

PROJECT REVIEW REPORT

This document tracks the findings raised in Verra's review of the project specified below. The VVB must address the findings before the project request can be considered by Verra for approval. The document will be made publicly available on the Verra Registry. Confidential information may be provided as separate attachments.

Review Type	Joint Validation & Verification		
Project ID	2664 2664		
Project Name	Installation of High Efficient Cook Stoves by EKI Energy Services Limited		
Program(s)	VCS		
Verification Period	15-February-2020 to 31-December-2021		
Project Proponent	EKI Energy Services Limited		
Methodology	VMR0006.: Methodology for Installation of High Efficiency Firewood Cookstoves" Version 1.1		
VVB	TÜV SÜD South Asia Pvt.		
Assessment Criteria	VCS Standard, v4.2		
Date of First Issue	06-October-2022		
Review Conclusion	Approved		
Date of Final Issue	23 November 2022		



ASSESSMENT FINDINGS				
	Description	Response	Status	
	Contribution to achieving nationally stated sustainable development proprieties: Issue: The description of how the project contributes to achieving any nationally stated sustainable development proprieties, including any provision for monitoring and reporting has not been provided in the Section 1.17 of the Joint PD & MR. Action required: The VVB shall ensure that the description of how the project contributes to achieving any nationally stated sustainable development proprieties, including any provision for monitoring and reporting has been provided in the Section 1.17 of the Joint PD & MR. Program rule(s) or methodology section: VCS Joint Project Description & Monitoring Report Template VCS Version 4.0 Section 1.17	Round1: VVB Response: Project contribution towards achieving nationally (subnationally for the project activity as SD goals, targets and milestones are set out at the subnational level) stated sustainable development proprieties are outlined under section 1.17.1 of the PD &MR. Verra Review: The Joint PD-MR has been revised to include how the project contributes to nationally determined SD goals, targets and milestones	Closed	
	 Local stakeholder consultation: Issue: a) The mechanism for on-going communication with local stakeholders is not clear (e.g. how stove user can contact with the PP) along with all relevant details in the Section 2.2 of the Joint PD & MR. b) It is not clarified in the Section 2.2 of the Joint PD & MR how grievances are addressed in line with established channels for ongoing stakeholder engagement. c) The details about the local stakeholder consultation including the number and profile of attendees, how the comments/questions 	Round1: VVB Response: The mechanism for ongoing communication with local stakeholders, grievances recording and redressal mechanism, detailed stakeholders(attendees) profile and modalities for ongoing communication are being outlined under section 2.2 of the PD&MR and on-going communication with local stakeholders have now been	Closed	



have been taken etc. have not been included in the Section 2.2 of the Joint PD & MR.

d) The VVB has not assessed details of the mechanism for on-going communication with local stakeholders have not been provided in the Section 3.3.2 of the Joint Validation & Verification Report.

Action required:

- a) The VVB shall ensure that the mechanism for on-going communication with local stakeholders has been clarified (e.g. how stove user can contact with the PP) along with all relevant details in the Section 2.2 of the Joint PD & MR.
- b) The VVB shall ensure that how grievances are addressed in line with established channels for ongoing stakeholder engagement in the Section 2.2 of the Joint PD & MR.
- c) The VVB shall ensure that the details about the local stakeholder consultation including the number and profile of attendees, how the comments/questions have been taken etc. have been included in the Section 2.2 of the Joint PD & MR.
- d) The VVB shall explain how it validated the mechanism for on-going communication with local stakeholders as described in the Section 3.3.2 of the Joint Validation & Verification Report.

Program rule(s) or methodology section:

VCS Joint Project Description & Monitoring Report Template VCS Version 4.0 Section 2.2

VCS Joint Validation & Verification Report Template Version 4.0 Section 3.3.2

provided in the Section 3.3.2 of the Joint Validation & Verification Report

Verra Review:

The details of stakeholder process and a mechanism for ongoing stakeholder engagement (grievance register) are now outlined in the Joint PD-MR and the revised VR.

The VVB has explained how it validated the same

3 Incomplete monitoring plan

Issue:

- a) The roles and responsibilities have not been provided in the Section 5.3 of the Joint PD & MR.
- The procedures used for handling any internal auditing performed and identified non-conformities haven't been included in the Section 5.3 of the Joint PD & MR.

