Report number:

CO2-SC1.2-25/06

COMPANY CARBON FOOTPRINT SCOPE 1 AND 2 REPORT

FOR ONGROPACK LTD

covering financial year 2024
(01. 01. 2024 – 31. 12. 2024)

(According to The Greenhouse Gas Protocol,
Corporate Accounting and Reporting Standard)

CREDIT MANAGEMENT GROUP
CMG CARBON

Created: 28 July 2025
Prepared by: CMG Carbon Kft.

Contents

Summary

Company data

Name:
Ongropack Ltd

Registered office:
19 Miskolci Street, 3711 Szirmabesenyő, Hungary

Emission duration:
Financial year 2024 (01.01.2024 – 31.12.2024)

Ongropack Ltd emission location:

19 Miskolci Street, 3711 Szirmabesenyő, Hungary

The CO_2e emissions were calculated based on the energy and fuel consumption data supplied by Ongropack Ltd with respect to the financial year 01.01.2024 – 31.12.2024.

Total emissions of the company:

1. Total energy consumption at the company

The table below summarises the energy and fuel consumption data supplied by Ongropack Ltd with respect to the financial year 01.01.2024 – 31.12.2024.
The annual energy and fuel consumption data constitute the sources of Scope 1 and 2 emissions.

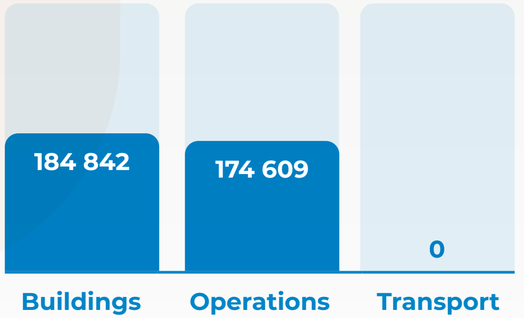
Energy baseline data of the company covering FY 2024 (01.01.2024 – 31.12.2024)

Scope 1 sources Purchased energy consumption		Company total	Buildings	Operations	Transport
Natural gas	m³ /year	359 451	184 842	174 609	–
Petrol	liter /year	25 444	–	–	25 444
Diesel oil	liter /year	35 336	2 641	–	32 695
Forklift fuel gas	liter /year	–	0	–	–

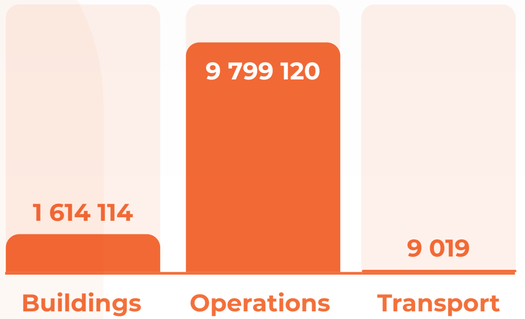
Scope 2 sources		Company total	Buildings	Operations	Transport
Purchased electricity	kWh/year	11 422 253	1 614 114	9 799 120	9 019

Renewable resources		Company total	Buildings	Operations	Transport
Electricity generation from photovoltaic panels	kWh/year	1 850 351	–	1 850 351	–
Heat recovery unit energy utilization	kWh/year	30 055	–	30 055	–
Heat generation from solar thermal collectors	kWh/year	102 930	102 930	–	–
Purchased green electricity	kWh/year	2 256 099	318 817	1 935 501	1 781
Thermal energy generation by heat pumps	kWh/year	1 053 907	1 053 907	–	–
Total		**5 293 342**	**1 475 654**	**3 815 907**	**1 781**

Annual Natural gas consumption, m³/year



Annual Purchased electricity consumption, kWh/year



Total energy consumption of the company in FY 2024, MJ/year

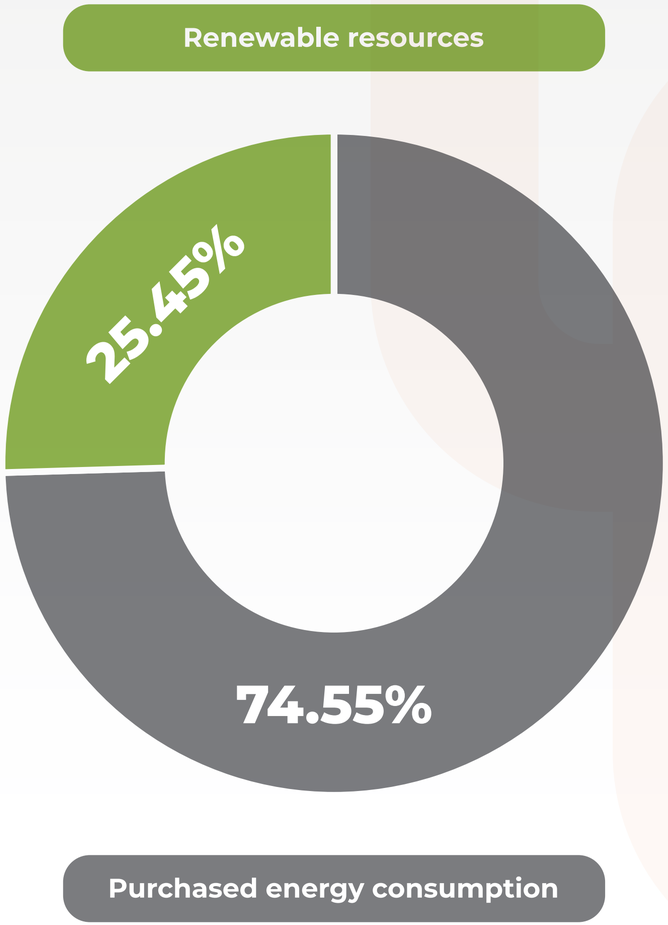
Annual energy consumption summary		Company total	Buildings	Operations	Transport
Type of energy	**%**	**MJ/year**	**MJ/year**	**MJ/year**	**MJ/year**
Purchased energy consumption	74.55%	55 809 846	12 395 517	41 409 158	2 005 171
Renewable resources	25.45%	19 056 030	5 312 354	13 737 264	6 412
Total	**100%**	**74 865 876**	**17 707 871**	**55 146 422**	**2 011 583**

