




Validation report form for post-registration changes for CDM programme of activities
(version 01.0)

Complete this form in accordance with the "Attachment: Instructions for filling out the validation report form for post-registration changes for CDM programme of activities" at the end of this form.

VALIDATION REPORT ON POST-REGISTRATION CHANGES (PRCs)

Title and reference number of the programme of activities (PoA)	Improved Cookstoves Program in Honduras "Vida Mejor con Ecofogones de Alto Rendimiento" Ref No: PoA 9176
Process track	<input type="checkbox"/> Prior approval <input checked="" type="checkbox"/> Issuance <input type="checkbox"/> Renewal of crediting period
Version number of the validation report on PoA PRCs	2.0
Completion date of the validation report on PoA PRCs	17/03/2017
Version number of PoA-DD and/or CPA-DD applicable to this validation report	PoA DD: Version 5.0 CPA DD (9176-0001): Version 05.1
Type(s) of PoA PRCs	<input type="checkbox"/> Temporary deviations from the registered monitoring plan, monitoring methodology or standardized baseline <input checked="" type="checkbox"/> Corrections <input type="checkbox"/> Changes to the start date of the crediting period <input type="checkbox"/> Inclusion of a monitoring plan to a registered PoA <input type="checkbox"/> Permanent changes from registered monitoring plan, monitoring methodology or standardized baseline <input type="checkbox"/> Types of changes specific to afforestation and reforestation activities <input type="checkbox"/> Changes to the programme design of a registered PoA <input type="checkbox"/> Changes to project design of generic component project activities or specific-case component project activities
Coordinating/managing entity (CME)	Envirofit International Ltd
Host Party(ies)	Honduras
Sectoral scope(s)	3: Energy demand
Selected methodology(ies)	AMS-II.G. version 6.0 - Energy efficiency measures in thermal applications of non-renewable biomass
Selected standardized baseline(s), where applicable	Not Applicable

Name of DOE	Earthood Services Private Limited
Name, position and signature of the approver of the validation report on PoA PRCs	 Dr. Kaviraj Singh Managing Director

SECTION A. Executive summary

The Programme of Activities (PoA) involves distribution of improved cook stoves (ICS) in the Honduras. The ICSs applied in this PoA have been designed to match the traditional utensils and cooking habits of the target consumers in host country and are more efficient in transferring heat from the fuel to the pot when compared to the stoves typically being used in the baseline. The improved cook stoves replace the inefficient conventional cook stoves and lead to reduction in GHG emissions by equivalent reduction in use of non-renewable biomass. Envirofit International Ltd. is the coordinating/managing entity(CME) for the PoA.

The PoA was implemented as per description and design specified in the registered PoA DD, which was verified by the assessment team during the site visit.

The basic details of the PoA are mentioned below:

PoA title	Improved Cookstoves Program in Honduras “Vida Mejor con Ecofogones de Alto Rendimiento”
UNFCCC registration number	9176
Date of registration	15/06/2015
Sectoral scope	3; Energy Demand
Methodology/ies applied	AMS-II.G. Version 6.0, Energy efficiency measures in thermal applications of non-renewable biomass
Coordinating/managing entity(CME)	Envirofit International Ltd
Location of Project Activity	Honduras
Version of registered PoA-DD	5.0, dated 16/01/2015

The Component Project Activity(CPA) 9176-0001, is the first registered CPA under the PoA and involves dissemination of improved cook stoves in Honduras. The basic details of the CPA are mentioned below:

CPA title	Improved Cookstoves Program in Honduras “Vida Mejor con Ecofogones de Alto Rendimiento” – CPA No 001
UNFCCC registration number	9176-0001
Date of registration	15/06/2015
Sectoral scope	3; Energy Demand
Methodology/ies applied	AMS-II.G. Version 6.0, Energy efficiency measures in thermal applications of non-renewable biomass
CPA Implementer	Envirofit International Ltd. FUNDEIH
Location of CPA	Honduras
Version of registered CPA-DD	5, dated 16/01/2015
Version of the revised CPA-DD with PRC	5.1 dated 11/01/2017

Scope of validation

Earthood Services Private Limited is contracted by CME to perform the first verification of its specific case CPA viz., 9176-0001 for the monitoring period 15/06/2015 to 14/06/2016 (including both dates). During the verification, the CME has proposed the PRC in order to designate Fundación para el Desarrollo Integral de Honduras (FUNDEIH) as CPA Implementer (i.e a Distributing Organization (DO)) to reflect accurately FUNDEIH's role as the sole distributor of efficient stoves in the CPA's implementation. The operational and management plan of the CPA DD has been corrected in accordance with the proposed changes and the actual CPA implementation status. The scope of validation remains limited to the proposed changes in specific case CPA DD (mentioned above). This validation is an independent and objective review of the post registration changes proposed in revised specific case CPA DD against latest CDM Validation and Verification Standard (VVS), Project Standard (PS), Project Cycle Procedures (PCP) and other related requirements, as appropriate.

