i></p> <p><i>Sample Size and Desired Precision: XXX</i></p> <p><i>Sample Method: XXX</i></p> <p><i>Implementation: XXX</i></p>
Any comment:	Note that $\eta_{specified}$ is the efficiency as per manufacturer specification for fulfilling eligibility criteria of the PoA. This value will not be used for ex-post calculation of emission reductions since η_{new} is a monitored parameter to reflect possible changes in efficiency during the lifetime of the ICS.

Data / Parameter:	$f_{nrb,y}$
Data unit:	Fraction
Description:	Fraction of woody biomass saved by the project activity in year y that can be established as non-renewable biomass
Source of data used:	NRB study
Value applied:	XXXXXX
Justification of the choice of data or description of measurement methods	Each Host Countries will determine fNRB at the time of first implementation of a CPA in the country. Subsequent CPAs within a country may choose to use the fNRB value established by the first CPA in a country.

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and procedures actually applied :	
Any comment:	None

Data / Parameter:	NCV _{biomass}
Data unit:	TJ/tonne
Description:	Net calorific value for biomass used as cooking fuel
Source of data used:	AMS-II.G version 03
Value applied:	0.0156
Justification of the choice of data or description of measurement methods and procedures actually applied:	Default value as prescribed by methodology applied
Any comment:	None

Data / Parameter:	EF _{projected_fossil_fuel}
Data unit:	tCO2/TJ
Description:	Emission factor for the substitution of non-renewable woody biomass by similar consumers.
Source of data used:	AMS-II.G version 03, 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:	None

Data / Parameter:	XXXXXX
Data unit:	XXXXXX
Description:	XXXXXX
Source of data used:	XXXXXX
Value applied:	XXXXXX
Justification of the choice of data or description of measurement methods and procedures actually applied:	XXXXXX
Any comment:	XXXXXX

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Data / Parameter:	L_y
Data unit:	Fraction
Description:	B_{old} is multiplied by a net to gross adjustment factor to account for leakages
Source of data used:	AMS-II.G version 03, page 5
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. As per the methodology AMS II.G, ver. 3, a default value as provided under par. 13 can be optionally used to account for leakages, in which case surveys are not required.
Any comment:	None

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

Emission reductions are calculated⁴ as follows:

$$ER_y = \Sigma (B_{y,savings} * N_y * U_y) * (f_{NRB,y} * NCV_{biomass} * EF_{projected_fossil\ fuel}) \quad \text{Equation (1)}$$

Where:

ER_y	Emission reductions during the period y in tCO ₂ e
$B_{y,savings}$	Quantity of woody biomass that is saved in tonnes per appliance
$f_{NRB,y}$	Fraction of woody biomass saved by the project activity in period y that can be established as non-renewable biomass
$NCV_{biomass}$	Net calorific value of the non-renewable woody biomass that is substituted (IPCC default for wood fuel, 0.0156 TJ/tonne)
$EF_{projected_fossilfuel}$	Emission factor for the substitution of non-renewable woody biomass by similar consumers. Use a value of 81.6 tCO ₂ /TJ
N_y	Number of appliances of the type being deployed during period y as part of the SSC-CPA
U_y	Average usage rate (as opposite to drop-off) of appliances of type being deployed during period y as part of the SSC-CPA

$B_{y,savings,i}$ is estimated using [option X] of the methodology AMS II.G version 3:

⁴ See annex 5 of each specific CPA for actual values.

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[Equations to apply and definition of parameters]

Generalities

$$By, savings = (B_{old} * L) * (1 - \frac{\eta_{old}}{\eta_{new}})$$

$B_{y, savings}$ is calculated as [definition].

η_{old} (baseline efficiency) of [type] stoves is determined to be [choice]. [Justification of the choice].

[Adjustment factors used for the ex-ante calculations] Ex-post parameters will be applied following the results of the monitoring plan.

ICS exclusion

Due to the age: Each year, the technology-specific “cut-off age” is decided at the discretion of the CME, and stoves older than this age will not be included in the sample and will not be included in calculations of emission reduction. This introduces conservativeness to the estimation of emission reductions.

Due to continued use of baseline technology:

1. It is possible that baseline technologies are still used in the project activity. B_{old} will be discounted for any biomass consumed by traditional stoves still used in the project activity. This is done for option 1 by subtracting B_{new} from B_{old} and for options 2 and 3 by means of the discounting parameter μ_{old} . Only the quantity of baseline wood fuel actually displaced by the project activity will be used for emission reduction calculations. The monitoring plan will survey local usage and apply reductions to B_{old} as necessary through the means exposed above.
2. Similarly, it is also possible that more than one type of baseline technologies is regularly used in the household. The sales receipt will describe the quantity and type of baseline technologies being replaced by the ICS being implemented.