Annual purchased energy use of the company, MJ/year

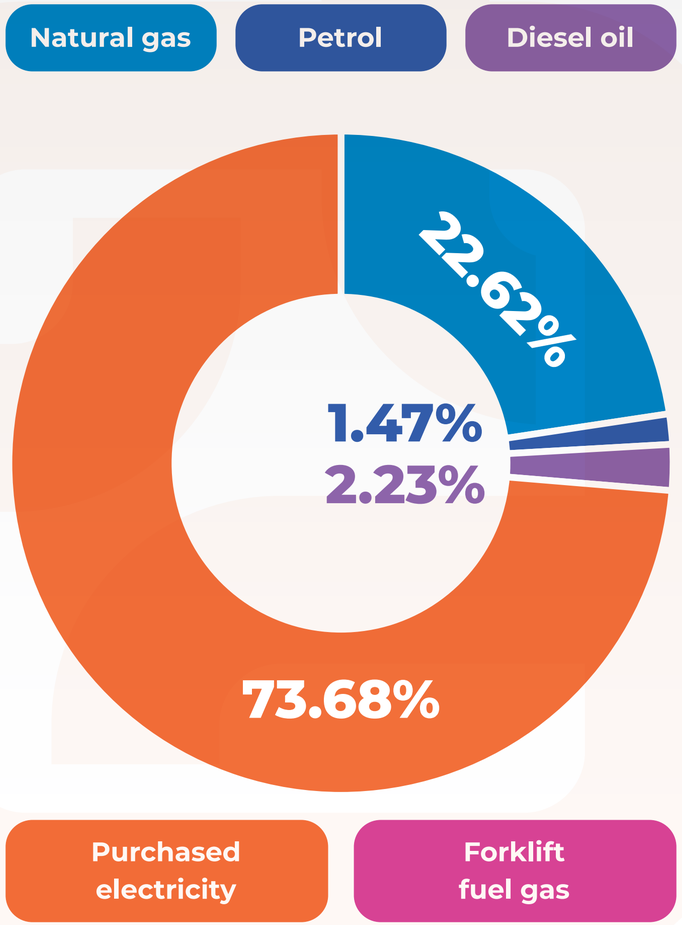
Annual purchased energy consumption		Company total	Buildings	Operations	Transport
Type of energy	**%**	**MJ/year**	**MJ/year**	**MJ/year**	**MJ/year**
Natural gas	16.86%	12 624 070	**6 491 744**	**6 132 326**	–
Petrol	1.10%	821 839	–	–	821 839
Diesel oil	1.66%	1 243 827	92 963	–	1 150 864
Forklift fuel gas	–	–	–	–	–
Purchased electricity	54.93%	41 120 110	**5 810 810**	**35 276 832**	32 468
Total	**74.55%**	**55 809 846**	**12 395 517**	**41 409 158**	**2 005 171**

The shades of red indicate particularly high energy use.

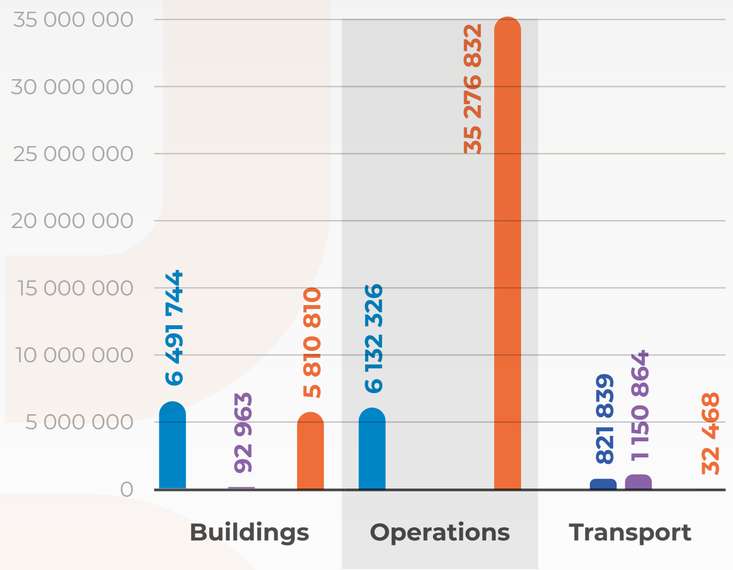
Annual energy consumption summary, MJ/year



