

## QUALITY REPORT

# Energy Efficient Cook Stoves for Siaya Communities, Kenya

GS-1243 · GS · Kenya

Report ID: CM-3E53AA2C · Generated: 2026-04-19 · Scoring Methodology: General v2.0

**4.9**Overall Score  
out of 10

■ Integrity (35%)	<b>5.4</b>
■ Transparency (25%)	<b>4.8</b>
■ Claim Safety (25%)	<b>4.6</b>
■ Documentation (15%)	<b>4.1</b>

Weights: Integrity 35% · Transparency 25% · Claim Safety 25% · Documentation 15%

## Assessment Summary

The project has some strengths, including VVB-confirmed additionality, a quantified leakage treatment, and documented safeguards such as FPIC and a grievance mechanism. However, the validation record shows multiple corrective actions, open issues, and several inconsistencies across documents, which weakens confidence in the emissions claims and monitoring quality.

## Project Details

Registry	Gold Standard
Registry ID	GS-1243
Sector	industrial
Country	Kenya
Vintage	Recent
Project Methodology	TPDDTEC 4.0
Crediting Period	2025 — 2031
VVB	Earthood Services Limited
Verified ERs	289,372 tCO <sub>2</sub> e
Monitoring Period	2024 — 2024
Confidence	High
Documents Reviewed	46 documents reviewed
Scored	2026-04-19

## Red Flags

- Multiple material findings and corrective actions were raised, including inconsistencies in monitoring data, sales records, and emissions calculations.
- There are contradictions on key parameters such as the baseline approach, leakage deduction, credited emissions, and crediting period, which reduce reliability.

## Score Breakdown

### Integrity — 5.4 / 10

- + Additionality was confirmed by the VVB using a combined test, which is stronger than an unverified claim.
- The validation report records multiple CARs and a materiality breach, including overestimation of project technology days and inconsistencies in monitoring inputs.

The project benefits from VVB-confirmed additionality through a combined test, and the monitoring record shows a quantified leakage treatment rather than no treatment. However, the validation report describes a materiality breach, overestimation of project technology days, and multiple CARs tied to inconsistent monitoring inputs and sales records, which weakens the robustness of the emissions case.

### Transparency — 4.8 / 10

- + The monitoring period is clearly stated for 2024, and the verification report names Earthood Services Limited as the VVB.
- The record contains several unresolved or inconsistent figures, including differing emissions totals and a contradictory crediting period across documents.

The monitoring period for 2024 is clearly identified, and the VVB is named as Earthood Services Limited. At the same time, the record contains inconsistent emissions totals, template omissions in the monitoring report, and a contradictory crediting period between documents, so the public record is not fully clean or internally consistent.

### Claim Safety — 4.6 / 10

- + Leakage was quantified, and the monitoring record states a 0% deduction with justification that leakage effects were insignificant.
- The validation report also notes discrepancies in usage surveys, sales data, and emissions spreadsheets, which raises over-crediting risk.

The use of a quantified leakage treatment and a verified usage rate of 88.6% is a positive sign, and the project is not shown to have double registration. Still, the validation findings on inconsistent survey data, incorrect dates, and differing emissions figures create a meaningful risk of over-crediting, especially because the baseline approach is project-specific rather than a more conservative standardized baseline.

### Documentation — 4.1 / 10

- + The file set is broad, with 44 documents used and evidence of safeguards, FPIC, and benefit sharing described.
- Extraction confidence is only medium, and the validation report itself lists template omissions, open FARs, and several corrective actions.

The documentation set is relatively broad, with 44 documents used, and it includes safeguards such as FPIC, grievance handling, and benefit sharing. Even so, extraction confidence is only medium, the validation report notes several reporting deficiencies, and some corrective actions and an open FAR remain unresolved in the extracted record.

## Risk Indicators

● <b>Additionality</b>	VVB-confirmed combined test
● <b>Permanence</b>	No reversal events, but reversal treatment not clearly addre
● <b>Leakage</b>	Quantified, but contradictory treatment across documents
● <b>Baseline</b>	Project baseline with reassessment timing issues
● <b>Safeguards</b>	FPIC and grievance mechanism documented
● <b>Double-claim</b>	CORSIA/CCP status not stated

## What Would Improve This Score

→ Publish a reconciled emissions and monitoring pack that resolves all CAR-related inconsistencies, especially the differing emissions totals, usage figures, and crediting period.