Validation process

The validation process is undertaken by the validation team, involving a desk review of proposed changes as submitted by CME, undertaking site visit (if necessary), interview or interactions with the representative of CME, reporting and closure of findings, as appropriate and preparing a draft validation report complying with

the CDM requirements. The validation report prepared by the validation team is reviewed by an independent Technical Review team.

The final validation report that is accepted by Technical Reviewer is then approved on behalf of Earthood Services Private Limited and processed further as per CDM procedures.

Conclusion

The description in the revised CPA DD version 05.1, is in compliance with the registered PoA-DD and meets all relevant UNFCCC requirements for the CDM and correctly applies the selected baseline and monitoring methodology.

This report is the assessment opinion of the changes proposed in the CPA DD. The PRC request is being submitted as part of issuance, as the changes are accepted as corrections, and is exempted from prior approval as per Appendix 1 of the project standard, version 09.0.

SECTION B. Validation team, technical reviewer and approver

B.1. Validation team member

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of DOE or outsourced entity)	Involvement in			
						Desk review	On-site inspection	Interview(s)	Validation findings
1.	Team Leader	IR	Deka	Nayan Jyoti	Central office	Y	Y	Y	Y
2.	Technical expert	IR	Deka	Nayan Jyoti	Central office	Y	Y	Y	Y
3.	Verifier	IR	Mahala	Deepika	Central Office	Y	N	N	Y
4.	Methodological Expert	IR	Gupta	Anshika	Central office	Y	N	N	Y
5.	Local expert	EI	Valladares	Katherine	Central office	Y	N	N	Y

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

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of DOE or outsourced entity)
1.	Technical reviewer	EI	Chaudhary	Anu	Central Office
2.	Technical Expert to TR	EI	Chaudhary	Anu	Central Office
3.	Approver	IR	Singh	Kaviraj	Central Office

SECTION C. Means of validation

C.1. Desk review

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

C.2. On-site inspection

Duration of on-site inspection: 07/12/2016 to 09/12/2016				
No.	Activity performed on-site*	Site location	Date	Team member**
1.	Physical site visit: Households visited (implementation of PoA and CPA)	Honduras	07/12/2016 to 09/12/2016	Nayan Jyoti Deka
2.	Review of information flows for generating, aggregating and reporting the monitoring parameters	Honduras	07/12/2016 to 09/12/2016	Nayan Jyoti Deka
3.	Cross check between information provided in the monitoring report and data from other sources such as project database, sales receipts etc;	Honduras	07/12/2016 to 09/12/2016	Nayan Jyoti Deka
4.	A check of the monitoring equipment including calibration performance and observations of monitoring practices against the applicable requirements	Honduras	07/12/2016 to 09/12/2016	Nayan Jyoti Deka
5.	Identification of quality control and quality assurance procedures in place to prevent or identify and correct any errors or omissions in the reported monitoring parameters	Honduras	07/12/2016 to 09/12/2016	Nayan Jyoti Deka

*As part of verification. No separate site visit was conducted for the scope of validation of PRCs.

**Complete team is indicated in verification report

C.3. Interviews

No.	Interviewee			Date [#]	Subject	Team member
	Last name	First name	Affiliation			
1.	Lohia	Rohit	Envirofit International Ltd.	20/11/2016	Assessment of PRC in revised specific CPA DD	Nayan Jyoti Deka

[#]The details are limited to proposed PRC and not verification. For verification scope, please refer verification report

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

Areas of validation findings	No. of CL	No. of CAR	No. of FAR
Compliance with PoA-DD and/or CPA-DD form(s)	-	-	-
Temporary deviations from the registered monitoring plan, monitoring methodology or standardized baseline	-	-	-
Corrections	-	-	-
Changes to the start date of the crediting period	-	-	-
Inclusion of a monitoring plan in a registered PoA	-	-	-
Permanent changes from registered monitoring plan, monitoring methodology or standardized baseline	-	-	-
Types of changes specific to afforestation and reforestation project activities	-	-	-
Changes to the programme design of a registered PoA	-	-	-
Changes to project design of generic component project activities or specific-case component project activities	-	-	-
Others (please specify)	-	-	-
Total	-	-	-

