

# GHG EMISSION REPORT

GEM Group

# CARBONTEK

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Year 2025

**TCFD**

GREENHOUSE  
GAS PROTOCOL

**CDP**  
DISCLOSURE INSIGHT ACTION

SCIENCE  
BASED  
TARGETS  
DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

**PCAF**





# INDEX

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1

## Overview

- Executive Summary

2

## Emission Report

- Scope 1
- Scope 2
- Scope 3
- Overall GHG Inventory
- GHG Emission Per Employee
- Emission Intensity Per Unit Output

3

## Other Reports

- Waste Generated
- Waste Disposal
- Waste Diverted

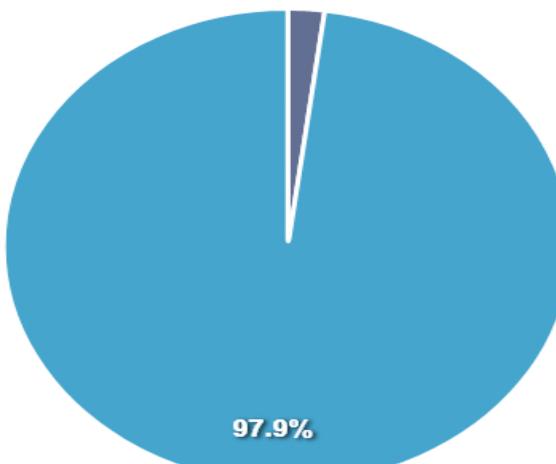
4

## Conclusion

# EXECUTIVE SUMMARY

This report presents the findings of GEM Group's 2025 GHG emissions assessment, based on the data provided and subject to its accuracy, completeness, and appropriate classification. The assessment provides valuable insights into the company's carbon footprint, helping to identify key emission sources and opportunities for reduction. By leveraging these insights, Ekotrace Company can take strategic steps toward enhanced sustainability and net-zero alignment.

Scope wise emission contribution in 2025



● Scope 1 ● Scope 2 ● Scope 3

General overview	
Reporting period	2025
Base year and comparability	2020
Plot area	3000 m <sup>2</sup>
Regulatory and reporting frameworks	GHG Protocol, ISO 14064, SBTi
Key findings	
GHG emissions	Scope 1: 16.7976 tCO <sub>2</sub> e Scope 2: 472.3440 tCO <sub>2</sub> e Scope 3: 318.9882 tCO <sub>2</sub> e
Waste	Generated: 8.653 T Disposal: 37100 T Diversion: 83.83 T

# EXECUTIVE SUMMARY

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	Scope1 Emissions (tCO2e)			Total Emission (tCO2e)			Total Emission per unit energy ref. area (tCO2e / sqrft)		
	Base year	Current year	ΔKPI <sub>1</sub>	Base year	Current year	ΔKPI <sub>2</sub>	Base year	Current year	ΔKPI <sub>3</sub>
AbuDhabi Old Cam-M		16.797	-		808.129	-		0.0404	-