Round1:

VVB Response:

 The roles and responsibilities for carrying out monitoring activities are outlined in Section 5.3 of the Joint PD & MR Closed



- c) The required information for recording of each distributed ICS provided in the Section 5.3 of the Joint PD & MR is not fully in compliance with the applied methodology. (e.g. geographic area of distribution and model/type of ICS distributed)
- d) It is not clear in Section 5.3 of the Joint PD & MR how the baseline stoves, if any, are being used along with project stoves will be checked as part of the annual survey as in the applied methodology.
- e) The VVB has not included an assessment of the proposed sampling approach in Section 4.2 of the Joint Validation & Verification Report.
- f) The provided sampling dates are inconsistent in the Section 4.2 of the Joint Validation & Verification Report.
- g) The assessment of annual survey conducted by PP has not been included in the Section 4.2 of the Joint Validation & Verification Report.

How acceptance sampling has been carried out from the installation database instead of PP's own sample has not been provided in the Section 4.2 of the Joint Validation & Verification Report. **Action required:**

- a) The VVB shall ensure that roles and responsibilities have been provided in the Section 5.3 of the Joint PD & MR.
- b) The VVB shall ensure that the procedures used for handling any internal auditing performed and identified non-conformities have been included in the Section 5.3 of the Joint PD & MR.
- c) The VVB shall ensure that the required information for recording of each distributed ICS provided in the Section 5.3 of the Joint PD & MR is fully in compliance with the applied methodology.
- d) The VVB shall ensure that Section 5.3 of the Joint PD-MR includes procedures of how the baseline stoves, if any, being used along with project stoves will be checked as part of the annual survey as prescribed in the applied methodology.
- e) The VVB shall include the assessment about the appropriateness of the proposed and implemented sampling approach in the Section 4.2 of the Joint Validation & Verification Report.
- f) The VVB shall check and correct the provided sampling dates in the Section 4.2 of the Joint Validation & Verification Report.
- g) The VVB shall include its assessment of the annual survey conducted by PP in the Section 4.2 of the Joint Validation & Verification Report.

- The process of internal audit adopted/performed is included under section 5.3 of the PDD
- Required information for each ICS (other than sales record since the ICS were only distributed and not sold to beneficiaries) are included in the Section 5.3 of the Joint PD & MR
- 4. The project participant as part of sample survey monitors on whether beneficiary uses traditional cookstoves (baseline stoves) along with project stoves. The same is included as part of monitored parameter under section 5.3 of the Joint PD & MR.
- The assessment of the proposed sampling is included in Section 4.2 of the Joint Validation & Verification Report
- The sampling dates has been made consistent in Section 4.2 of the Joint Validation & Verification Report
- The assessment of annual survey is included in Section 4.2 of the Joint Validation & Verification Report

Verra Review:

The joint PD-MR has been revised fully addressing the above points



h) The VVB shall explain clearly in the Section 4.2 of the Joint Validation & Verification Report that how acceptance sampling has been carried out from the installation database instead of PP's own sample.

Program rule(s) or methodology section:

VCS Joint Project Description & Monitoring Report Template VCS Version 4.0 Section 5.3

VCS Joint Validation & Verification Report Template Version 4.0 Section 4.2

4 Missing information about the manual transposition errors between data sets:

Issue:

The VVB does not describe the steps taken to assess manual transposition errors between data sets or data transfer from hard copies, in Section 4.2 of the Joint Validation & Verification Report.

Action required:

The VVB shall include and assess the steps taken to assess whether there are manual transposition errors between data sets are described in the Section 4.2 of the Joint Validation & Verification Report.

Program rule(s) or methodology section:

VCS Joint Validation & Verification Report Template Version 4.0 Section 4.2

5 Missing information about applied tools:

Issue:

a) The version number of the tools referred in the applied methodology has not been included in the Section 3.1 of the Joint PD & MR.

Round1:

VVB Response: The two steps cross verification process after initial data validation and tabulation by team members of distributor adopted by the project participant including cross verification by team members of EKISL and periodic internal audit, to avoid any transposition errors between data sets or data transfer from hard copies, in Section 4.2 of the Joint Validation & Verification Report.