SECTION D. Validation findings

D.1. Compliance with PoA-DD and/or CPA-DD form(s)

Means of validation	The validation team reviewed the revised specific case CPA DD /4/ that was provided by CME as part of proposed PRC and compared them with the current valid templates/forms for CPA DD /3/ as available at UNFCCC website and found that these were consistent.
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	The validation team also reviewed the registered PoA DD /1/ and specific case registered CPA DD /3/ and found that the information transferred in the revised specific CPA DD /4/ is materially same except the changes highlighted/discussed/validated in this report.
Findings	No findings
Conclusion	The validation team confirms that the proposed post registration change as included in the revised CPA DD /4/ (both clean and tracked versions) were presented by using the valid version of CPA DD forms /16/ and were in compliance with the instructions contained therein. The CME has used later versions of CPA DD forms /16/ and the validation team confirms that the information transferred in this process is materially the same except the proposed post registration changes (listed in further sections).

D.2. Temporary deviations from the registered monitoring plan, monitoring methodology or standardized baseline

Means of validation	Not Applicable
Findings	Not Applicable
Conclusion	Not Applicable

D.3. Corrections

Means of validation	<p>The CME has proposed (as per para 275 of CDM PS) corrections in the registered CPA DD /3/ and informed (as per para 276(a) of CDM PS) the same to the validation team. The corrections were proposed in specific CPA DD (9176-0001) /3/ as per para 1 of Appendix 1 of CDM PS.</p> <p>The proposed correction is to designate FUNDEIH as the CPA Implementer i.e. Distributing organization (DO) instead of Envirofit International Ltd. for the CPA No 001.</p> <p>The role of FUNDEIH as DO has been validated based on the following:</p> <ol style="list-style-type: none"> 1. The contractual agreement between the CME (Envirofit) and the DO (FUNDEIH)/19/ confirms that the task of ICS distribution has been assigned to the latter by the former. The contract also clarifies that the DO is aware and have agreed that their activity is being subscribed to the PoA. Therefore, it fulfils the Eligibility criteria #04 listed in the PoA DD/1/. 2. FUNDEIH is the sole entity involved in ICS distribution under the CPA. This has been confirmed by the CME that no other entity has been contracted by CME for ICS distribution under the CPA. 3. The CPA distribution records/18/ include the logo of FUNDEIH. Interviews with personnel at FUNDEIH, during the site visit, confirmed their involvement in physical stove distribution, collection of end user information at the time of ICS distribution via CPA distribution records. This further substantiates their direct involvement in the on-ground CPA implementation. <p>Therefore, it can be concluded that name of FUNDEIH was missed as the DO during the registration as CME was not sure about extent of their involvement in the CPA at the time of registration.</p> <p>The information provided in the revised CPA DD is in-line to the actual situation and also in compliance with the PoA operational and management plan specified in PoA-DD.</p> <p>In Addition to this, there are also minor editorial corrections in the CPA DD which do not change the meaning of the sentences stated.</p>
Findings	No findings
Conclusion	The validation team confirms that none of the proposed changes are constrained by the applied methodologies and therefore are in line to the applied methodologies /6/ and registered PoA-DD/1/.

	<p>The validation team confirms that proposed changes and all other changes (minor editorial changes) do not affect the CPA design and scale of the CPA in any manner and therefore complying with para 1 of Appendix 1 of CDM PS. Therefore, it was found that the proposed changes do not require prior approval from CDM EB in this regard.</p> <p>The proposed changes in the information in the revised CPA DD makes it more accurate reflection of the actual situation. Thus, it has been submitted along with the request of issuance.</p>
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D.4. Changes to the start date of the crediting period

Means of validation	Not Applicable
Findings	Not Applicable
Conclusion	Not Applicable

D.5. Inclusion of a monitoring plan in a registered PoA

Means of validation	Not Applicable
Findings	Not Applicable
Conclusion	Not Applicable

D.6. Permanent changes from registered monitoring plan, monitoring methodology or standardized baseline

Means of validation	Not Applicable
Findings	Not Applicable
Conclusion	Not Applicable