Base year: 2020

Current year: 2024

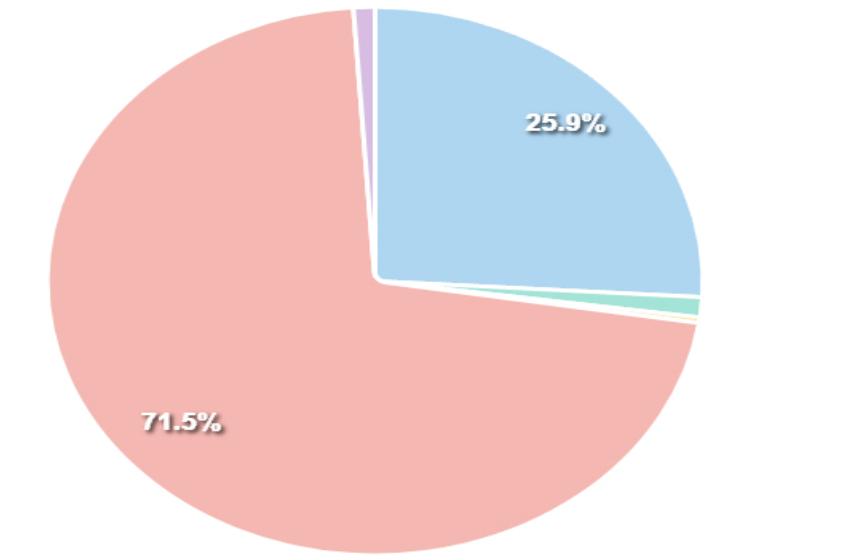


# EMISSION REPORT

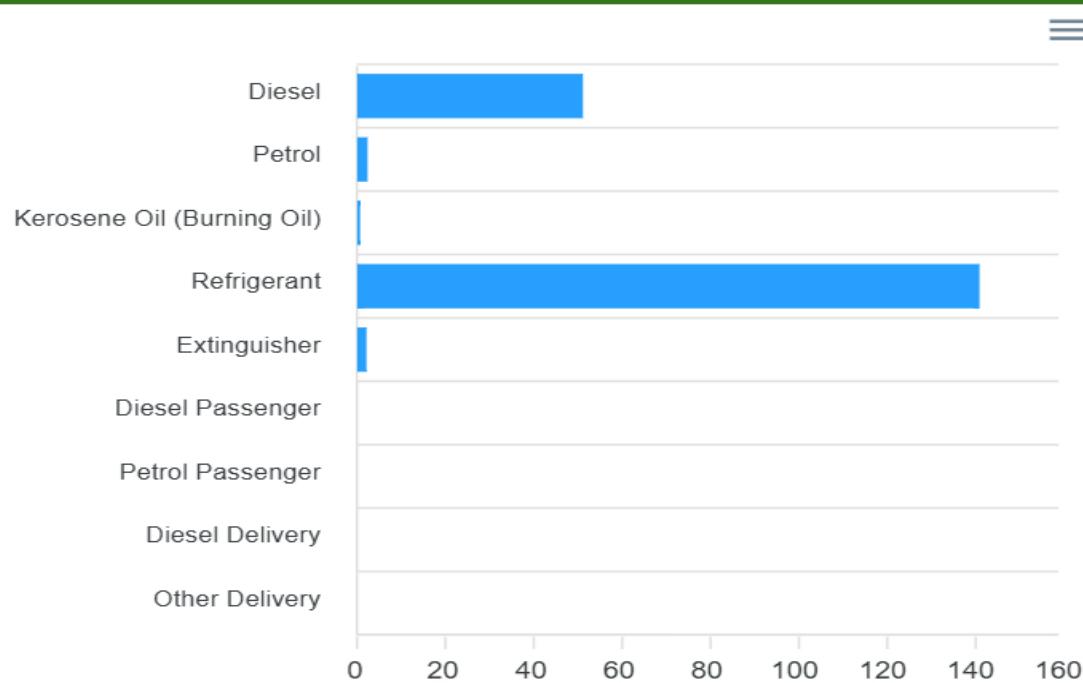
# SCOPE 1

(Direct emissions - generated directly by company and its activities)

Scope 1 category	Emission source	Emissions (tCO <sub>2</sub> )
Fuels	Diesel	51.4896
	Petrol	2.3500
	Kerosene Oil (Burning Oil)	0.6528
Refrigerants	R404A	141.948
Fire extinguisher	CO <sub>2</sub> type	2.1
Company owned vehicles	Passenger vehicle (Diesel)	-
	Passenger vehicle (Petrol)	-
	Delivery vehicle (Diesel)	-
	Delivery vehicle (Other)	-