Total annual purchased energy consumption, MJ/year



Energy consumption of the company per category in FY 2024, MJ/year



Ongropack Ltd's highest energy consumption is attributed to electricity use. This is followed by natural gas consumption. The use of petrol and diesel fuel represents the smallest share of the company's overall energy use.

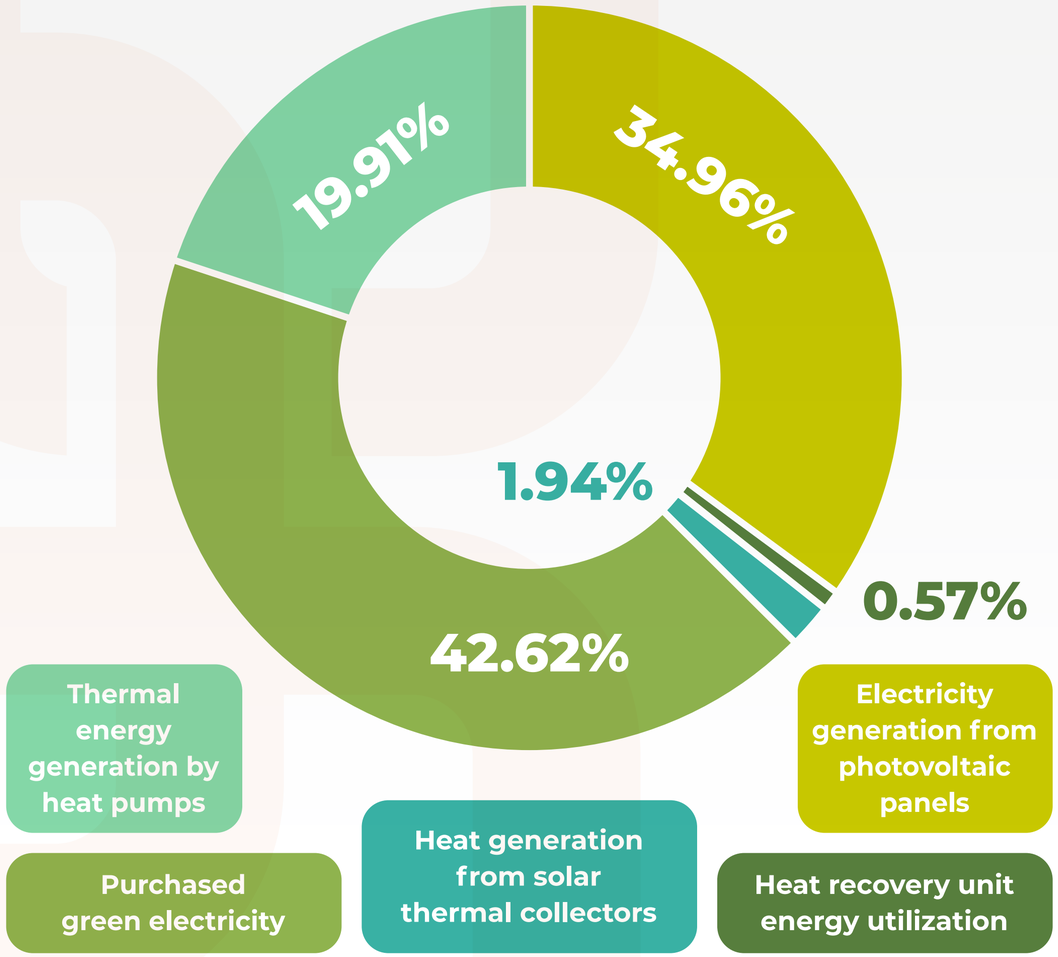
The highest level of energy consumption at Ongropack Ltd is associated with the electricity used in its manufacturing activities.

Annual renewable energy use of the company, MJ/year

Annual renewable energy consumption		Company total	Buildings	Operations	Transport
Type of energy	**%**	**MJ/year**	**MJ/year**	**MJ/year**	**MJ/year**
Electricity generation from photovoltaic panels	8.90%	6 661 264	–	6 661 264	–
Heat recovery unit energy utilization	0.14%	108 197	–	108 197	–
Heat generation from solar thermal collectors	0.49%	370 548	370 548	–	–
Purchased green electricity	10.85%	8 121 956	1 147 741	6 967 804	6 412
Thermal energy generation by heat pumps	5.07%	3 794 065	3 794 065	–	–
Total	**25.45%**	**19 056 030**	**5 312 354**	**13 737 264**	**6 412**

Ongropack Ltd's largest sources of renewable energy consumption include the purchased green electricity and the 1.7 MWp solar power system commissioned on 10 August 2024. Additionally, the environmental heat utilization by heat pumps contributes significantly. Although the thermal energy generated by solar collectors for hot water production and the waste heat recovered from heating systems play a smaller role, they remain important components of the company's renewable energy utilization.