Verra Review:

Revised as required

Round1:

VVB Response:

 The version number of the applied tool is included in the Section 3.1 of the Joint PD & MR Closed

Closed



b) The applied tools referred in the applied methodology have not been included in the Section 3.4.1 of the Joint Validation & Verification Report. The version number of the applied tool is included in the Section 3.4.1 of the Joint Validation & Verification Report.

Action required:

- a) The VVB shall ensure that the version number of the tools referred in the applied methodology has been included in the Section 3.1 of the Joint PD & MR.
- b) The VVB shall include the applied tools referred in the applied methodology in the Section 3.4.1 of the Joint Validation & Verification Report.

Verra Review:

The CDM Methodological TOOL 30 has now been included in the Joint PD-MR and VP

Program rule(s) or methodology section:

VCS Joint Project Description & Monitoring Report Template VCS Version 4.0 Section 3.1

VCS Joint Validation & Verification Report Template Version 4.0 Section 3.4.1

6 Inconsistent information about remote site visit date and missing information about remote site visit:

Round1:

Closed

Issue:

- a) The date of remote site visit has been provided inconsistently in the Section 2.3 of the Joint Validation & Verification Report.
- b) The methods/tools implemented during the remote site visit have not been included in detailed manner in the Section 2.3 of the Joint Validation & Verification Report.

Action required:

- a) The VVB shall provide date of remote site visit consistently in the Section 2.3 of the Joint Validation & Verification Report.
- b) The VVB shall explain in detailed manner which methods/tools have been implemented during the remote site visit in the Section 2.3 of the Joint Validation & Verification Report (e.g. whether photographs

VVB Response:

- The date of remote site visit has been made consistent in Section 2.3 of the Joint Validation & Verification Report
- The methods/tools implemented during the remote site visit have been included in detailed manner in the Section 2.3 of the Joint Validation & Verification Report.

Verra Review:

a) The dates have been revised and are now consistent in Section 2.3



of the ICS with their unique identifications were taken and furnished to the VVB, or whether video evidence was applied during the remote interviews etc.).

b) OK updated as required

Program rule(s) or methodology section:

VCS Joint Validation & Verification Report Template Version 4.0 Section 2.3

7 Incomplete information and assessment of the baseline scenario:

Issue

- a) The description about the establishment of baseline scenario has not been included in the Section 3.4 of the Joint PD & MR.
- b) The baseline technology and fuels have not been described to justify the default value of 0.1.in the Section 3.4 of the Joint PD & MR.
- c) It has not been clarified in the Section 3.4 of the Joint PD & MR if the project is targeted only users with traditional (three-stone fire) stoves in the baseline and how the same will be checked.

Action required:

- a) The VVB shall ensure that the description about the establishment of baseline scenario has been included in the Section 3.4 of the Joint PD & MR.
- b) The VVB shall ensure that the baseline technology and fuels have been described to justify the default value of 0.1.in the Section 3.4 of the Joint PD & MR.
- c) The VVB shall ensure that if the project targets only users with traditional (three-stone fire) stoves in the baseline and how the same has been checked or will be checked in the Section 3.4 of the Joint PD & MR.

Program rule(s) or methodology section:

VCS Joint Project Description & Monitoring Report Template VCS Version 4.0 Section 3.4

Round1:

WB Response:

- The baseline scenario is included in Section 3.4 of the Joint PD & MR
- Since the selection of beneficiary under the project activity are on the basis of use traditional cook stoves without chimney, flue gas ventilation system and grate as outlined in Section 3.4 of the Joint PD & MR the default value of 0.1 is considered.
- 3. Clarification relating to beneficiary selection criteria of considering beneficiary only using traditional (three-stone fire) stoves in the baseline and physical verification of the same during signing of end user agreement during cookstove handover is outlined in Section 3.4 of the Joint PD & MR.

Verra Review:

Section 3.4 of the MR has been revised addressing all the three points as raised



7 Missing overall conclusions by VVB:

Issue:

- a) The overall conclusion whether the Joint PD & MR is accurate, complete and provides and understanding of the nature of the project hasn't been provided in the Section 3.1 of the Joint Validation & Verification Report.
- b) The overall conclusion about the identification of the baseline scenario hasn't been included in the Section 3.4.4 of the Joint Validation & Verification Report.
- c) The overall statement that project correctly applied the methodology and tools, and has correctly calculated baseline, project, leakage and net GHG ERRs hasn't been provided in the Section 3.4.6 of the Joint Validation & Verification Report.
- d) The overall conclusion regarding the appropriateness of the monitoring plan and conformance with the applied methodology hasn't been provided in the Section 3.4.8 of the Joint Validation & Verification Report.