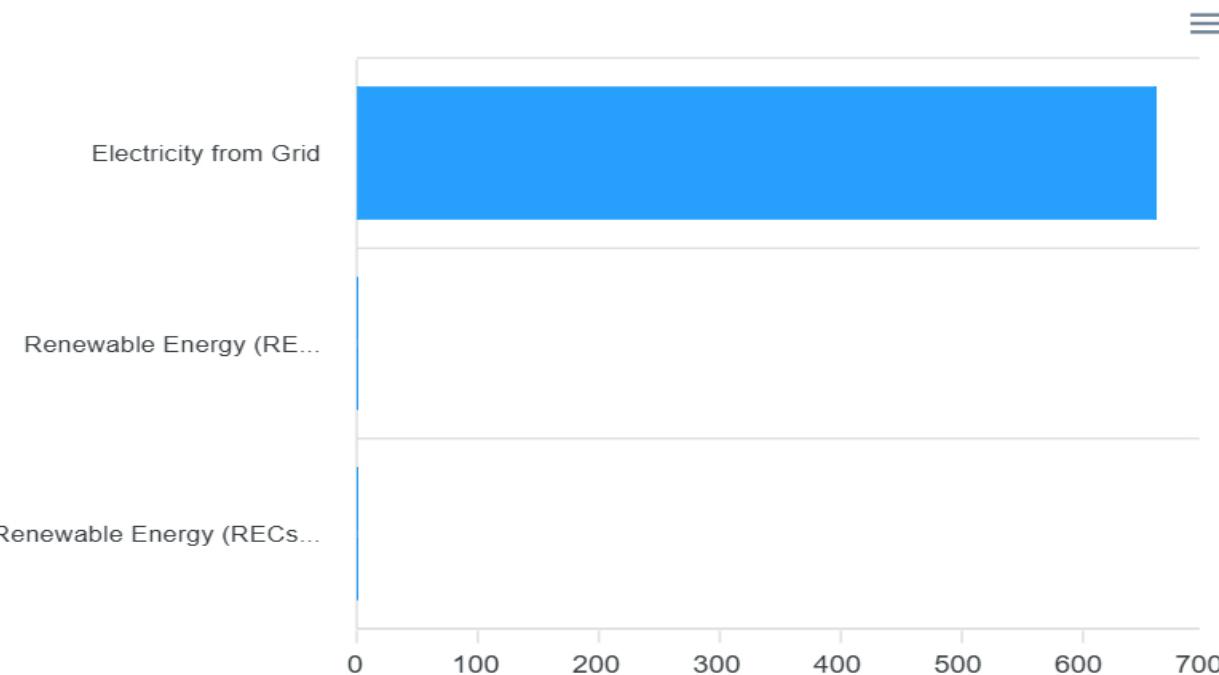


Total scope 1 emissions = 16.7976 tCO<sub>2</sub>e

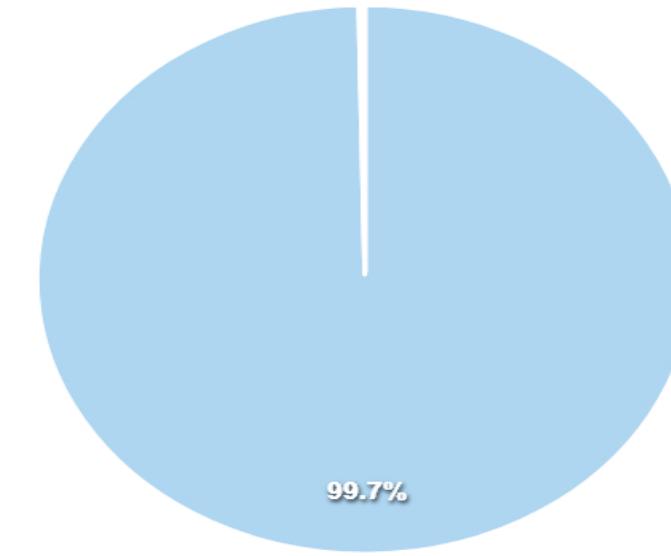


# SCOPE 2

(Indirect emissions - related to company's consumption of electricity, heat & steam)



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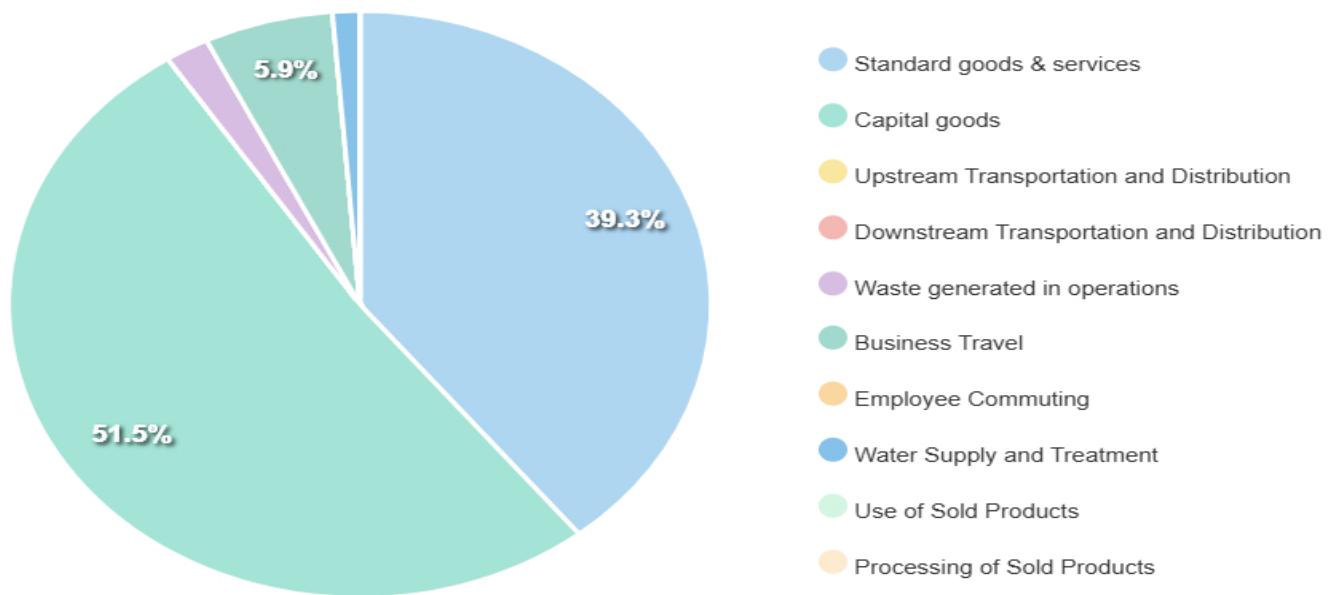
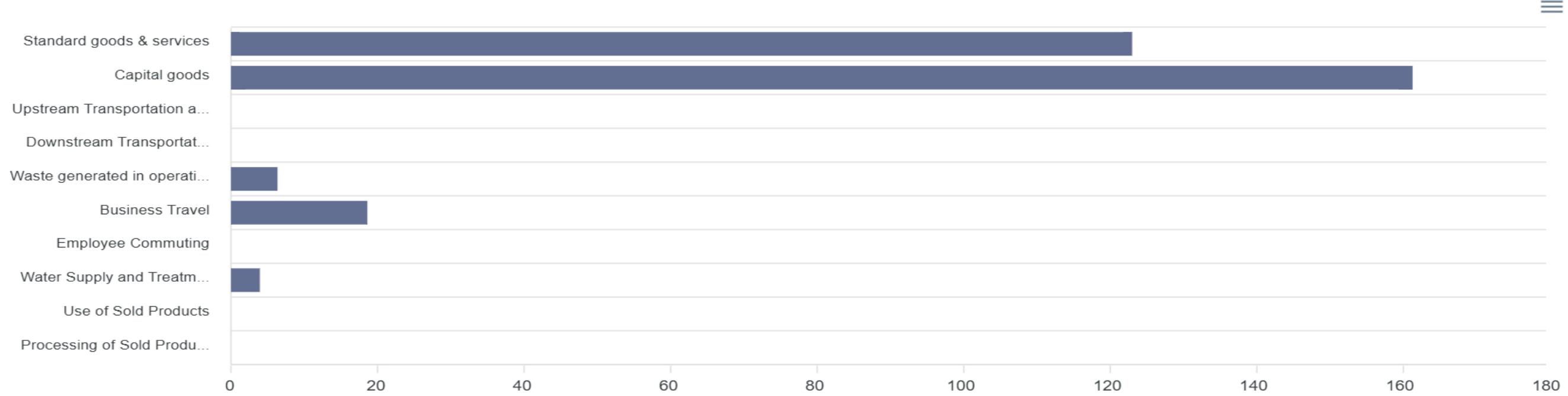
Electricity from Grid    Renewable Energy (RECs) - Solar  
Renewable Energy (RECs) - Wind