D.7. Types of changes specific to afforestation and reforestation activities

Means of validation	Not Applicable
Findings	Not Applicable
Conclusion	Not Applicable

D.8. Changes to the programme design of a registered PoA

Means of validation	Not Applicable
Findings	Not Applicable
Conclusion	Not Applicable

D.9. Changes to project design of generic component project activities or specific-case component project activities

Means of validation	Not Applicable
Findings	Not Applicable
Conclusion	Not Applicable

SECTION E. Internal quality control

The draft validation report prepared by validation team is reviewed by an independent technical review team (one or more members) to confirm if the internal procedures established and implemented by Earthood Services Private Limited were duly complied with and whether such opinion/conclusion were reached in an objective manner that complies with the applicable CDM rules/requirements. The technical review team is collectively required to possess the technical expertise of all the technical area/sectoral scopes the project activity / PoA falls into. All team members of technical review team were independent of the validation team.

During the technical review process additional findings may be identified or the closed out findings may be opened, which needs to be satisfactorily resolved by validation team before the validation report/opinion is finalized. The independent technical reviewer may either approve the report as such or reject/return the same in such case providing the comments/findings/issues that needs to be resolved by the validation team.

The decision taken by the Technical Reviewer is final and is authorized by the Managing Director on behalf of Earthood Services Private Limited

SECTION F. Validation opinion

Earthood Services Private Limited (Earthood) has performed the validation of the post registration changes of the PoA 9176: Improved Cookstoves Program in Honduras “Vida Mejor con Ecofogones de Alto Rendimiento” by Envirofit International Ltd.

The validation was performed on the basis of rules and requirements defined by UNFCCC for the CDM project activities. The review of the registered PoA DD, revised specific CPA DD, supporting documentation and subsequent follow-up actions (including onsite visit and interviews), have provided Earthood with sufficient evidence to determine the fulfilment of stated criteria. The proposed change is to include FUNDEIH as the distribution organization in the CPA DD.

The description in the revised CPA DD meets all relevant UNFCCC requirements for the CDM and correctly applies the selected baseline and monitoring methodology.

This report is the combined assessment opinion for the change that is proposed in the CPA DD and request is submitted as part of issuance, as the changes were accepted as correction.

Appendix 1. Abbreviations

Abbreviations	Full texts
CAR	Corrective Action Request
CDM	Clean Development Mechanism
CDM PCP	Clean Development Mechanism Project Cycle Procedure
CDM PS	Clean Development Mechanism Project Standard
CDM VVS	Clean Development Mechanism Validation and Verification Standard
CER	Certified Emission Reduction
CL	Clarification Request
CME	Coordinating or Managing Entity
CPA	Component Project Activity
CP	Crediting period
DOE	Designated Operational Entity
DNA	Designated National Authority
EB	Executive Board
ESPL	Earthood Services Private Limited
FAR	Forward Action Request
GHG	Greenhouse Gas(es)
ICS	Improved Cook Stove
IPCC	Intergovernmental Panel on Climate Change
MIS	Management Information System
PDD	Project Design Document
RMP	Registered monitoring plan
TA	Technical Area (with in Sectoral Scope)
TR	Technical Reviewer
VVS	Validation and Verification Standard
UNFCCC	United Nations Framework Convention on Climate Change
FUNDEIH	Funacion para el Desarrollo Integral de Honduras

Appendix 2. Competence of team members and technical reviewers

Competence Statement	
Name	Nayan Jyoti Deka
Country	India
Education	M.Tech. (Energy Technology), Tezpur University
Experience	8 Years +
Field	Climate Change & Energy Management
Approved Roles	
Team Leader	YES
Validator	YES
Verifier	YES
Methodology	AMS-I.D., AMS-III.H., AMS-I.C., ACM0006, ACM0002

Expert			
Local expert	YES (India)		
Financial Expert	NO		
Technical Reviewer	YES		
TA Expert (1.1, 1.2, 3.1, 13.1)	YES		
Reviewed by	Abhishek Mahawar	Date	08/09/2016
Approved by	Ashok Kumar Gautam	Date	08/09/2016

