



# F&G BOTSWANA(PTY) LTD.

Plot 44005, Dumela Industrial Area, Francistown, Botswana

Tel: 00267-76666260 71563082, PO BOX3252 F/TOWN, Fax: 00267-2416587, VAT NO.C08453201112

FGEV-202503-18

## GREENHOUSE GAS EMISSION PUBLIC REPORT

### 1. Organizational & Reporting Boundary

- Company: F&G Botswana
- Reporting Period: October 1, 2024 – December 31, 2024
- Location: Francistown, Botswana
- Contact Person: Mogomotsi Moalosi, EHS Manager
- Boundary Approach: Operational Control (includes all company-owned assets)

### 2. Emission Sources & Categorization

Scope	Emission Source	Fuel Type/Activity Data	Emission Factor	Emissions (tCO <sub>2</sub> e)
Scope 1	On-site fuel combustion (Boiler)	908 liters of diesel	2.68 Kg CO <sub>2</sub> e/L	2.43
Scope 1	Company-owned vehicles (diesel)	2450 liters of diesel	2.68 Kg CO <sub>2</sub> e/L	6.57
Scope 1	Company-owned vehicles (Petrol)	647.04 liters of petrol	2.31 Kg CO <sub>2</sub> e/L	1.49
Scope 2	Purchased electricity	7540.40 KWh	0.85 Kg CO <sub>2</sub> e/KWh	6.41
Scope 3	Employee business travel (flights)	64800 Km	0.15 Kg CO <sub>2</sub> e/Km	9.72
Scope 3	Purchased goods and materials	30 ton	1.8 Kg CO <sub>2</sub> e/ton	0.054
Scope 3	Manufactured Goods transport	10 ton	1.8 Kg CO <sub>2</sub> e/ton	0.018
			<b>Total</b>	<b>26.69</b>



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## 3. Energy Consumption and Reduced Greenhouse gases emission

Month	Purchased electricity (KWh)	Solar Renewable Energy (KWh)	Reduced GHG Emissions (tCO2e)
January	12461.9	4065.4	3.46
February	9150	4745.9	4.03
March	7293.7	3045.4	2.59
April	10000	4854.2	4.13
May	29737.6	3889.3	3.31
June	3520	1201.6	1.02
July	2896	2525.9	2.15
August	2165.4	3787.3	3.22
September	2097.7	3912.54	3.33
October	2600	2496.6	2.12
November	3064.3	3901.2	3.32
December	776.1	3812.3	3.24
<b>Total</b>	<b>28166</b>	<b>42237.64</b>	<b>35.92</b>

Note: The highlighted shows purchased electricity and renewable energy from October to December 2024.

## 4. Reduce Targets and Strategies

- Target: Reduce emissions by 5% by 2026.
- Planned Actions: Shift to renewable energy for 20% of power supply.
- Replace old company vehicles with new/electric models.
- Improve energy efficiency in manufacturing operations.