GHG EMISSION REPORT

INOVAR PACKAGING GROUP LLC

Reporting Period:
Year 2022
Year 2023
Year 2024
Year 2025



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An Overview of GHG Emissions in Accordance with ISO 14064 and the GHG Protocol

ISO 14064

GREENHOUSE GAS PROTOCOL

ISO 14064 and GHG Protocol

01 Developing Accurate GHG Inventories

- We systematically monitor and document greenhouse-gas emissions throughout every facet of our operations. Our inventory captures all principal sources, delivering an accurate and all-encompassing picture of our GHG footprint.

02 Emission Reduction Strategies

- We are committed to lowering greenhouse gas emissions using focused strategies that achieve tangible outcomes. Our continual pursuit of progress allows us to steadily reduce emissions over time.

03 Transparent Reporting

- We deliver comprehensive reports on our GHG emissions and reduction efforts, maintaining transparency and accountability.
- Our reporting aligns fully with ISO 14064 and GHG Protocol standards, reflecting our dedication to clear and responsible disclosure.

04 Independent Verification by Third Party Auditors

- To ensure accuracy and credibility, we engage third-party auditors to validate and verify our GHG data.
- This independent verification reinforces our commitment to transparency and accountability.

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Location covered

9001 Sterling St Suite 100
75063 Irving, Texas United
States of America

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Introduction of GHG EMISSION

SCOPE 1
Direct Emission

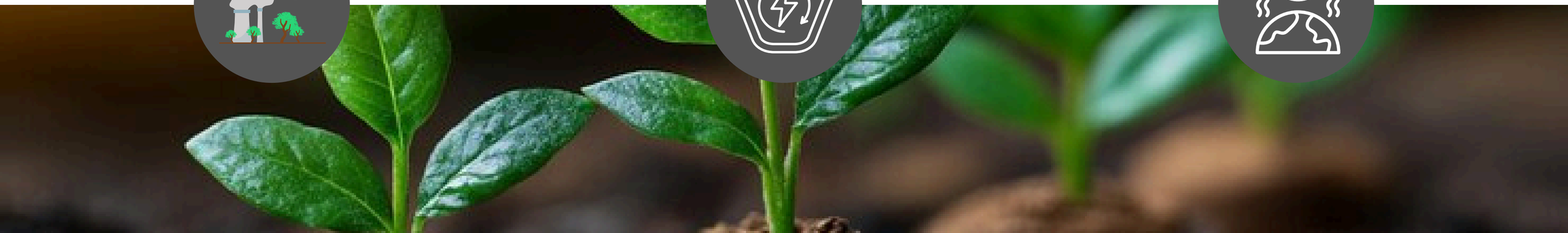
Organization-owned emissions, on-site combustion, vital for assessing, reducing the entity's GHG footprint during period.

SCOPE 2
Indirect Emission

Indirect emissions from purchased energy, crucial for assessing and reducing an organization's environmental impact for period.

SCOPE 3
Other Indirect Emission

Indirect emissions from the entire value chain, encompassing suppliers, customers, influencing sustainability impact during period.



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SCOPE 1

Direct GHG Emission

Organization-owned emissions, on-site combustion, vital for assessing, reducing the entity's GHG footprint during period.

Relevent SDGs



Mobile Combustion

Consumption of Diesel in Company's Own Car

Year 2022	Year 2023	Year 2024	Year 2025
55	53.50	50	00
0.01	0.01	0.01	NA

Direct mobile combustion emissions are no longer generated: forklifts are now battery-operated.