Action required:

- a) The VVB shall provide overall conclusion whether the Joint PD & MR is accurate, complete and provides and understanding of the nature of the project in the Section 3.1 of the Joint Validation & Verification Report.
- b) The VVB shall provide overall conclusion about the identification of the baseline scenario in the Section 3.4.4 of the Joint Validation & Verification Report.
- c) The VVB shall provide overall statement that project correctly applied the methodology and tools, and has correctly calculated baseline, project, leakage and net GHG ERRs in the Section 3.4.6 of the Joint Validation & Verification Report.
- d) The VVB shall provide overall conclusion regarding the appropriateness of the monitoring plan and conformance with the applied methodology in the Section 3.4.8 of the Joint Validation & Verification Report.

Program rule(s) or methodology section:

Round1:

VVB Response:

- e) The overall conclusion has been provided in the Section 3.1 of the Joint Validation & Verification Report.
- f) The overall conclusion about the identification of the baseline scenario have been been included in the Section 3.4.4 of the Joint Validation & Verification Report.
- g) The overall statement has been provided in the Section 3.4.6 of the Joint Validation & Verification Report.
- h) The overall conclusion regarding the appropriateness of the monitoring plan and conformance with the applied methodology have been provided in the Section 3.4.8 of the Joint Validation & Verification Report.

Verra Review:

- The overall conclusion as required is provided in Section 3.1
- Identification of the baseline scenario is also sufficiently provided. Only HHs with three-stone fire will be eligible
- A concluding statement has been provided confirming correct application of the meth and tools
- The VR has been revised in Section 3.4.8 providing an appropriate conclusion



VCS Joint Validation & Verification Report Template Version 4.0 Sections 3.1 & 3.2 & 3.4.4 & 3.4.6 & 3.4.8

8 Incorrect reference to baseline emissions and missing information on the estimated annual average ERRs value:

Issue:

- a) The estimated annual average ERR value has not been included in the Section 1.1 of the Joint PD & MR.
- b) ER Calculation Excel Spreadsheet has not been provided to Verra for the review.
- The fNRB value in the Section 4.2 of Joint Validation & Verification Report.is not in line with the provided fNRB value in the Joint PD & MR.
- d) The assessment of fixed and monitored parameters, their respective values and units have not been provided in the Section 4.2 of Joint Validation & Verification Report.

Action required:

- a) The VVB shall ensure that the estimated annual average ERR value has been included in the Section 1.1 of the Joint PD & MR.
- b) The VVB shall ensure that the ER and fNRB Calculation Excel Spreadsheets are provided to Verra for the review.
- c) The VVB shall provide the detailed assessment of how it validated the correctness and suitability of fNRB value in the Section 4.2 of VCS Joint Validation & Verification Report & furnished Verra with the spreadsheet.
- d) The VVB shall ensure and include in the Section 4.2 of VCS Joint Validation & Verification Report that the fixed and monitored parameters, their respective values and units that are consistent with those in the Join PD & MR.

Program rule(s) or methodology section:

Round1:

VVB Response:

- a) Value of annual average ERR has been included in the Section 1.1 of the Joint PD & MR
- b) ER Calculation Excel Spreadsheet provided.
- c) The value of fNRB value in the Section 4.2 of Joint Validation & Verification has been made consistent with Joint PD & MR
- d) The fixed and monitored parameters, their respective values and units have been provided in the Section 4.2 of Joint Validation & Verification Report

Verra Review:

- a) Annual estimated ERRs are now included in Section 1.1 of the Joint PD-MR, consistent with the spreadsheet
- b) Ok as provided
- c) The fNRB value is not correct. The VVB is required to do its audit work with diligence, and correct the value indicated as 0.931.
- d) Fixed and monitored values have been included and assessed accordingly

Round2:



VCS Joint Project Description & Monitoring Report Template VCS Version VVB Response: 4.0 Section 1.1

VCS Joint Validation & Verification Report Template VCS Version 4.0 Section 4.2

Verra Review:

9 Missing analysis about the eligibility criteria for the inclusion of new project activity instances

Issue:

The analysis of how first instance meets each defined criterion in line with the requirements of the VCS Program Standard version 4.2 Sections 3.5.15 & 3.5.16 is missing in the Section 1.4 of the Joint PD & MR.