Energy source	Emissions (tCO <sub>2</sub> )
Electricity from grid	664.6448
Renewable energy	1.0000

**Total scope 2 emissions = 666.6448 tCO<sub>2</sub>e**

# SCOPE 3

(Indirect emissions - related to company's upstream & downstream operations & activities)



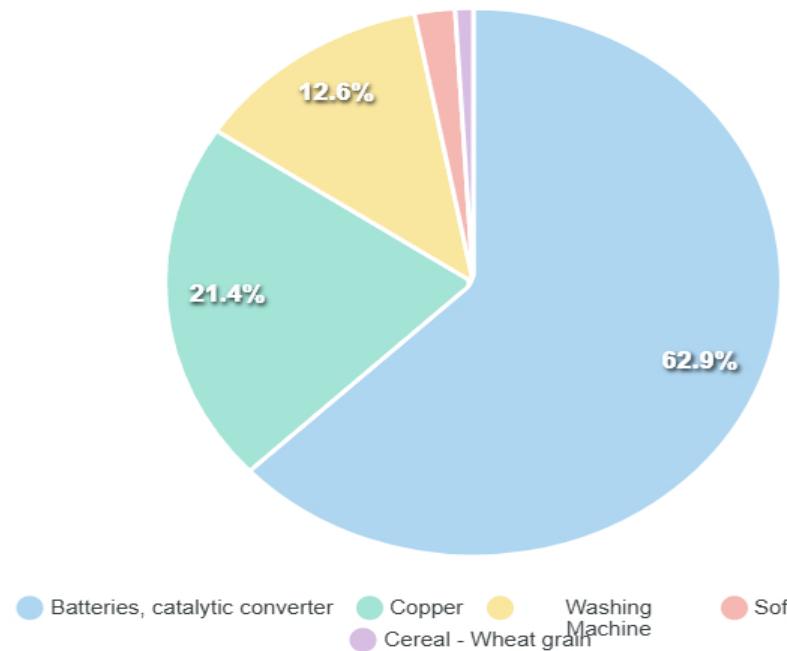
Emission category	Emissions (tCO <sub>2</sub> )
Standard goods & services	123.32
Capital goods	161.7
Upstream Transportation and Distribution	0
Downstream Transportation and Distribution	0
Waste generated in operations	6.353

Total scope 3 emissions =  
318.9882 tCO<sub>2</sub>e

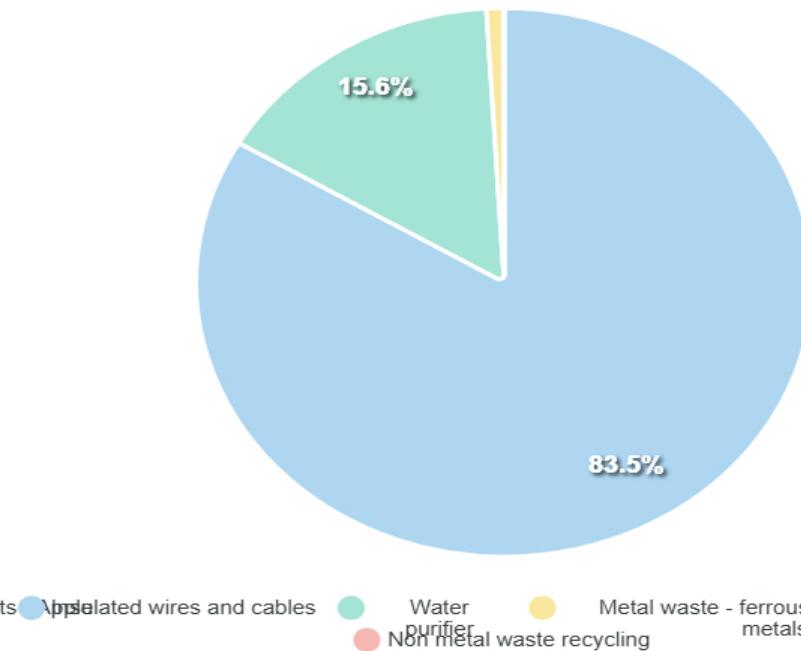
Emission category	Emissions (tCO <sub>2</sub> )
Business Travel	18.655
Employee Commuting	0
Water Supply and Treatment	3.934082
Use of Sold Products	0
Processing of Sold Products	0