Consumption in miles

GHG Emission TCO_2Eq

Fugitive Emissions

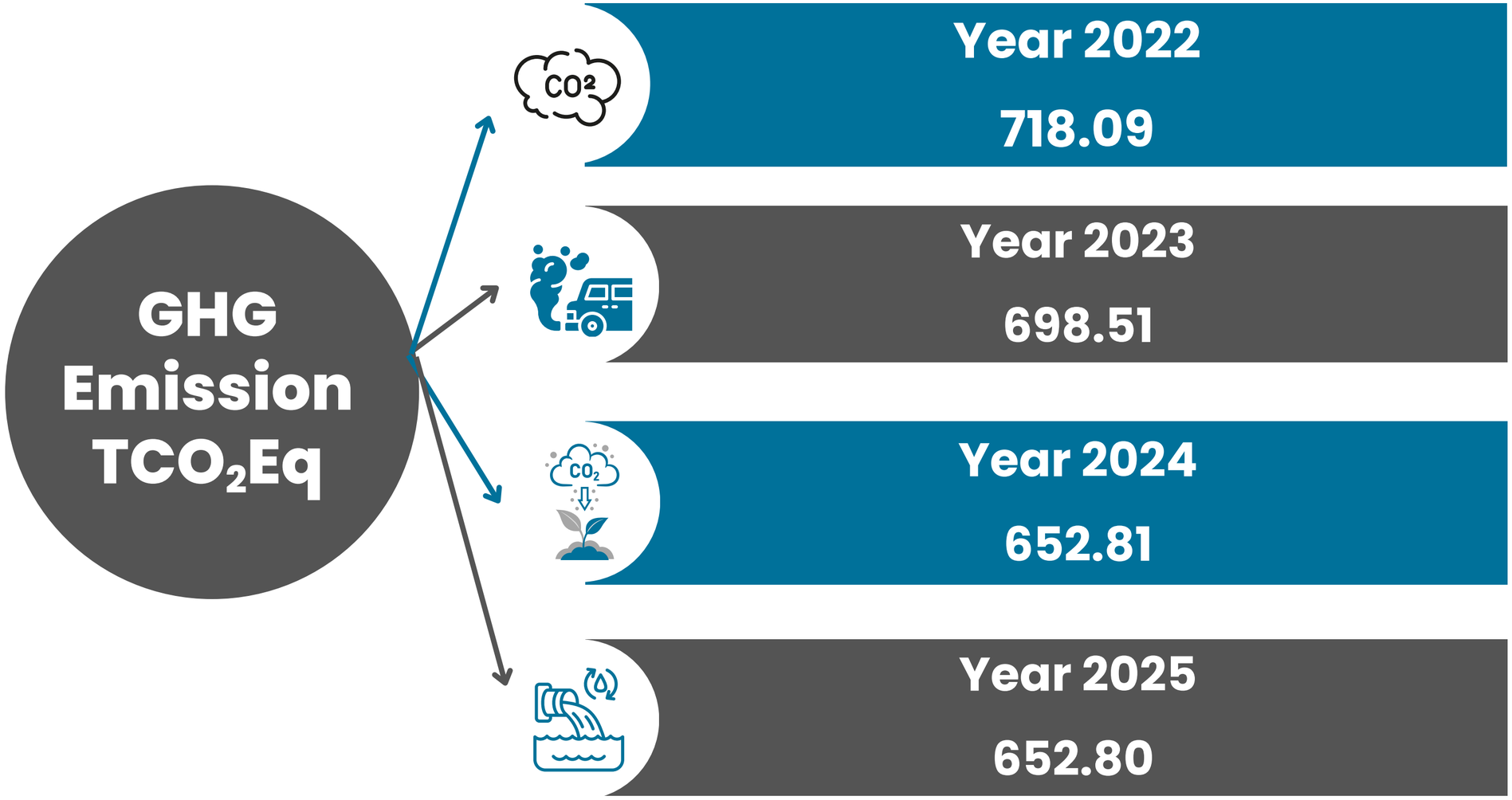
Consumption of Refrigerants - HFC-143a

Year 2022	Year 2023	Year 2024	Year 2025
149.60	145.52	136.00	136.00
718.08	698.50	652.8	652.8

Consumption in kg

GHG Emission TCO_2Eq

GHG Emission summary
Scope 1



SCOPE 2

Indirect GHG Emission

Indirect emissions from purchased energy, crucial for assessing and reducing an organization's environmental impact for period.