→ Provide a clear, version-controlled baseline and leakage memo that explains which values govern and why, with explicit closure of any open FARs and corrective actions.

## Documents Reviewed

- GS 879\_Tembea\_Cook Stove \_ER Spreadsheet\_V01.2 ER.xlsx
- 211208\_Tembea\_Monitoring\_Report\_ver05.pdf
- (1)Monitoring Report\_6th monitoring period\_01.01.2017 to 31.12.2017\_v3.docx
- 190806\_Tembea\_Monitoring\_Report\_V04\_clean(1).docx
- GS879\_Tembea\_Monitoring\_Report\_ver1.4\_CC.docx
- 220127\_Tembea\_Cook Stove \_ER Spreadsheet\_V01.2(2).xlsx
- (1)Monitoring Report\_2nd monitoring period\_07.03.2012 to 12.31.2013\_v4.pdf
- GS 879\_Annual report.pdf
- (1)Monitoring Report\_4th monitoring period\_01.01.2015 to 31.12.2015\_v1.pdf
- Monitoring Report\_8th monitoring period\_01-01-2019 to 31-12-2019\_v43.pdf
- (1)Monitoring Report\_5th monitoring period\_01.01.2016 to 31.12.2016\_v3.pdf
- 191031\_Tembea\_Cook Stove \_ER Spreadsheet\_xlsx(1).xlsx
- (1)Monitoring Report\_1st monitoring period\_01.01.2011 to 02.07.2012\_v4.1.pdf
- 220118\_Tembea\_Monitoring\_Report\_ver01.2\_cc.pdf
- VR\_Clean.pdf
- Monitoring Report\_3rd monitoring period\_01-01-2018 to 31-12-2018\_v4.docx
- 211027\_Tembea\_Cook Stove \_ER Spreadsheet\_V03.xlsx
- GS879\_7MP\_Monitoring\_Report\_ver1.3\_CF.pdf
- GS 879\_Tembea\_Cook Stove \_ER\_V01.0(1).xlsx
- GS 879-Project-Design-Document\_cc.pdf
- GS879\_Tembea\_Monitoring\_Report\_ver1.3-CC.pdf
- GS879 - SDG-Impact-tool\_20-02-2026.xlsx
- GS+879\_7MP\_SDG-Impact-tool\_11032026.xlsx
- GS 879\_3CP\_exante\_Tembea\_Cook Stove \_ER Spreadsheet\_V1.0\_20-02-2026.xlsx
- GS4GG Transition Annex 03.07.2012.docx
- GS+879\_7MP\_ER\_V02.xlsx
- GS879 Local Stakeholder Consultation Review 30.06.2010\_v1.pdf
- GS879\_Project-Design-Document\_CC.pdf
- 111010\_GS\_Passport\_Tembea\_V01.pdf
- PDD 07.03.2018\_v3.2.5.docx
- Gold Standard Registry — GS-1243
- Gold Standard Assurance Platform — GS-1243
- FVR\_GS.VAL.24.114\_20260220\_Non-Confidential\_Public\_clean.pdf
- GS.VER.25.024\_GS879\_FVR\_Public\_CF.pdf
- GS Validation Report 04.12.2017\_v1.pdf
- 7. Verification report(1).pdf
- (1)Verification Report\_5th monitoring period\_01.01.2016 to 31.12.2016\_v1.2.pdf
- (1)Verification Report\_6th monitoring period\_01.01.2017 to 31.12.2017\_v1.1.pdf
- (1)Verification Report\_4th monitoring period\_01.01.2015 to 31.12.2015\_v1.1.pdf
- GS879\_FVR\_v1.3\_clean.pdf
- (1)Verification Report\_2nd monitoring period\_03.07.2012 to 31.12.2013\_rev1.2.pdf
- GS.VER.22.59\_FVR-Clean .pdf
- Verification Report\_3rd monitoring period\_01-01-2018 to 31-12-2018\_v4.pdf
- Verification Report Tembea 2022 Revised Nov 2022.pdf
- 2013-02-20 GS Final Verification Report\_Siaya.pdf
- Verification Report\_8th monitoring period\_01-01-2019 to 31-12-2019\_v12.pdf

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