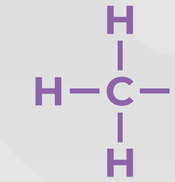
Total annual renewable energy consumption, MJ/year



2. Method of calculating the CO_2 equivalent

The carbon dioxide equivalent (CO_2e) is the term used as the sum of the most common greenhouse gases as defined in the Kyoto Protocol.

Leggyakoribb üvegházhatású gázok:



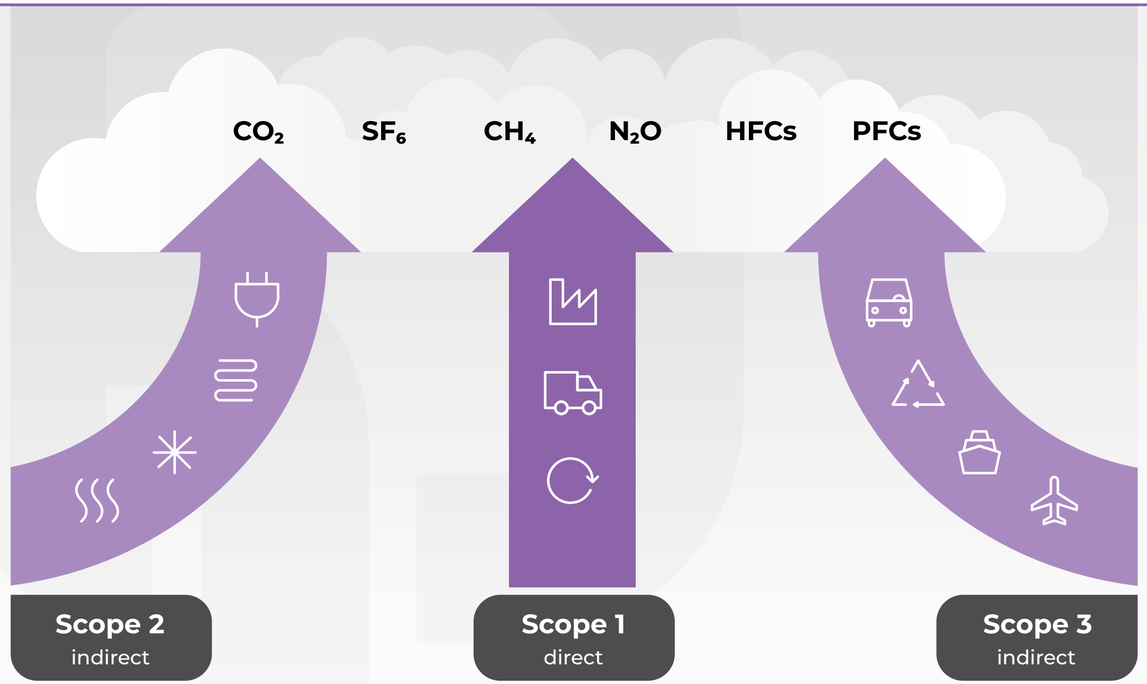
CARBON DIOXIDE
(CO_2)

METHANE
(CH_4)

NITROUS OXIDE
(N_2O) (laughing gas)

The CO_2 equivalents of the different emission sources need to be aggregated to determine a company's carbon footprint. Sources of emissions can be direct or indirect in nature. Accordingly, **Scope 1, 2 and 3** categories were defined in the following standards:

- **The Greenhouse Gas Protocol, Corporate Accounting and Reporting Standard**
- **ISO14064-1-2018: Greenhouse Gas**



Scope 1 **On-site (direct) emissions by the company,** such as natural gas combustion, production technology emissions, transport vehicle emissions, etc.

Scope 2 **Indirect emissions,** such as electricity, district heating, steam, etc., which are generated elsewhere, but the company is responsible for emissions on account of their use.