Relevent SDGs



Purchased Elecricity

Consumption of Conventional electricity



Year 2022

2,319,653

570.64

Year 2023

2,256,389

555.07

Year 2024

2,108,775

518.76

Year 2025

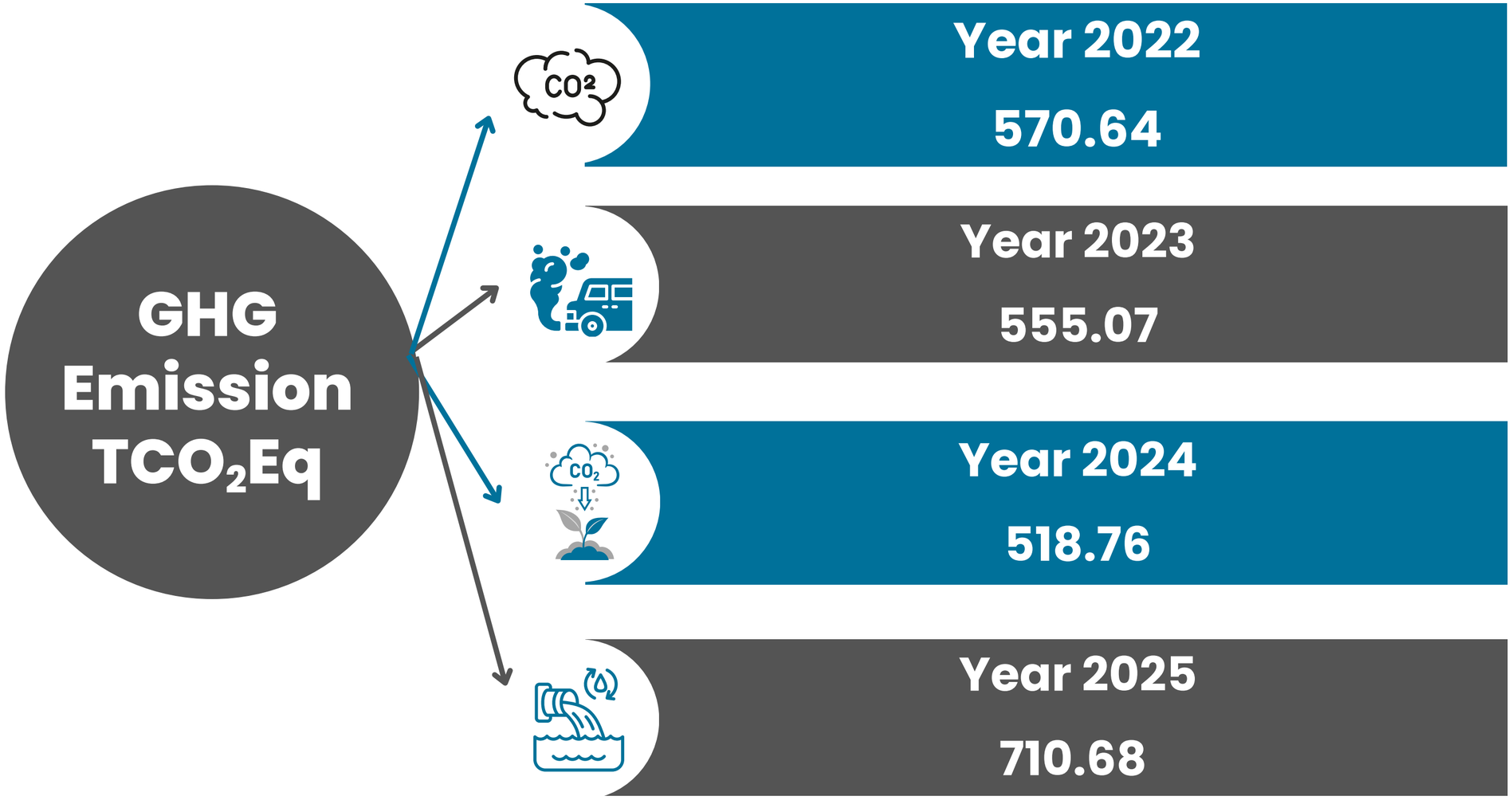
2,117,837

710.68

Consumption in kWh

GHG Emission TCO_2Eq

GHG Emission summary
Scope 2



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SCOPE 3

Other Indirect GHG Emission

Indirect emissions from the entire value chain, encompassing suppliers, customers, influencing sustainability impact during period.

Relevent SDGs





Purchased Goods

Consumption of Paper & Plastics

Year 2022	Year 2023	Year 2024	Year 2025
1,201.20	1,168.44	1,092.00	1,217.00
1,491.52	1,450.85	1,355.93	3,259.60

Consumption in tonne

GHG Emission TCO_2Eq

Upstream Transportation

Transportation of raw material by HGVs

Year 2022	Year 2023	Year 2024	Year 2025
1,753.4	1,705.58	1,594.0	252.00
6,573.6	6,394.32	5,976.0	10,124.64
68.64	66.76	62.4	27.09

Consumption in tonne

Total Km travelled

GHG Emission TCO_2Eq

Downstream Transportation

Transportation of Finish Goods by HGVs

Year 2022	Year 2023	Year 2024	Year 2025
1,095.6	1,065.72	996.0	1,028.00
14,782.9	14,379.73	13,439.0	10,984.74
116.72	113.54	106.11	115.38

Consumption in tonne

Total Km travelled

GHG Emission TCO_2Eq

Electricity Transmission & Distribution Loss

Year 2022	Year 2023	Year 2024	Year 2025
2,319,653	2,256,389	2,108,775	21,17,837
43.61	42.42	39.64	39.82

The T&D loss values have been revised to ensure greater accuracy and consistency

Consumption of kWh

GHG Emission TCO_2Eq

Waste Disposal

Year 2022	Year 2023	Year 2024	Year 2025
548.9	533.93	499.00	291.00
285.60	277.81	259.64	237.18