Due to replacement of other than biomass fuel: All technology models implemented will result in efficiency improvement in the thermal application of the non-renewable biomass. All ICS replacing baselines that consist exclusively of fossil fuels (such as kerosene and LPG) will be excluded from the records and subsequently from the emission reduction calculations (i.e., ICS may be still installed but as these shall not be included within the installation record as a basis for emission reduction calculation). This will be ensured by recording the fuel used prior to ICS installation and baseline stove type of a representative sample of ICS purchasers and including this information in the electronic Database for all ICS implemented. Each ICS recorded showing the fuel replaced to be other than biomass will be discounted from the records and not to count toward the Total Sales Record. Excluded ICS will be available in the record system for verification by the DOE.. This is in accordance with the approved methodology which is applicable only to users which were previously using non-renewable biomass fuels.

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This CPA [uses/does not use] updated values different from those established in the previous CPA. [In the case that the CPA does use updated values the CME will provide the justification of the updated values here]

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

Year	Estimation of emission reductions due to project activity (tCO ₂ e)	Estimation of leakage (tCO ₂ e)	Estimation of overall emission reductions (tCO ₂ e)
Year 1	XXX	XXX	XXX
Year 2	XXX	XXX	XXX
Year 3	XXX	XXX	XXX
Year 4	XXX	XXX	XXX
Year 5	XXX	XXX	XXX
Year 6	XXX	XXX	XXX
Year 7	XXX	XXX	XXX
Total Emission Reductions	XXX	XXX	XXX
Annual average over the crediting period of estimated reductions	XXX	XXX	XXX

B.6.1. Description of the monitoring plan:

[Monitoring description].

Data and parameters to be monitored by the SSC-CPA:

Data / Parameter:	XXXX
Data unit:	XXXX
Description:	XXXX
Source of data to be used:	XXXX
Value of data applied for the purpose of calculating expected emission reductions in section B.5:	XXXX

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Description of measurement methods and procedures to be applied:	XXXX
QA/QC procedures to be applied:	XXXX
Any comment:	XXXX

Data / Parameter:	$B_{v,new}$
Data unit:	ton wood/ year
Description:	Quantity of woody biomass used during the project activity by the <i>improved stove technologies</i> in tons per household
Source of data to be used:	Primary data collection
Value of data applied for the purpose of calculating expected emission reductions in section B.5:	XXX
Description of measurement methods and procedures to be applied:	<p><i>Target population: XXX</i></p> <p><i>Objective: XXX</i></p> <p><i>Description and Reliability Requirements: XXX</i></p> <p><i>Sampling Frame: XXX</i></p> <p><i>Sample Size and Desired Precision: XXX</i></p> <p><i>Sample Method: XXX</i></p> <p><i>Implementation: XXX</i></p>
QA/QC procedures to be applied:	<p>CME/PO conducts testing with expert party assistance. Training will be provided to enumerators and testers.</p> <p>Conducted by dedicated monitoring team. Database maintenance: managing entity.</p>
Any comment:	This parameter is applicable only when AMS-II.G step-6 <u>option-1</u> is chosen for a given CPA.

Data / Parameter:	η_{new}
Data unit:	Percentage
Description:	Efficiency of the appliance being deployed as part of the SSC-CPA, weighted

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	average if multiple systems.
Source of data to be used:	Primary data collection
Value of data applied for the purpose of calculating expected emission reductions in section B.5:	As per section B.5.2 in each CPA.
Description of measurement methods and procedures to be applied:	<p><i>Target population: XXX</i></p> <p><i>Objective: XXX</i></p> <p><i>Description and Reliability Requirements: XXX</i></p> <p><i>Sampling Frame: XXX</i></p> <p><i>Sample Size and Desired Precision: XXX</i></p> <p><i>Sample Method: XXX</i></p> <p><i>Implementation: XXX</i></p>
QA/QC procedures to be applied:	CME/PO conducts testing with expert party assistance
Any comment:	<p>Once applied to a single CPA, all applicable CPAs within the same POA can use such data to define the value.</p> <p>This parameter η_{new} is applicable only when AMS-II.G step-6 <u>option-2</u> is chosen for a given CPA.</p>

Data / Parameter:	SC_{new}
Data unit:	ton wood/ year
Description:	Specific fuel consumption of the fuel consumption rate of the system/s deployed
Source of data used:	Primary data collection (by means of the CCT), weighted average if multiple systems.
Value applied:	XXX

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Description of measurement methods and procedures to be applied:	<p><i>Target population: XXX</i></p> <p><i>Objective: XXX</i></p> <p><i>Description and Reliability Requirements: XXX</i></p> <p><i>Sampling Frame: XXX</i></p> <p><i>Sample Size and Desired Precision: XXX</i></p> <p><i>Sample Method: XXX</i></p> <p><i>Implementation: XXX</i></p>
QA/QC procedures to be applied:	CME/PO conducts testing with expert party assistance
Any comment:	This parameter is applicable only when AMS-II.G step-6 <u>option-3</u> is chosen for a given CPA.