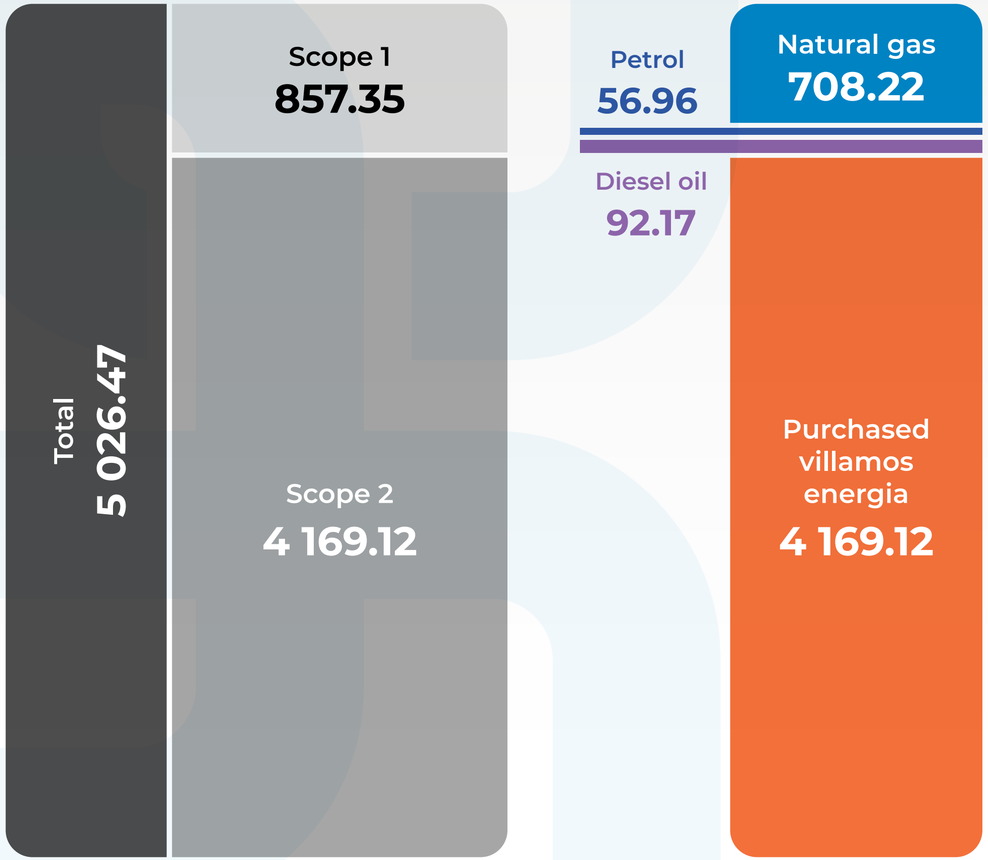
Scope 3 **Indirect emissions beyond the company's control,** but the company is responsible on account of their use, such as waste processing, waste water treatment, public transport, etc.

3. Total Scope 1 and 2 emissions of the company, t CO_2e/year

Total Scope 1 and 2 emissions of the company in FY 2023, t CO_2e/year

Scope	Emission sources	t CO_2/year	t CH_4/year	t N_2O/year	t CO_2e/year	%
Scope 1	Natural gas	708.21	0.0126	0.0013	708.22	14.1%
	Petrol	56.95	0.0025	0.0005	56.96	1.1%
	Diesel oil	92.17	0.0037	0.0007	92.17	1.8%
	Liquefied Petroleum Gas for forklifts	–	–	–	–	–
	Total	**857.33**	**0.0188**	**0.0025**	**857.35**	**17.1%**
Scope 2	Purchased electricity	4 169.12	–	–	4 169.12	82.9%
Total		**5 026.45**	**0.0188**	**0.0025**	**5 026.47**	**100%**

Company's total annual Scope 1 and 2 emissions	t CO_2e/year	%
Scope 1	857.35	17.1%
Scope 2	4 169.12	82.9%
Total	**5 026.47**	**100%**

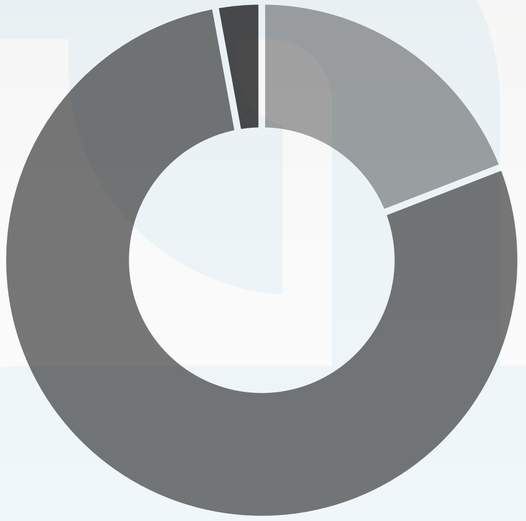


Scope 1 and 2 emissions of the company in FY 2024, t CO_2e/year

Scope	t CO_2e/year		Company total	Buildings	Operations	Transport
Scope 1	Natural gas	**14.1%**	**708.22**	**364.19**	**344.03**	–
	Petrol	**1.1%**	**56.96**	–	–	**56.96**
	Diesel oil	**1.8%**	**92.17**	6.89	–	**85.28**
	Liquefied Petroleum Gas for forklifts	**–**	–	–	–	–
	Total	**17.1%**	**857.35**	**371.08**	**344.03**	**142.24**
Scope 2	Purchased electricity	**82.9%**	**4 169.12**	**589.15**	**3 576.68**	3.29
Total		**100%**	**5 026.47**	**960.23**	**3 920.71**	**145.53**

The shades of red indicate particularly high energy use.

