

5 Lagoon Close, Tse Addo, Accra · +233 59 105 1711 · info@gabclimatesmart.com · gabclimatesmart.com

PRELIMINARY DRAFT — NOT FOR CLIENT DELIVERY. One or more footprint entries rest on unverified emission factors. Verify all factors before client delivery.

This output is a project-scoping footprint estimate based on emission factors and resource-use quantities. It is not an audited corporate ESG disclosure, carbon credit certification, or statutory environmental report. Emission factors ship as reference values and start unverified — a footprint figure is only reliable when its underlying factor is verified. Efficiency recommendations are advisory prompts, not guaranteed savings commitments. Scope 3 (value chain) emissions are not comprehensively covered. Independent verification and specialist review are required before use in investment, lending, or regulatory decisions.

Executive Summary

Reference

SSL-20260713-40CDEE

Submitter

ABC

Project type

efficiency_screening

Site name

ABC

Location

unknown / unknown

Boundary area

Not supplied

23.457 tCO2e

Total footprint

0 tCO2e

Client-ready

6

Entries

5 / 6

Verified factors

Scope Breakdown

Scope	Emissions (kgCO2e)	Emissions (tCO2e)
Scope 1 (direct)	9212.9	9.213
Scope 2 (purchased energy)	1284.32	1.284
Scope 3 (value chain)	12959.57	12.96

Category Breakdown

Category	Emissions (kgCO2e)	Emissions (tCO2e)	Share
Waste to landfill	12880.35	12.88	55%
Petrol / gasoline	7907.13	7.907	34%
Grid electricity	1284.32	1.284	5%
LPG	978.81	0.979	4%
Diesel	326.96	0.327	1%

Category	Emissions (kgCO2e)	Emissions (tCO2e)	Share
Water supply	79.22	0.079	0%

Footprint Entries

Category	Quantity	Factor	Computed	Status
Grid electricity	2222 kWh	0.578 kgCO2e	1284.32 kgCO2e	Provisional
Diesel	122 litres	2.68 kgCO2e	326.96 kgCO2e	Provisional
Petrol / gasoline	3423 litres	2.31 kgCO2e	7907.13 kgCO2e	Provisional
LPG	333 kg	2.93936 kgCO2e	978.81 kgCO2e	Provisional
Water supply	233 m³	0.34 kgCO2e	79.22 kgCO2e	Provisional
Waste to landfill	24754 kg	0.5203342 kgCO2e	12880.35 kgCO2e	Provisional

Emission Factor Library

Category	Factor	Scope	Status	Source
Diesel	2.66155 kgCO2e/litre	Scope 1 (direct)	verified	DEFRA/DESNZ GHG Conversion Factors 2024
Grid electricity	0.578 kgCO2e/kWh	Scope 2 (purchased energy)	needs_recheck	WAPP CDM standardized baseline ASB0034 (
LPG	2.93936 kgCO2e/kg	Scope 1 (direct)	verified	DEFRA/DESNZ GHG Conversion Factors 2024
Petrol / gasoline	2.35372 kgCO2e/litre	Scope 1 (direct)	verified	DEFRA/DESNZ GHG Conversion Factors 2024
Waste to landfill	520.3342 kgCO2e/tonne	Scope 3 (value chain)	verified	DEFRA/DESNZ GHG Conversion Factors 2024
Water supply	0.15311 kgCO2e/m3	Scope 3 (value chain)	verified	DEFRA/DESNZ GHG Conversion Factors 2024

Data Gaps and Limitations

- Emission factors ship as reference values and start unverified. Footprint figures are only reliable when the underlying factor is verified.
- Efficiency recommendations are advisory prompts based on footprint concentration, not automated commitments or guaranteed savings figures.
- Footprint entries linked to SiteSense cases represent screening-level estimates for project scoping, not audited corporate ESG disclosures.
- Scope 3 (value chain) emissions are not comprehensively covered by the current factor library.
- This output is not a carbon credit certification, statutory environmental report, or audited sustainability disclosure.

Validation Status

All Efficiency assumptions are verified and current.