Generation of tonnes

GHG Emission TCO_2Eq

Water Supply

Year 2022	Year 2023	Year 2024	Year 2025
3,326.40	3,235.68	3,024.00	133.00
0.51	0.49	0.46	0.03

Cubic meters

GHG Emission
TCO_2Eq

Business Travel Air

Year 2022	Year 2023	Year 2024	Year 2025
3,300	3,210	3,000	43,272.00
1.60	1.55	1.45	48.49

Consumption in km

GHG Emission TCO_2Eq

Business Travel Land

Year 2022	Year 2023	Year 2024	Year 2025
1,650	1,605	1,500	1,058.67
0.45	0.44	0.41	0.29

Consumption in Miles

GHG Emission TCO_2Eq

Hotel Stay

Year 2022	Year 2023	Year 2024	Year 2025
2.20	2.14	2.00	53.00
0.18	0.17	0.16	4.06

Number of Nights stay Per Room

GHG Emission TCO_2Eq

Employee Commute

Year 2022	Year 2023	Year 2024	Year 2025
00	00	00	3,504.00
NA	NA	NA	0.91

Employee commuting data collection was introduced from CY 2025 as part of the organisation's evolving GHG data collection and reporting maturity.

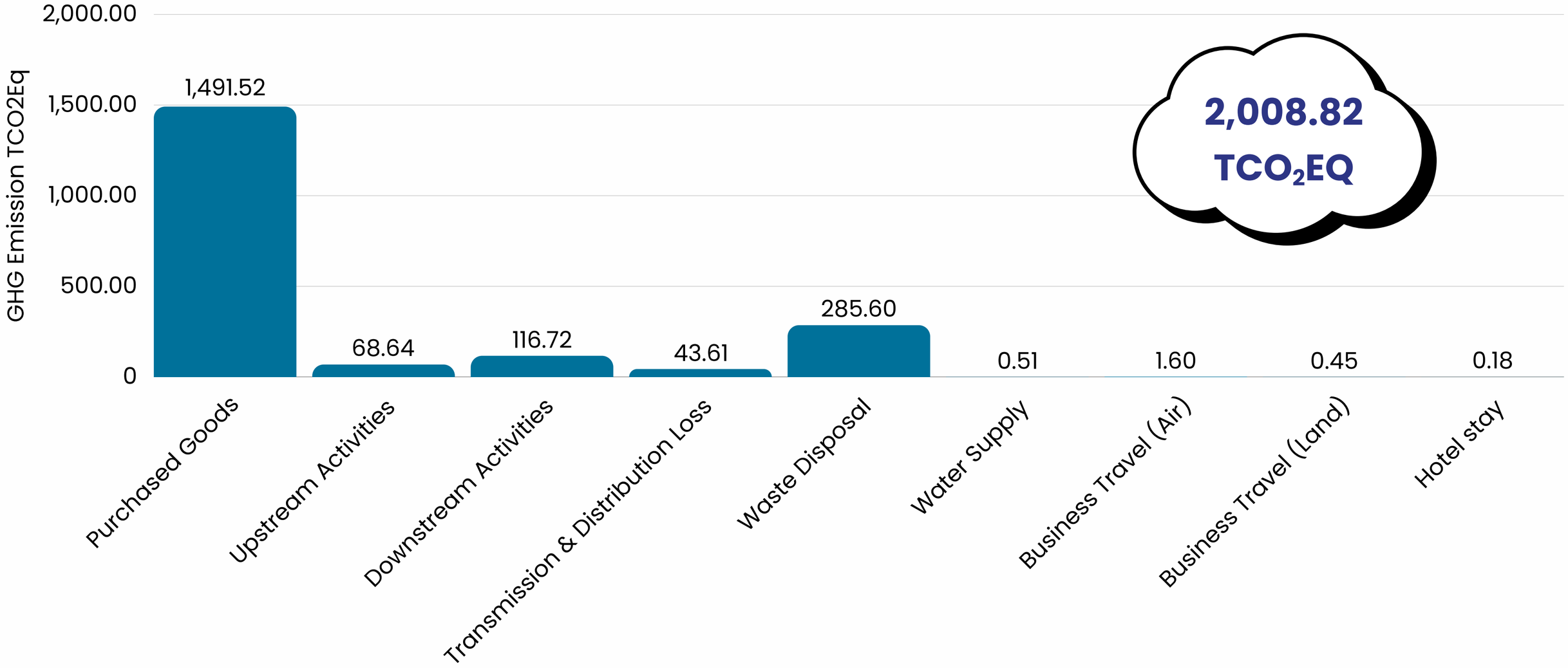