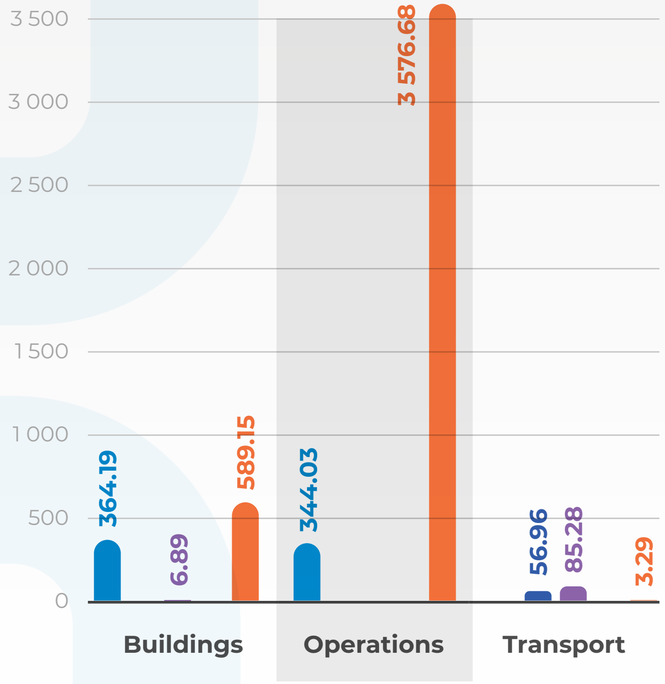
Total annual Scope 1 and 2 emissions of the company, t CO_2e/year



BUILDINGS – 960.23 – 19%

OPERATIONS – 3 920.71 – 78%

TRANSPORT – 145.53 – 3%

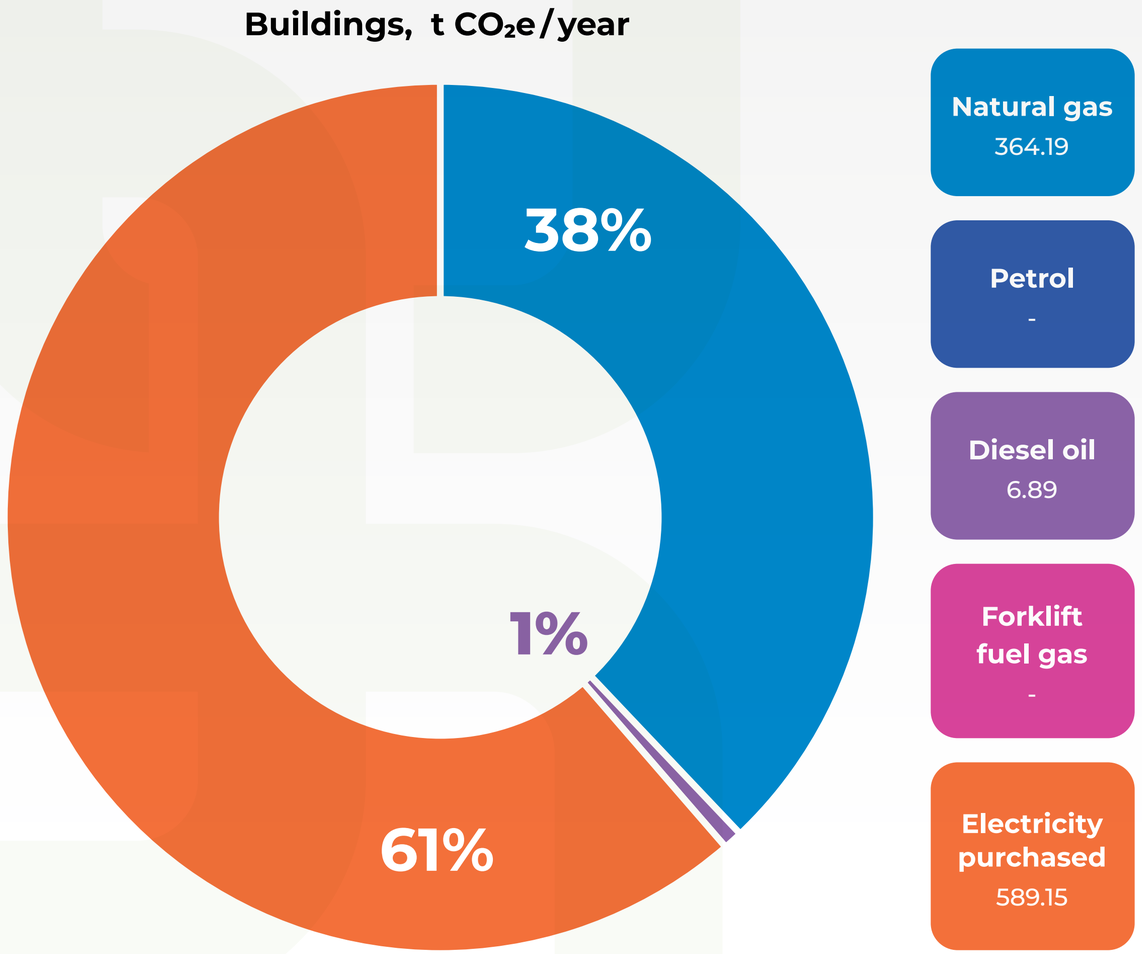


4. Scope 1 and 2 emissions of the company, t CO_2e/year

4.1 Scope 1 and 2 emissions of buildings

Scope	Emission sources	t CO_2/year	t CH_4/year	t N_2O/year	t CO_2e/year	%
Scope 1	Natural gas	364.19	0.0065	0.0006	364.19	37.9%
	Petrol	–	–	–	–	–
	Diesel oil	6.89	0.0003	0.0001	6.89	0.7%
	Forklift fuel gas	–	–	–	–	–
	Total	**371.08**	**0.0068**	**0.0007**	**371.08**	**38.6%**
Scope 2	Electricity purchased	589.15	–	–	589.15	61.4%
Total		**960.23**	**0.0068**	**0.0007**	**960.23**	**100%**

