

QUALITY REPORT

HomeBiogas Programme in Kenya

GS-3993 · Gold Standard · Kenya

Report ID: CM-33BCBD9A · Generated: 2026-04-11 · Scoring Methodology: General v2.0

4.9 Overall Score out of 10	■ Integrity (35%)	5.8
	■ Transparency (25%)	5.1
	■ Claim Safety (25%)	3.9
	■ Documentation (15%)	4.2

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

Assessment Summary

This is a Gold Standard biogas avoidance project with VVB-confirmed additionality and some safeguards documentation, but the record shows several material findings and multiple contradictions across reports. The project’s baseline and usage assumptions are partly supported, yet leakage treatment, permanence handling, and documentation quality are not strong enough to support a high-confidence claim.

Project Details

Registry	Gold Standard
Registry ID	GS-3993
Sector	biogas
Country	Kenya
Vintage	2023
Project Methodology	Methodology for Animal Manure Management and Biogas Use for Thermal Energy Generation V.1.1
Crediting Period	2022 — 2027
VVB	4K Earth Science Private Limited
Verified ERs	21,251 tCO2e
Monitoring Period	2024 — 2025
Confidence	Medium
Documents Reviewed	23 documents reviewed
Scored	2026-04-11

Red Flags

- The verification report lists multiple material findings and corrective actions, including concerns about the program name and potential overlap with another ongoing carbon activity.
- Leakage treatment is described as quantified in the latest verification report, but an earlier report said leakage was not addressed, creating a reliability concern.
- The project has no stated buffer pool, reversal events are not addressed, and the extraction confidence is low.

Score Breakdown

Integrity — 5.8 / 10

- + Additionality was confirmed by the VVB in the verification report.
- Multiple material findings and corrective actions were recorded, and reversal risk is not addressed.

The verification report confirms additionality through VVB review, which supports the project's core environmental claim. However, the same report lists multiple material findings and corrective actions, and reversal events are marked as not addressed, with no buffer pool percentage found in the extracted record. I also note the concern in the verification report about the program name overlapping with another ongoing carbon activity, which weakens confidence in the project's integrity.

Transparency — 5.1 / 10

- + The monitoring period, VVB name, and verified issuance volume are stated in the extracted record.
- The extraction confidence is low, and the claimed-versus-verified issuance comparison cannot be checked because the claimed amount is not stated.

The record provides a monitoring period, the VVB name, and a verified issuance figure, which helps traceability. Still, the extraction confidence is low, and the claimed issuance amount is not found in the available documents, so over-crediting cannot be checked directly from the extracted record. The absence of a stated buffer pool and the lack of a clear registry eligibility statement for CORSIA or CCP also limit transparency.

Claim Safety — 3.9 / 10

- + The project uses a project baseline and the latest verification report says leakage is quantified.
- Usage assumptions changed from 100% in an earlier report to 90% in later documents, and the record does not state CCP status or CORSIA eligibility.

The project uses a project-specific baseline, and the latest verification report says leakage is quantified, which is better than leaving leakage untreated. Even so, an earlier verification report said leakage was not addressed, so I privileged the later verification report because it is more recent and appears to supersede the earlier finding. The usage rate also shifts from 100% in an earlier report to 90% in later documents, which introduces some uncertainty around the emission reduction estimate.

Documentation — 4.2 / 10

- + Twenty-three documents were used, including verification, monitoring, and stakeholder consultation materials.
- Low extraction confidence and several unresolved corrective actions reduce confidence in the completeness of the record.

The evidence set is fairly broad, with 23 documents used and references to verification, monitoring, and stakeholder consultation materials. On the other hand, the extraction confidence is low, which suggests at least one key document was difficult to read, and several corrective actions remain listed in the verification report. The crediting period is also older than the monitoring period, so the documentation is not fully current across all elements.

Risk Indicators

● Additionality	VVB-confirmed additionality
● Permanence	No buffer pool stated; reversal risk not addressed
● Leakage	Leakage quantified, but earlier report said not addressed
● Baseline	Project baseline stated, but reassessment timing missing
● Safeguards	FPIC and grievance mechanism documented
● Double-claim	CORSIA and CCP status not stated

What Would Improve This Score

→ Publish a clear reconciliation of the contradictory usage, leakage, and issuance figures across the monitoring and verification reports.

→ Document permanence protections, including any buffer pool treatment and how reversal risk is monitored and managed.

Documents Reviewed

- Monitoring Report_Homebiogas_MP3_V3_Clean.pdf
- Monitoring Report_Homebiogas_MP2_Clean.pdf
- ER Calculation-Homebiogas_MP2.xlsx
- V1.1-Monitoring-Report_V03.pdf
- SDG-Impact-tool-VPA1.xlsx
- Homebiogas_Kenya_Stakeholder-Consultation-Report.pdf
- Preliminary-review-request-form-VPA.docx
- SDG-Impact-tool-Homebiogas_MP3.xlsx
- VPA-DD_Homebiogas (Clean)(1).pdf
- ER Calculation - Homebiogas_MP3.xlsx
- ER Estimation-Homebiogas_VPA1 (1).xlsx
- LSC Report_Homebiogas_Kenya (Clean).pdf
- PoA-Design Consultation Report_Homebiogas.pdf
- ER Kenya MR4 17022026.xlsx
- Gold Standard Assurance Platform — GS-3993
- Gold Standard Registry — GS-3993
- Homebiogas_VPA FVR_Final_Clean(1).pdf
- GS Verification report-Homebiogas-VPA1_MP3_V3_Clean.pdf
- GS Verification report-Homebiogas-VPA1_Clean(1).pdf
- GS Verification report-Homebiogas-VPA1_MP2_Clean.pdf
- HomeBiogas_PoA_FVR_Clean(2).pdf
- GS Verification report-Homebiogas-VPA1_MP4_V3_Clean.pdf

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