Competence Statement			
Name	Deepika Mahala		
Country	India		
Education	M. Sc. (Environmental Mgmt), GGSIP University B.Sc. Honours (Chemistry), Sri Venkateshwar College, DU		
Experience	1.5 Year		
Field	Climate Change		
Approved Roles			
Team Leader	NO		
Validator	NO		
Verifier	NO		
Methodology Expert	NO		
Local expert	YES (India)		
Financial Expert	NO		
Technical Reviewer	NO		
TA Expert	NO		
Trainee (Validator/Verifier)	YES		
Reviewed by	Abhishek Mahawar	Date	08/09/2016
Approved by	Ashok Kumar Gautam	Date	08/09/2016

Competence Statement			
Name	Anshika Gupta		
Country	India		
Education	M.Sc. (Climate Science & Policy), TERI University		
Experience	2 Year +		
Field	Climate Change		
Approved Roles			
Team Leader	YES		
Validator	YES		
Verifier	YES		
Methodology Expert	AMS-I.A., AMS-II.G., ACM0002, AMS-III.A.V.		
Local expert	YES (India)		
Financial Expert	NO		
Technical Reviewer	NO		
TA Expert (1.2, 3.1)	NO		
Reviewed by	Abhishek Mahawar	Date	08/09/2016
Approved by	Ashok Kumar Gautam	Date	08/09/2016

Competence Statement			
Name	Katherine Valladares		
Country	Honduras		
Education	University Degree (Environmental Engg.)		
Experience	3 yrs		
Field	Environmental Science		
Approved Roles			
Team Leader	NO		
Validator	NO		
Verifier	NO		
Methodology Expert	NO		
Local expert	YES (Honduras)		
Financial Expert	NO		
Technical Reviewer	NO		
TA Expert	NO		
Reviewed by	Abhishek Mahawar	Date	01/12/2016
Approved by	Ashok Kumar Gautam	Date	01/12/2016

Competence Statement			
Name	Anu Chaudhary		
Country	India		
Education	Master of Science (Environmental Management)		
Experience	14 yrs		
Field	Environmental Science, CDM		
Approved Roles			
Team Leader	YES		
Validator	YES		
Verifier	YES		
Methodology Expert	ACM0001, AMS.II.G, AM0011, AMS.III.G, AMS.III.E, ACM0002, AMS.III.B, AMS.I.D, AMS.I.C, AMS.III.D, AMS.II.J, ACM0006		
Local expert	YES (India)		
Financial Expert	NO		
Technical Reviewer	YES		
TA Expert	YES (1.2 & 13.1)		
Reviewed by	Abhishek Mahawar	Date	12/12/2016
Approved by	Ashok Kumar Gautam	Date	12/12/2016

Appendix 3. Documents reviewed or referenced

No.	Author	Title	References to the document	Provider
1.	CME	Registered PoA DD	Version 5.0, dated 16/01/2015	Other
2.	UNFCCC	Validation report	Version 4.0, dated 11/06/2015	Other

3.	CME	Registered CPA DD (9176-0001)	Version 5.0, dated 16/01/2015	Other
4.	CME	Revised CPA DD	Version 05.1	CME
5.	DNV	CPA validation report	Version 4.0, dated 11/06/2015	Other
6.	UNFCCC	Methodology AMS II.G.	version 06	Other
7.	CME	Monitoring report (Publication)	Version 1.0, dated 11/10/2016	CME
8.	CME	Monitoring report (Final version)	Version 3.0, dated 15/03/2017	CME
9.	CME	ER calculation sheet (Initial)	-	CME
10.	CME	ER calculation sheet (Final)	-	CME
11.	IPCC	IPCC Defaults	2006	Other
12.	UNFCCC	CDM VVS	Version 09	Other
13.	UNFCCC	CDM PS	Version 09	Others
14.	UNFCCC	CDM PCP	Version 09	Others
15.	UNFCCC	CDM-PoA-MR-FORM	Version 1.0	Others
16.	UNFCCC	CDM-CPA-DD-FORM	Version 5.0	
17.	Envirofit & FUNDEIH	Distribution database	2013-2016	CME
18.	FUNDEIH	Details of End users filled at the time of installation process	2013-2015	CME
19.	Envirofit & FUNDEIH	Agreement between CME & FUNDEIH	09/01/2006	CME

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

Table 1. CL from this validation

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

Table 2. CAR from this validation

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

Table 3. FAR from this validation

No FAR has been raised.

Document information

Version	Date	Description
01.0	5 June 2015	Initial publication.

Decision Class: Regulatory
Document Type: Form
Business Function: Registration
Keywords: post-registration change, programme of activities, validation report