# PURCHASE GOODS & SERVICES

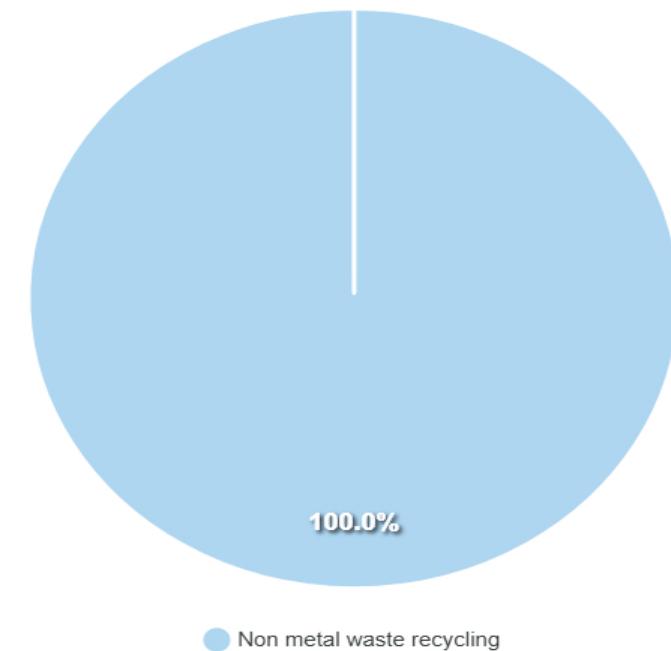
Emissions Contribution by Top 5 Standard Goods



Emissions Contribution by Top 5 Standard Services



Emissions Contribution by Top 5 Capital Goods



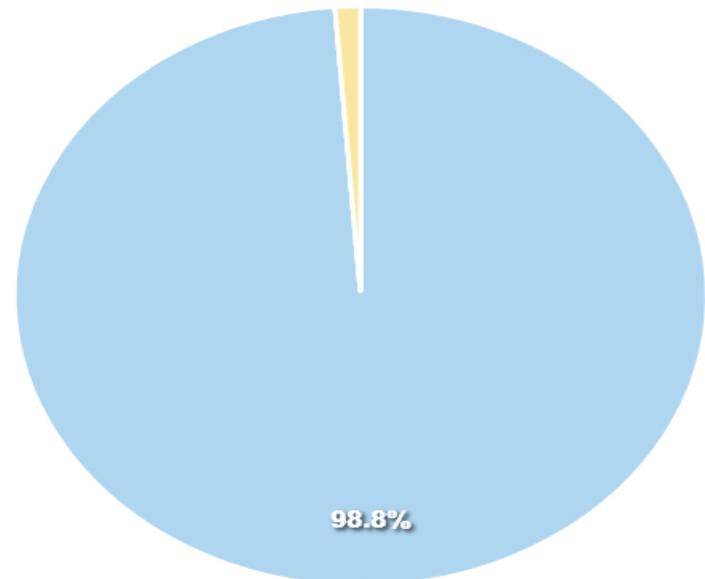
Type of standard goods	Emissions (tCO2)
Batteries, catalytic converter	80.0000
Copper	27.2000
Washing Machine	16.0200
Soft fruits - Apple	2.7000
Cereal - Wheat grain	1.2000

Type of standard service	Emissions (tCO2)
Insulated wires and cables	135.0000
Water purifier	25.2000
Metal waste - ferrous & non ferrous metals	1.4000
Non metal waste recycling	0.1000

