

QUALITY REPORT

Indonesia Biogas Programme

GS-110 · GS · Indonesia

Report ID: CM-995AC0F1 · Generated: 2026-04-23 · Scoring Methodology: General v2.0

5.2

Overall Score
out of 10

■ Integrity (35%)	6.0
■ Transparency (25%)	5.5
■ Claim Safety (25%)	3.5
■ Documentation (15%)	5.5

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

Assessment Summary

The project shows several positive integrity signals (VVB verification of additionality, no material findings, and quantified leakage justification) but has important data gaps and contradictions (ERRs, FNRB, usage rates, and missing leakage deduction and buffer provisions). Documentation is moderately complete but extraction confidence is only medium and some key values conflict across sources, raising moderate concern for over-crediting and double-claiming risk given CORSIA eligibility.

Project Details

Registry	Gold Standard
Registry ID	GS-110
Sector	biogas
Country	Indonesia
Vintage	2021
Project Methodology	Technologies and Practices to Displace Decentralized Thermal Energy Consumption 1.0
Crediting Period	2011 — 2025
VVB	TÜV NORD CERT GmbH
Verified ERs	51,872 tCO ₂ e
Monitoring Period	2024 — 2024
Confidence	High
Documents Reviewed	66 documents reviewed
Scored	2026-04-23

Red Flags

- Contradictory emission and activity figures across multiple monitoring/verification reports (ERRs, FNRB, usage rates).
- Project is CORSIA-eligible and CCP status not stated — increased double-claim risk; no leakage deduction percentage or buffer pool documented.

Score Breakdown

Integrity — 6.0 / 10

+ additionality confirmed by the VVB (verification report)

- baseline is project-specific and baseline reassessment date not stated; buffer pool percentage not provided

Additionality is confirmed by the VVB in the verification report and the project uses a project-specific baseline (positive). However the baseline has not been clearly reassessed in the record, no buffer pool percentage is provided, and leakage deduction percentage is not stated despite a claimed quantified justification — these gaps weaken permanence and leakage handling. No material findings or corrective actions were reported in the verification report, which supports operational integrity. Taken together, these facts justify a moderate integrity score.

Transparency — 5.5 / 10

+ named VVB (TÜV NORD CERT GmbH) and a recent monitoring period (2024) available

- conflicting ERR, FNRB and usage-rate figures across reports; some source docs listed as unknown

The project names its VVB (TÜV NORD CERT GmbH) and provides a current monitoring period (2024), and many documents were used (n=31) which supports transparency. However, there are explicit contradictions between documents for key figures (total ER claimed and verified, FNRB, usage rates) and some source entries are listed as unknown; extraction confidence is only medium. These contradictions and unknown documents reduce confidence in the public record and lower transparency.

Claim Safety — 3.5 / 10

- CORSIA-eligible (increases double-claiming risk) and CCP status not stated

- large contradictions in total emission reductions and usage rates increase over-crediting risk

The project is flagged as CORSIA-eligible, which raises double-claim concerns especially because CCP status is not stated. There are large discrepancies in emission reduction figures and in the usage rate (0.81586 in a 2022 monitoring report vs 88.98 in a 2017 report) that could indicate unit/aggregation inconsistencies or reporting errors and increase over-crediting risk. National default FNRB is used (value 58.36 in a more recent monitoring report), which is acceptable but the FNRB itself changed over time (contradiction with 64.8 in 2017), adding uncertainty to reported baseline assumptions.

Documentation — 5.5 / 10

+ multiple evidence documents and 31 docs used; verification report dated 2019 and monitoring reports referenced

~ extraction confidence is medium and some documents are listed as unknown, reducing reliability

Evidence includes a verification report (2019), monitoring reports (various dates), PDD, validation report and others, and 31 documents were used, which is substantial. However, min_extraction_confidence is medium and several contradictions reference unknown or older documents; some important fields remain not stated (leakage deduction percentage, buffer pool). The documentation is therefore adequate but not robust or fully consistent.

Risk Indicators

● Additionality	VVB-confirmed
● Permanence	no buffer/unclear reversal cover
● Leakage	quantified but deduction not stated
● Baseline	project baseline, reassessment unclear
● Safeguards	FPIC and grievance present
● Double-claim	CORSIA-eligible / CCP unknown

What Would Improve This Score

→ Provide a clear, recent baseline reassessment and document any buffer pool or reversal coverage and a leakage deduction percentage.

→ Resolve contradictions by publishing reconciled monitoring and verification tables (ERRs, FNRB, usage rates) with clear units and a traceable audit trail; confirm CCP/CORSIA claim status.