Action required:

The VVB shall ensure that the analysis of how first instance meets each of the defined criteria in line with the requirements of the VCS Program Standard have been included in the Section 1.4 of the Joint PD & MR.

Program rule(s) or methodology section:

VCS Joint Project Description & Monitoring Report Template VCS Version 4.0 Section 1.4

Round1:

VVB Response: The compliance of the first instance meeting the requirements of the VCS Program Standard version 4.2 is included in the Section 1.4 of the Joint PD & MR.

Verra Review:

The Joint PD-MR Section 1.4 now demonstrates how the first instance meets the set criteria for the grouped project

10 Incorrect reference to baseline emissions and missing information about Round1: the estimated annual average ERR value

Issue:

- a) The equation used to calculate Ny,i,j is unclear and has not been described in the Section 4.4 of the Joint PD & MR.
- b) The ex-ante calculation the for the net GHG emission reductions has not been executed using appropriate discounting or drop-off rate based on experience in the Section 4.4 of the Joint PD & MR.

VVB Response:

- a) The equation for estimation of Ny,i,j is elaborated under section 4.4 of the Joint PD & MR.
- b) Elaboration of the consideration methodological default discounting or drop-off rate of efficiency and adjustment factor

Closed

v4.1 10

Closed



Action required:

- a) The VVB shall ensure that the equation used to calculate Ny,i,j has been described in the Section 4.4 of the Joint PD & MR.
- b) The VVB shall ensure that the ex-ante calculation the for the net GHG emission reductions has been executed using appropriate discounting or drop-off rate based on experience in the Section 4.4 of the Joint PD & MR.

Program rule(s) or methodology section:

VCS Joint Project Description & Monitoring Report Template VCS Version 4.0 Sections 1.1 & 4.2

is included under section 4.4 of the Joint PD & MR

Verra Review:

- a) Equation is clarified accordingly
- b) The elaboration is found to be sufficient

11 Incomplete information about the monitored parameters:

Issue:

- a) The lifespan parameter has not been included as a monitored parameter in the Section 5.2 of the Joint PD & MR as required by the applied methodology.
- b) In Section 3.4.8 and 4.2 of the Joint VR, the VVB describes 'Adjustment to account for any continued use of pre-project devices(μ).' The MR applies equation 4 in the estimation of B_{y,savings}. The VVB shall revisit Section 3.4.8 of the VR and ensure consistency with Section 5.2 of the Joint PD-MR.

Action required:

- a) The VVB shall ensure that the lifespan parameter has been included as one of the monitored parameters in the Section 5.2 of the Joint PD & MR as required by the applied methodology.
- b) The VVB shall ensure consistency and accuracy in reporting fixed and monitoring parameters in its report

Program rule(s) or methodology section:

Round1:

VVB Response:

- a) Since lifespan of the device is fixed and base don't he manufacturer specification the same is included under section 5.1 of the Joint PD & MR. However now included under section 5.2 of the Joint PD & MR.
- Section 3.4.8 of the Joint VR, has been modified

Verra Review:

- The lifespan is now included in Section 5.2 of the Joint PD-MR and Section 4.2 of the VR
- The same has been excluded in both the Joint PD-MR and the Joint VR

Closed



VCS Joint Project Description & Monitoring Report Template VCS Version 4.0 Section 5.2

12 Missing comparison of the ex-ante and ex-post realized net GHG emission reduction values

- a) The comparison of the ex-ante and ex-post realized net GHG emission reduction values has not been included in the Section 6.5 of the Joint PD & MR.
- b) All required information and details haven't been provided in the Section 4.3 of the Joint Validation & Verification Report in line with the relevant report template.