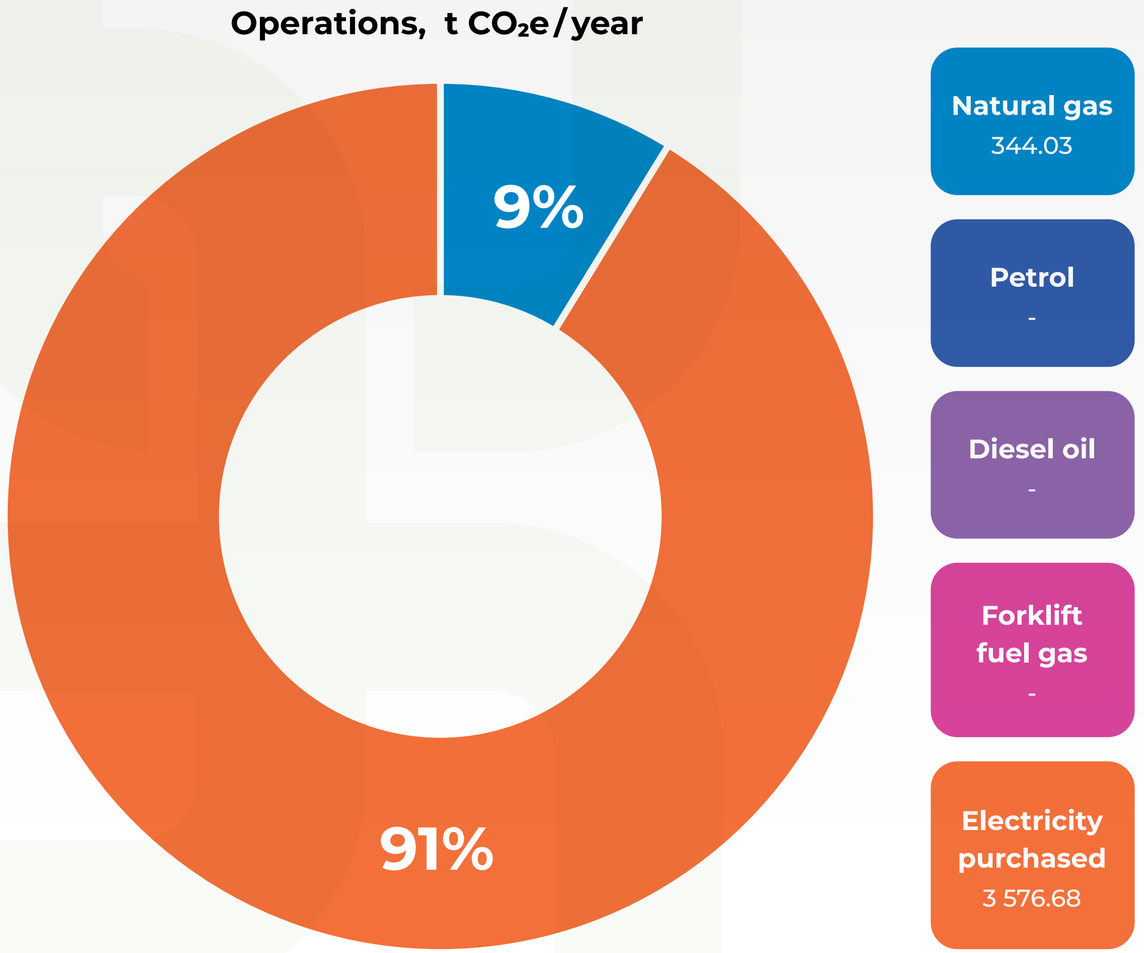
Total emissions	t CO_2/year	%
Scope 1	371.08	38.6%
Scope 2	589.15	61.4
Total Scope 1 and 2	**960.23**	**100%**



4.2 Scope 1 and 2 emissions of operations

Scope	Emission sources	t CO_2 /year	t CH_4 /year	t N_2O /year	t CO_2e/year	%
Scope 1	Natural gas	344.02	0.0061	0.0006	344.03	8.8%
	Petrol	–	–	–	–	–
	Diesel oil	–	–	–	–	–
	Forklift fuel gas	–	–	–	–	–
	Total	**344.02**	**0.0061**	**0.0006**	**344.03**	**8.8%**
Scope 2	Electricity purchased	3 576.68	–	–	3 576.68	91.2%
Total		**3 920.70**	**0.0061**	**0.0006**	**3 920.71**	**100%**