Consumption in Miles

GHG Emission TCO_2Eq

Summary of Scope 3

TOTAL GHG Emission TCO_2Eq

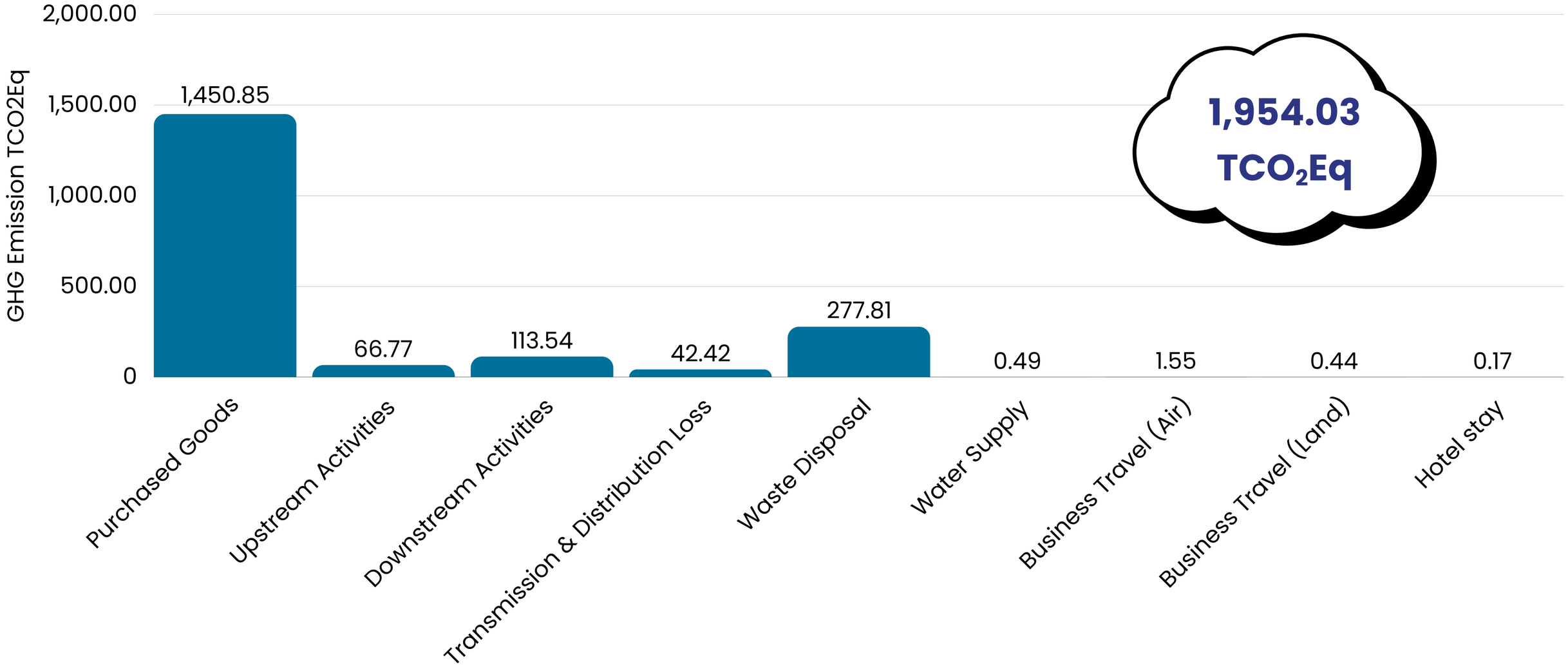
Year 2022



Summary of Scope 3

TOTAL GHG Emission TCO_2Eq

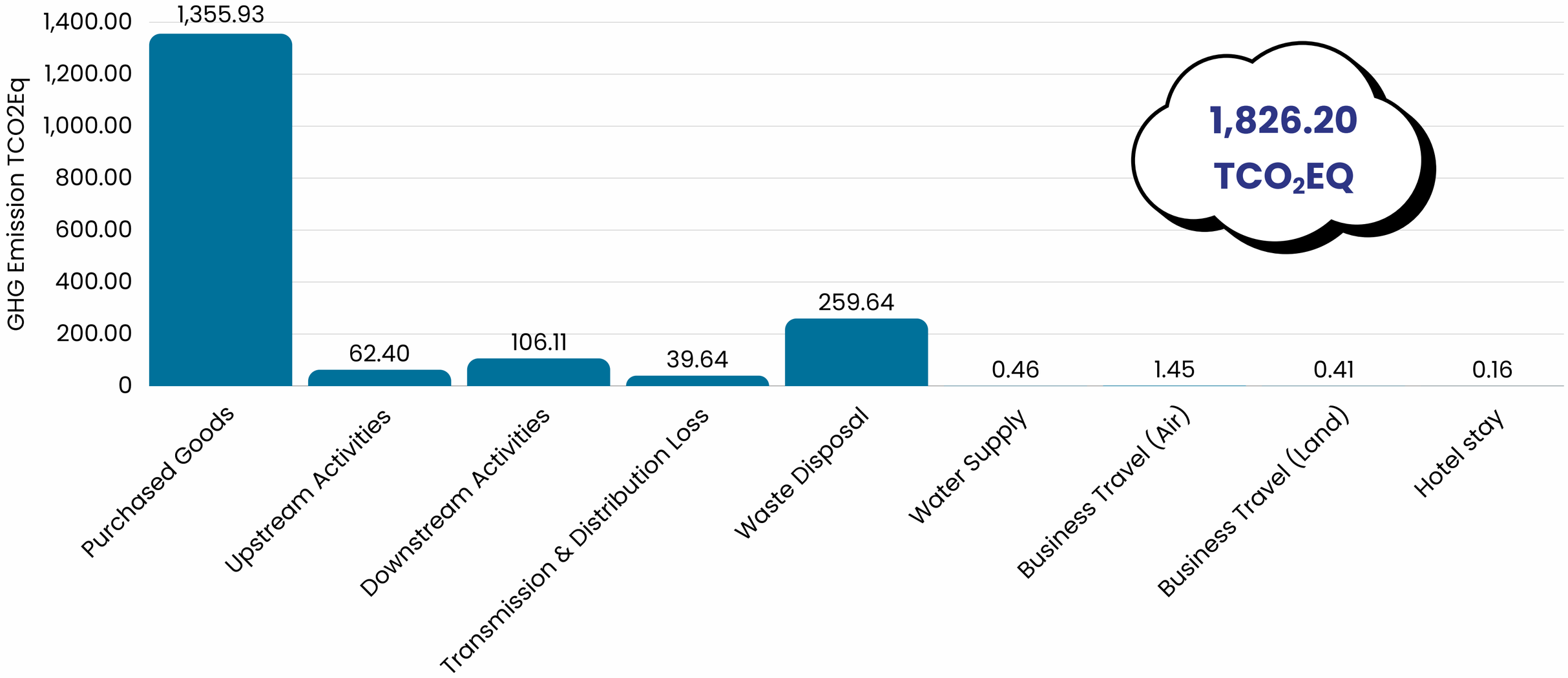
Year 2023



Summary of Scope 3

TOTAL GHG Emission TCO_2Eq