Data / Parameter:	N _y
Data unit:	Number
Description:	Number of households ICS appliances being deployed as part of the SSC-CPA
Source of data to be used:	SSC-CPA sales record
Value of data applied for the purpose of calculating expected emission reductions in section B.5:	XXXX
Description of measurement methods and procedures to be applied:	<p><i>Target population:</i> All systems deployed (therefore all target populations).</p> <p><i>Objective:</i> Establish the number of appliances deployed during period y as part of the SSC-CPA.</p> <p><i>Description and Reliability Requirements:</i> Primary data collection, weighted average if multiple systems.</p> <p>No sampling is applied to this parameter. All technologies deployed, weighted average if more than one type.</p> <p>The total number of appliances by type and date deployed during period y is tracked in the Project Database of the specific CPA, which is updated regularly. All appliances distributed will be recorded. Any appliance not recorded in the Project Database will not be credited for emission reductions.</p> <p>N_y is adjusted according to actual operational days during a given monitoring period y. The sales date for each appliance listed in the Project Database of each</p>

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	CPA signifies the start of operation for each appliance type. The operational days of each appliance is divided by the total number of days of the current monitoring period to determine the adjusted N_y number of appliances in operation.
QA/QC procedures to be applied:	<p>Each SSC-CPA project implementer shall maintain a sales record to calculate this parameter.</p> <p>CME and PO electronic records will be cross-checked against a representative sample of paper records from distribution transactions made by the partner organisations. For ICS delivered by other suppliers to the CME for distribution, records will also be cross checked against delivery notes issued by the transporter upon delivery. The cross-checking of all POs will be led by the CME. A third party audit of randomly selected sales records from the electronic system kept by the CME will ensure the aforementioned quality control and assurance. This exercise will take place before each verification or at least once a year if no verifications have taken place in a given year. Satisfactory results are needed for each stove type implemented across the program.</p> <p>The CME supervises the activities of each SSC-CPA PO (when not the CME itself), and provides training, guidelines and templates to facilitate accurate testing and record keeping.</p>
Any comment:	All data sources will be transparent and verifiable.

Data / Parameter:	U_y
Data unit:	Percentage
Description:	Average usage rate of appliances being deployed during period y as part of the SSC-CPA
Source of data to be used:	Primary data collection as measured through ex-post surveys/ user feedback.
Value of data applied for the purpose of calculating expected emission reductions in section B.5:	XXX
Description of measurement methods and procedures to be applied:	<p><i>Target population: XXX</i></p> <p><i>Objective: XXX</i></p> <p><i>Description and Reliability Requirements: XXX</i></p> <p><i>Sampling Frame: XXX</i></p> <p><i>Sample Size and Desired Precision: XXX</i></p> <p><i>Sample Method: XXX</i></p>

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	<i>Implementation: XXX</i>
QA/QC procedures to be applied:	The CME supervises the activities of each PO, and provides training, guidelines and templates to facilitate accurate testing and record keeping. Conducted by dedicated monitoring team. Database maintenance by managing entity.
Any comment:	

Data / Parameter:	μ_{old}
Data unit:	ton wood/ year
Description:	Quantity of woody biomass used in the <i>project activity</i> by traditional stoves per household
Source of data to be used:	Primary data collection through survey of household behavior or testing and/or field testing
Value of data applied for the purpose of calculating expected emission reductions in section B.5:	A value of 0 is applied for the purpose of ex-ante calculations
Description of measurement methods and procedures to be applied:	<i>According to AMS II.G v03 ¶20 (b), If baseline stoves continue to be used, monitoring shall ensure that the fuel-wood consumption of those stoves is excluded from Bold.</i> <i>XXX</i>
QA/QC procedures to be applied:	CME/PO provides guidance and training for conducting testing with expert party assistance
Any comment:	This parameter is applicable only when AMS-II.G step-6 option-2 or -3 is chosen for a given CPA.

[Continuation of Monitoring Plan]

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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:

X 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.

This information is provided at the POA level.

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

Not applicable.

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:

Not applicable.

SECTION D. Stakeholders' comments

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

[For each Host Country the information is provided at the first CPA inclusion of that country].

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

[Decision whether the local stakeholder consultation is needed in the CPA]
[Justification on the compliance of the requirements on the local stakeholder process according to the list provided in PoA-DD section D1]

D.3. Summary of the comments received:

[Description of comments received]

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

[Description on how due account was taken of any comments received]

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Annex 1

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

Organization:	Up Energy Group Inc.
Street/P.O.Box:	182 2nd Street,
Building:	Suite 400
City:	San Francisco
State/Region:	CA
Postcode/ZIP:	94105
Country:	USA
Telephone:	+ 1 415 475-9549
FAX:	
E-Mail:	erik@upenergygroup.com
URL:	http://www.upenergygroup.com
Represented by:	
Title:	Managing Director, Up Energy Group Inc.
Salutation:	Mr.
Last name:	Wurster
Middle name:	
First name:	Erik
Department:	
Mobile:	
Direct FAX:	
Direct tel:	
Personal e-mail:	

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

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Annex 2

INFORMATION REGARDING PUBLIC FUNDING

[Description]

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Annex 3

BASELINE INFORMATION

[Description]

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Annex 4

MONITORING INFORMATION

[Description]

Annex 5

ER EX-ANTE CALCULATIONS

[Description]

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Annex 6

NRB Study

[Description]