Action required:

- a) The VVB shall ensure that an analysis of the ex-ante and ex-post realized net GHG emission reduction values has been included in the Section 6.5 of the Joint PD & MR and VVB shall include its objective assessment of the same in the Section 4.3 of the Joint Validation & Verification Report.
- b) The VVB shall include all required information and details in line with the Section 4.3 of the Joint Validation & Verification Report in line with the relevant template requirements.

Program rule(s) or methodology section:

VCS Joint Project Description & Monitoring Report Template VCS Version 4.0 Section 6.5

VCS Joint Validation & Verification Report Template Version 4.0 Section 4.3

Round1

Closed

VVB Response:

- The comparison of the ex-ante and expost realized net GHG emission reduction values included in the Section 6.5 of the Joint PD & MR
- The required information provided in the Section 4.3 of the Joint Validation & Verification Report

Verra Review:

- The comparison is now included. Expost values are calculated as less than ex-ante values. No justification is due
- b) Section 4.3 of the Joint VR has been updated

13 Missing information in the summary section

Issue:

The purpose, scope of validation and verification and its conclusions haven't been provided in the summary section of the Joint Validation & Verification Report.

Action required:

Round1:

Closed

VVB Response:

The summary section has been included in the summary section of the Joint Validation & Verification Report.

Verra Review:

Updated as required



The VVB shall provide the purpose, scope of validation and verification and its conclusions in the summary section of the Joint Validation & Verification Report.

Program rule(s) or methodology section:

VCS Joint Validation & Verification Report Template VCS Version 4.0 Summary Section

14 Missing information on the reviewed documents and evidences

Issue:

The evidence(s) for project start date (ICS unique identification), the serial numbers/receipt taken to confirm no cost of the stoves and baseline survey reference as in the Joint PD & MR checked to confirm the n_{old} value and baseline scenario have not been provided in the Section 2.2 of the Joint Validation & Verification Report.

Action required:

The VVB shall include the evidence(s) for project start date (ICS unique identification), the serial numbers/receipt take to confirm no cost of the stoves and baseline survey reference as in the Joint PD & MR checked to confirm the nold value and baseline scenario in the Section 2.2 of the Joint Validation & Verification Report.

Program rule(s) or methodology section:

VCS Joint Validation & Verification Report Template Version 4.0 Section $2.2\,$

15 Incomplete information on assessment of the project start date

Issue:

The steps taken to assess and confirm the project start date in line with Section 3.7.1 of the VCS Standard version 4.2 in the Section 3.1 of the Joint Validation & Verification Report.

Action required:

Round1:

VVB Response: The evidence of project start date included in section 2.2 of the Joint Validation & Verification Report.

Verra Review:

The evidence is included and consistent with the spreadsheet 'Instances'.

Round1: Closed

VVB Response: The confirmation of the project start date is included in Section 3.1 of the Joint Validation & Verification Report.

Verra Review:

The same is included in Section 3.1 of the Joint $\ensuremath{\mathsf{VR}}$



The VVB shall include the steps taken to assess and confirm the project start date in line with Section 3.7.1 of the VCS Standard version 4.2 in the Section 3.1 of the Joint Validation & Verification Report.

Program rule(s) or methodology section:

VCS Joint Validation & Verification Report Template Version 4.0 Section 3.1

VCS Standard version 4.2 Section 3.7.1

16 Inconsistent VCS version reference and general formatting:

Issue:

- The VCS version applied at the time of validation has been referred inconsistently and incorrectly in the Joint Validation & Verification Report (e.g., Section 5 of the Joint Validation & Verification Report).
- b) The font size and color and table formats and size have been included inconsistently throughout the Joint Validation & Verification Report considering the relevant applicable template. (e.g. Sections 3.1, 3.4.8 and 4.2 etc.)

Action required:

- a) The VVB shall include applied VCS version consistently in the Joint Validation & Verification Report.
- b) The VVB shall include the font size and color and table formats and size consistently throughout the Joint Validation & Verification Report considering the relevant applicable template.

Program rule(s) or methodology section:

VCS Joint Validation & Verification Report Template Version 4.0

Round1:

VVB Response:

 The VCS version has been corrected in the Joint Validation & Verification Report

 b) The formatting error has been modified in the joint Validation & Verification Report

Verra Review:

- a) Corrected according to v4.0 of the Joint VCS VR template
- b) The response is satisfactory

Closed