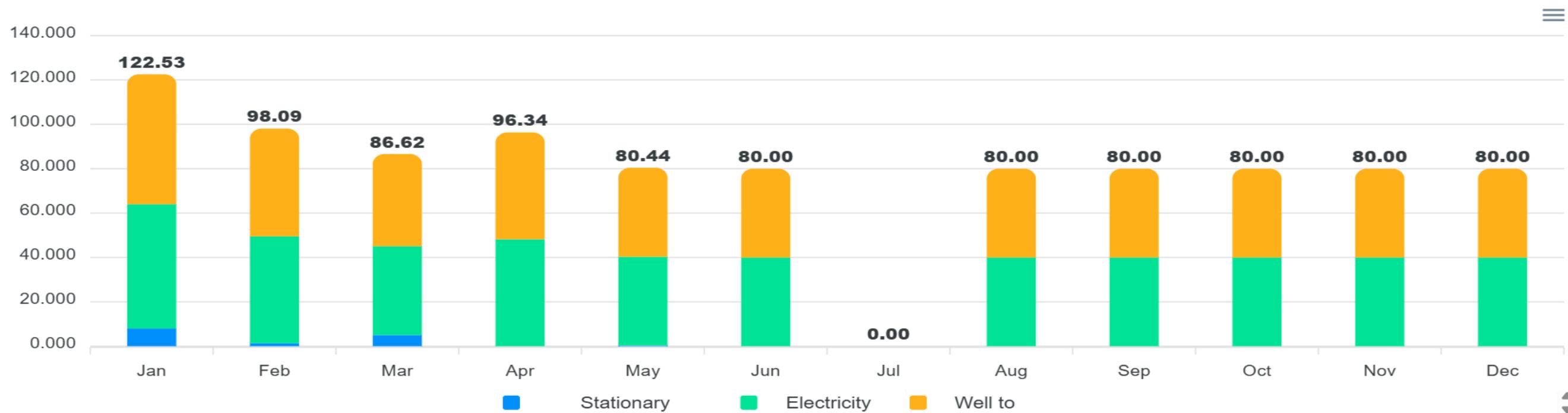
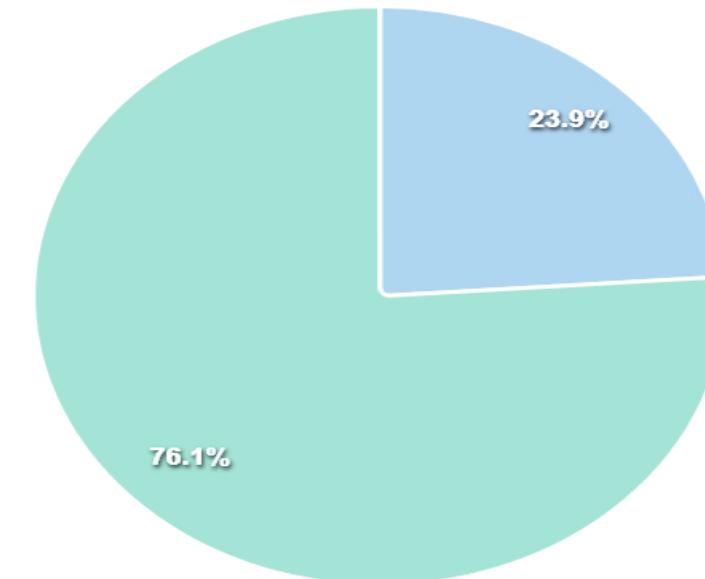
Type of capital goods	Emissions (tCO2)
Non metal waste recycling	0.1000

# FUEL AND RELATED ACTIVITIES

Emission by stationary combustion

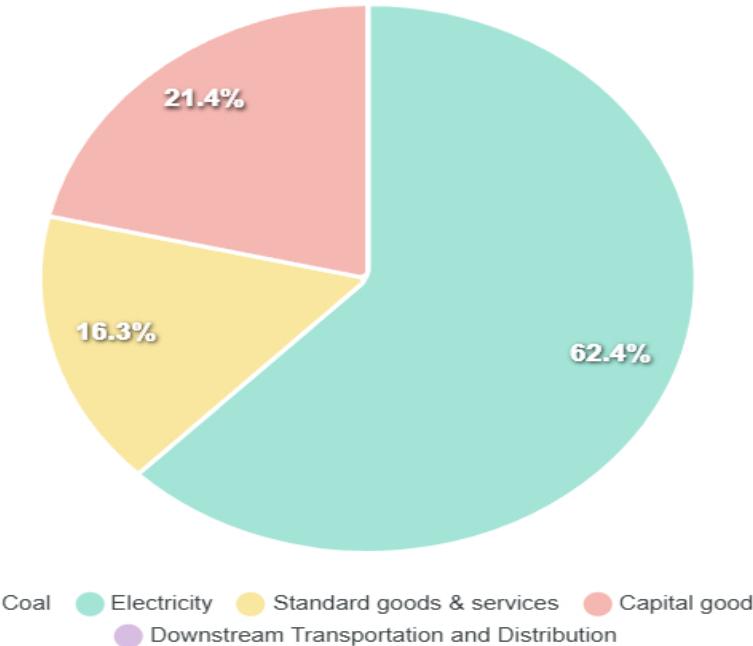
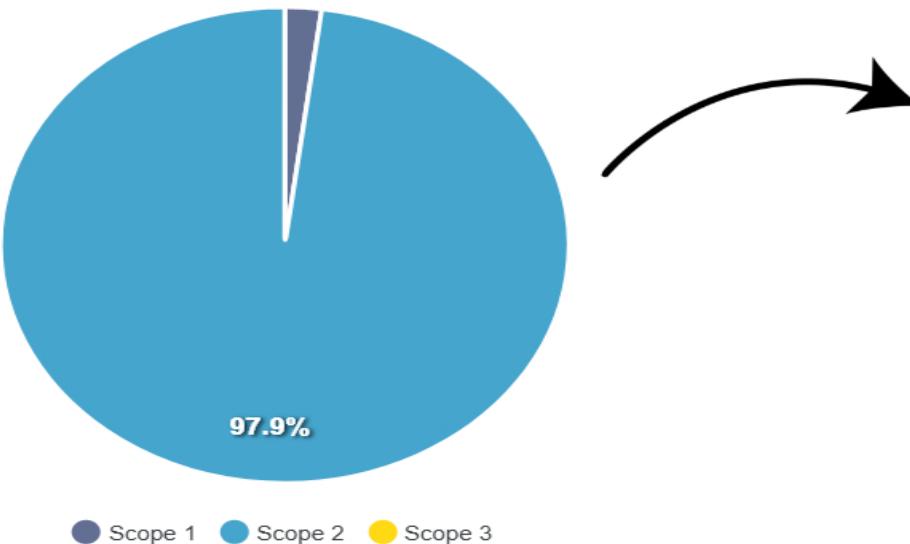