Documents Reviewed

- 20210712 VPA1 MR v1.3.pdf
- 20221101 VPA1 MR v05_clean.docx
- Monitoring Report_4th monitoring period_01.01.2016 to 31.12.2016_v4.pdf
- Monitoring Report_4th monitoring period_01.01.2016 to 31.12.2016_v5.pdf
- Monitoring Report_7th monitoring period_01.01.2019 to 31.12.2019_v1.5.pdf
- TM_T-PerfCert_v3.0-Project-Annual-Report_IDBP_GS1174_GS5303_2024.pdf
- _1_Monitoring Report_1st monitoring period_01.06.2011 to 31.05.2013_v5.docx
- _1_Monitoring Report_2nd monitoring period_01.06.2013 to 31.12.2014_v1.3.pdf
- _1_Monitoring Report_3rd monitoring period_01.01.2015 to 31.12.2015_v1.3.pdf
- (1)Monitoring Report_1st monitoring period_01.06.2011 to 31.05.2013_v5.docx
- (1)Monitoring Report_2nd monitoring period_01.06.2013 to 31.12.2014_v1.3.pdf
- (1)Monitoring Report_3rd monitoring period_01.01.2015 to 31.12.2015_v1.3.pdf
- (1)Monitoring Report_5th monitoring period_01.01.2017 to 31.12.2017_v4.docx
- 20210712 ER Calculation VPA1 MP4 CP1_v03.XLS
- VR_VPA1 GS1174_v03 clean version.pdf
- 20220217 ER Calculation VPA1 MP4 CP2_v03.xlsx
- VR_VPA1 GS1174_v04 clean(1).pdf
- 20230320 ER Calculation VPA1 MP5 CP2(1).xlsx
- MR_VPA1_v.03_clean(1).pdf
- 20250304_VPA1 MR v4.0__clean.pdf
- 20240930 ER Calculation VPA1 MP6 CP2__xlsx
- GS1174_RCP PoA&VPA1;_V3.1_Clean.pdf
- VPA 1 ER calculation CP renewal_fNRB changed.xlsx
- 21-012_FVerR.pdf
- PDD_28.05.2018_v7.doc
- T-V4.0-Deviation-Request-VVB team GS1174 _1 October 2021_ -clean final.pdf
- registry_page_19.txt
- registry_page_20.txt
- VR_VPA1 GS1174_2023_v1.2.pdf
- registry_page_8.txt
- GS Passport_07-07-2013.pdf
- 430_V1.3_IQ_SDG-Impact-tool.xlsx
- registry_page_9.txt
- 20241127 IDBP_PoA-DD_v.0.5_clean.pdf
- 20260407 VPA 1 - CP Renewal_PDD_v2.4_clean.pdf
- PDD_11-06-2020.docx
- PDD_21-10-2013.pdf
- 20260317 IDBP_PoA-DD_v.1.2_clean.pdf
- Gold Standard Assurance Platform — GS-110
- Gold Standard Registry — GS-110
- Gold Standard Registry — GS-1619
- Gold Standard Assurance Platform — GS-1619
- GS1174 Validation Report_03.07.2018_v1.pdf
- Verification Report_6th monitoring period_01.06.2018 to 31.12.2018_v1.2.pdf
- _1_Verification Report_1st monitoring period_01.06.2011 to 31.05.2013_v1.4.pdf
- _1_Verification Report_2nd monitoring period_01.06.2013 to 31.12.2014_v1.pdf
- _1_Verification Report_3rd monitoring period_01.01.2015 to 31.12.2015_v1.pdf

- _1_Verification Report_5th monitoring period_01.01.2017 to 31.12.2017_v1.2.pdf
- T-V4.0-Deviation-Request-VVB team GS1174 (1 October 2021) -clean final.pdf
- (1)Verification Report_1st monitoring period_01.06.2011 to 31.05.2013_v1.4.pdf
- (1)Verification Report_2nd monitoring period_01.06.2013 to 31.12.2014_v1.pdf
- (1)Verification Report_3rd monitoring period_01.01.2015 to 31.12.2015_v1.pdf
- (1)Verification Report_5th monitoring period_01.01.2017 to 31.12.2017_v1.2.pdf
- 20230829 ER Calculation VPA2 CP renewal v.0.2.xlsx
- 430_V1.1_IQ_SDG-Impact-tool.xlsx
- Validation Report IDBP PoA-DD_Yayasan_28112024.pdf

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