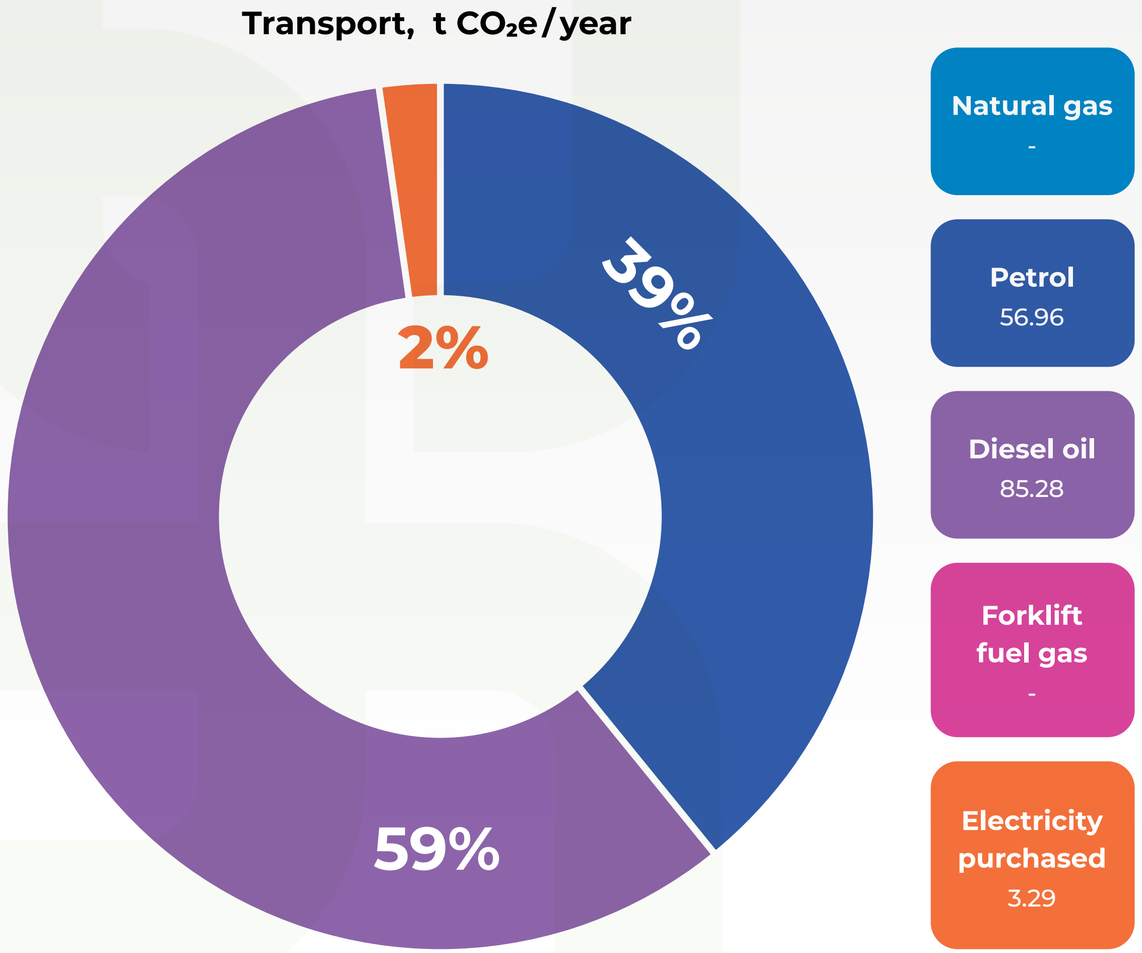
Total emissions	t CO_2 /year	%
Scope 1	344.03	8.8%
Scope 2	3 576.68	91.2%
Total Scope 1 and 2	**3 920.71**	**100%**



4.3 Scope 1 and 2 emissions of transport

Scope	Emission sources	t CO_2 /year	t CH_4 /year	t N_2O /year	t CO_2e/year	%
Scope 1	Natural gas	–	–	–	–	–
	Petrol	56.95	0.0025	0.0005	56.96	39.1%
	Diesel oil	85.28	0.0035	0.0007	85.28	58.6%
	Forklift fuel gas	–	–	–	–	–
	Total	**142.23**	**0.0059**	**0.0012**	**142.24**	**97.7%**
Scope 2	Electricity purchased	3.29	0.0000	0.0000	3.29	2.3%
Total		**145.52**	**0.0059**	**0.0012**	**145.53**	**100%**

Total emissions	t CO_2 /year	%
Scope 1	142.24	97.7%
Scope 2	3.29	2.3%
Total Scope 1 and 2	**145.53**	**100%**



CREDIT MANAGEMENT GROUP

CMG CARBON

I, the undersigned auditor, hereby declare that the Scope 1 and 2 emission values in this report were calculated based on the energy and fuel consumption data supplied by the company.

28 July 2025

György Sitku
energy auditor
EA-01-23/2016 • CMG Carbon Ltd