Emission by activity

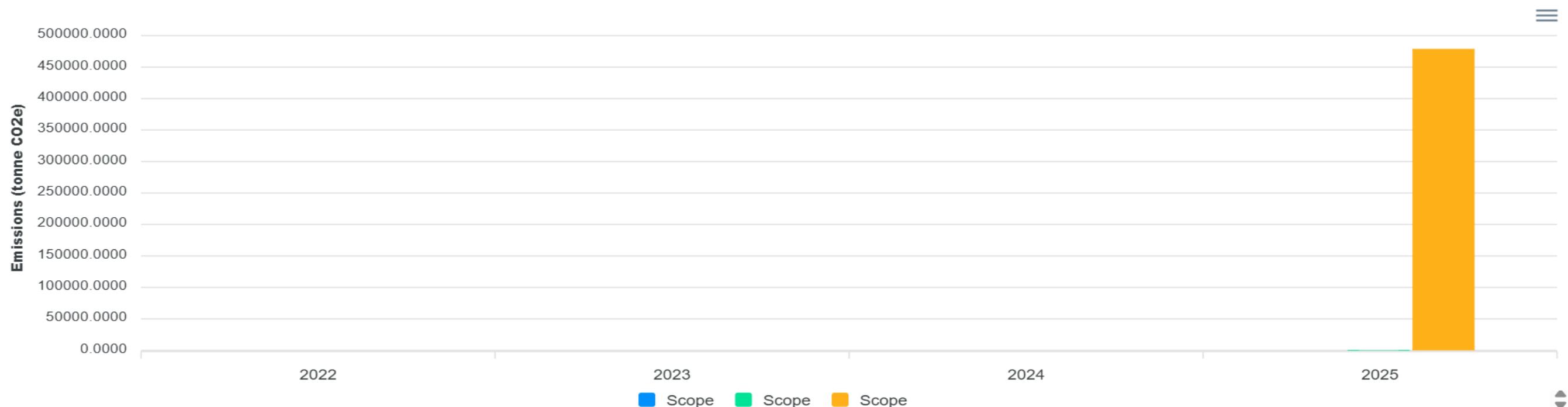


# OVERALL GHG INVENTORY FOR YEAR 2025

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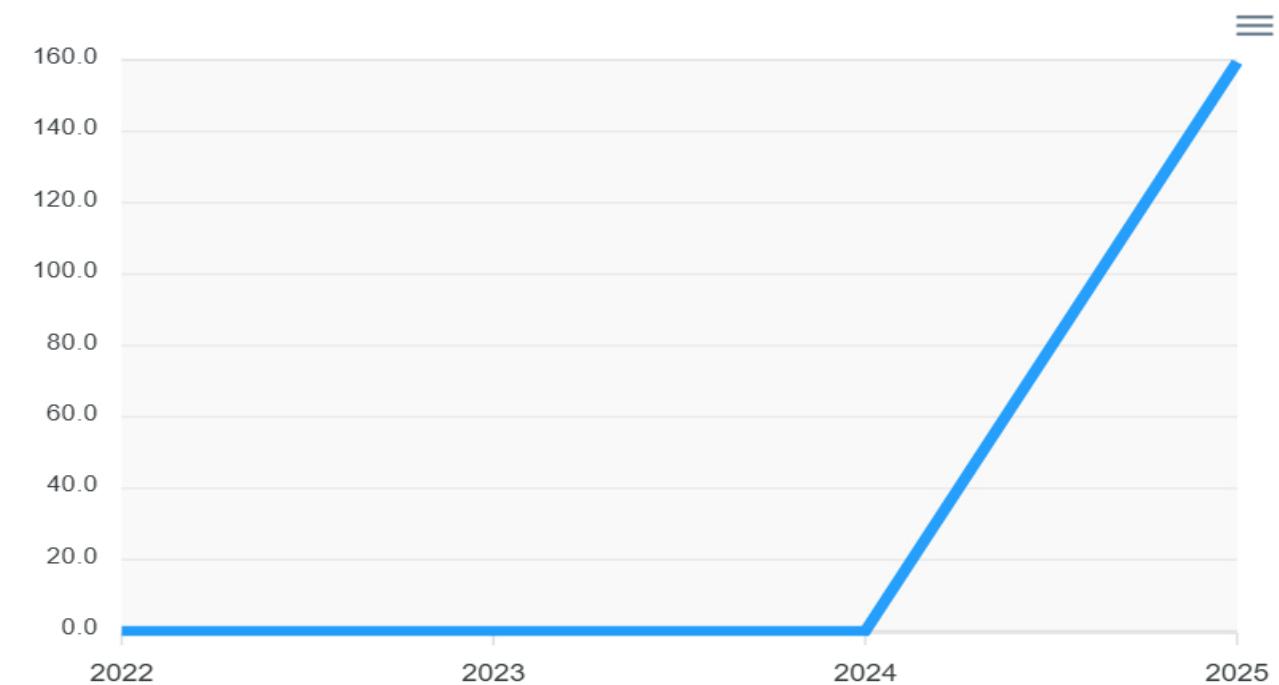
# SCOPE WISE GHG EMISSIONS FROM 2022-2025



**Remark:** The graph highlights a increase in emissions across all scopes from 2022 to 2025, reflecting rising environmental impact.

# GHG EMISSIONS PER NUMBER OF EMPLOYEES

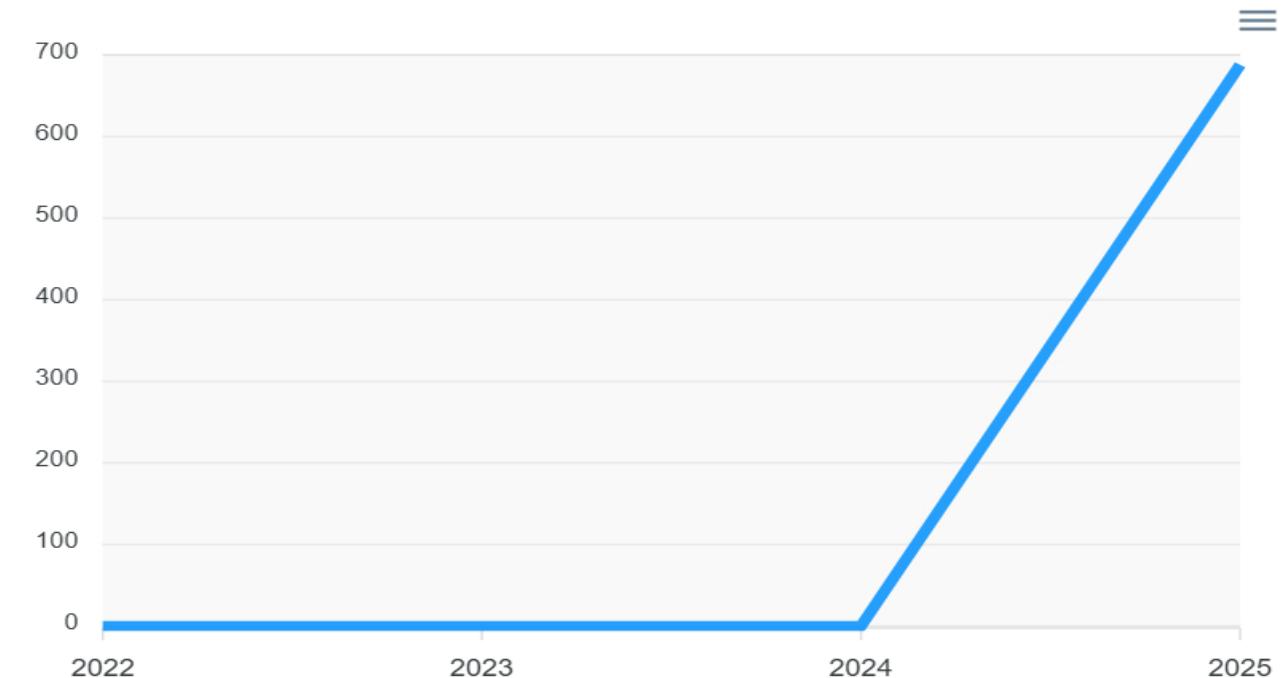
Year	Total GHG emissions (tCO <sub>2</sub> e)	Number of employees	GHG emission per employee (tCO <sub>2</sub> e)
2022	0	0	0
2023	0	0	0
2024	0	0	0
2025	478200	3000	159.4



**Remark:** The increase in the carbon footprint per employee from 2022 to 2025 highlights rising environmental impact.

# EMISSION INTENSITY (tCO<sub>2</sub>e) PER UNIT OUTPUT

Year	Total GHG emissions (tCO <sub>2</sub> e)	Revenue (in million \$)	Emission Intensity (tCO <sub>2</sub> e per million \$ of revenue)
2022	0	0	-
2023	0	0	-
2024	0	0	-
2025	808.129	1.1746	688.00



**Remark:** The increase in emission intensity from 2022 to 2025 indicates rising environmental impact

# CONCLUSION



# CONCLUSION

Category	Metrics	Result
GHG emissions	Scope 1:	16.7976 tCO <sub>2</sub> e
	Scope 2:	472.3440 tCO <sub>2</sub> e
	Scope 3:	318.9882 tCO <sub>2</sub> e
	Business Travel	18.655 tCO <sub>2</sub> e
	Employee Commute	0 tCO <sub>2</sub> e
	GHG emission per employee:	159.4 tCO <sub>2</sub> e
Waste	Total waste generated:	8.653 tonnes
	Total waste disposal:	37100 tonnes
	Total waste diverted:	83.83 tonnes