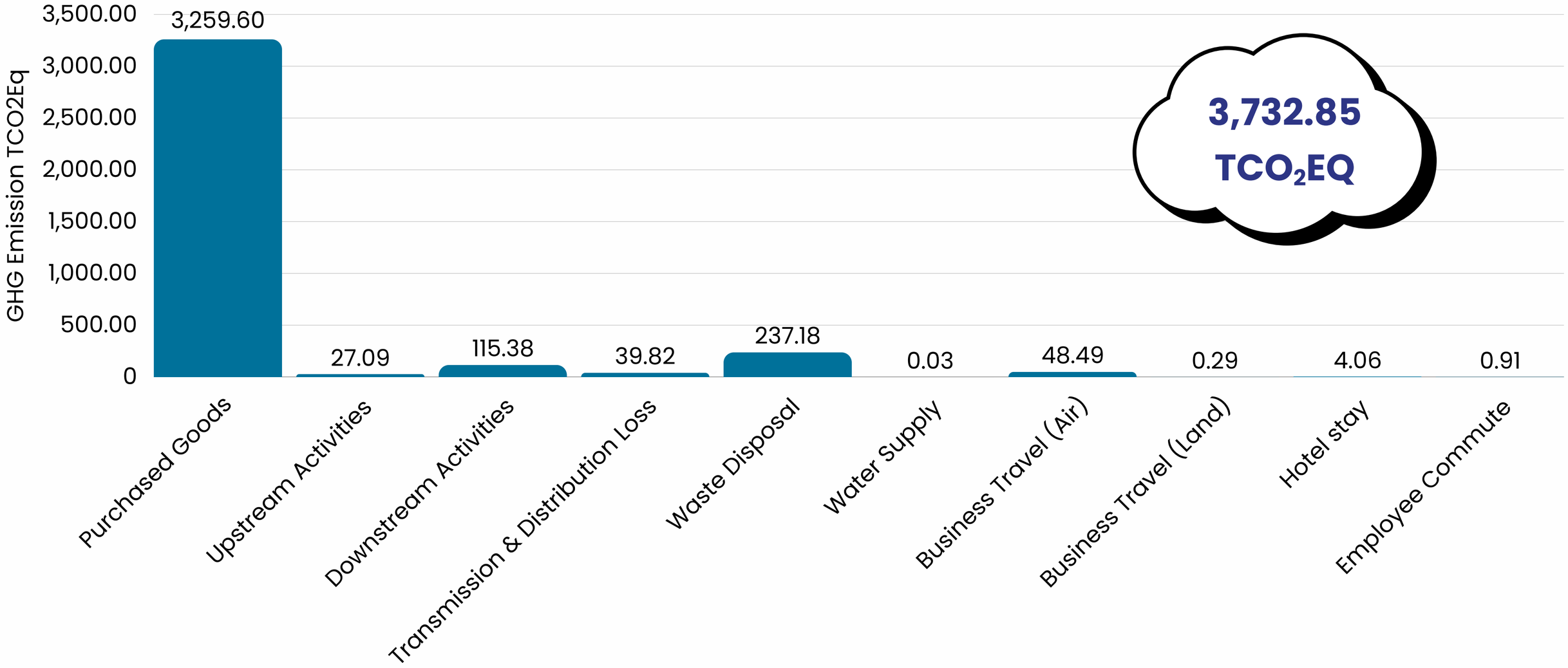
Year 2024



Summary of Scope 3

TOTAL GHG Emission TCO_2Eq

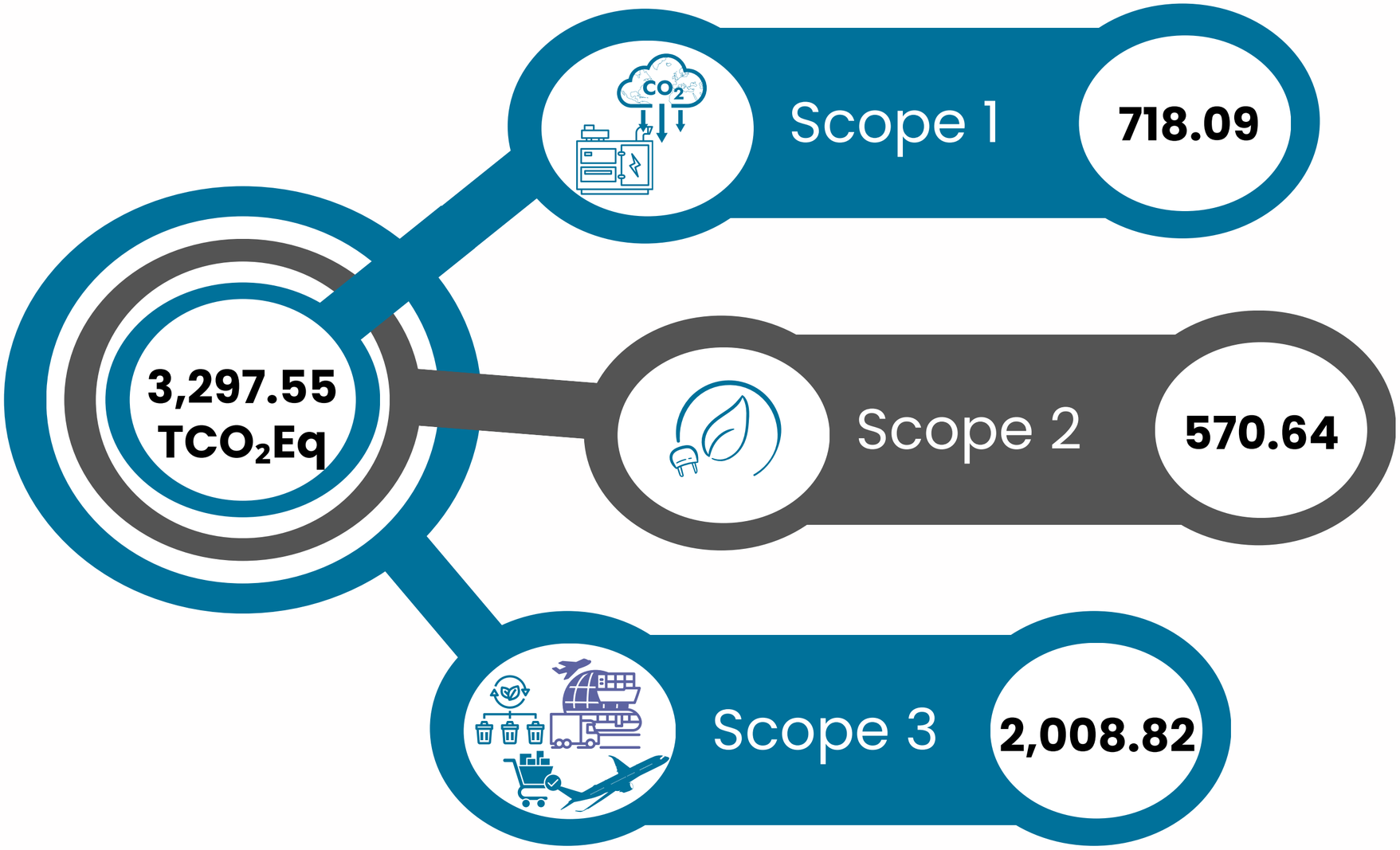
Year 2025



Total GHG Emission in TCO_2Eq

Reporting Period

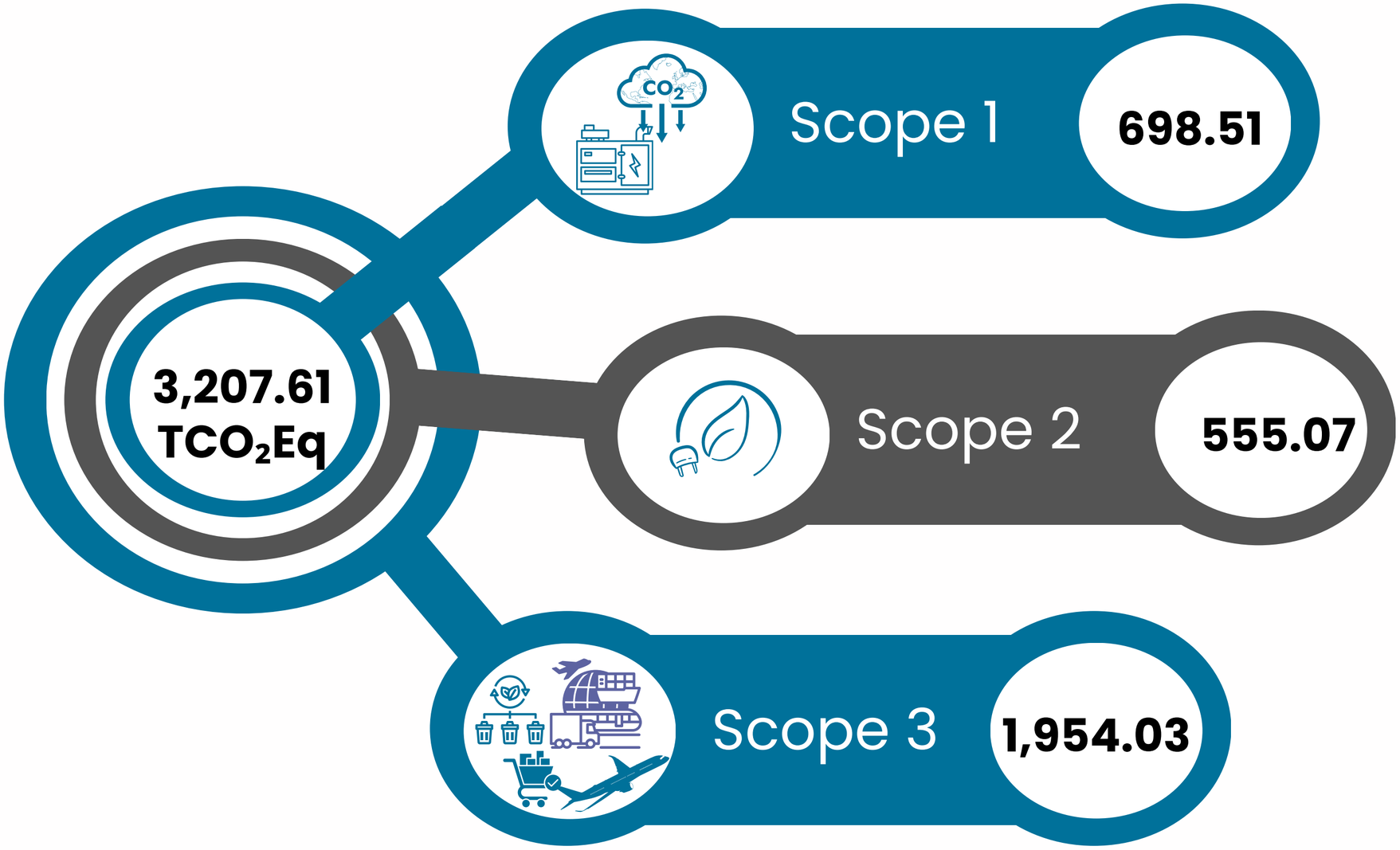
Year 2022



Total GHG Emission in TCO_2Eq

Reporting Period

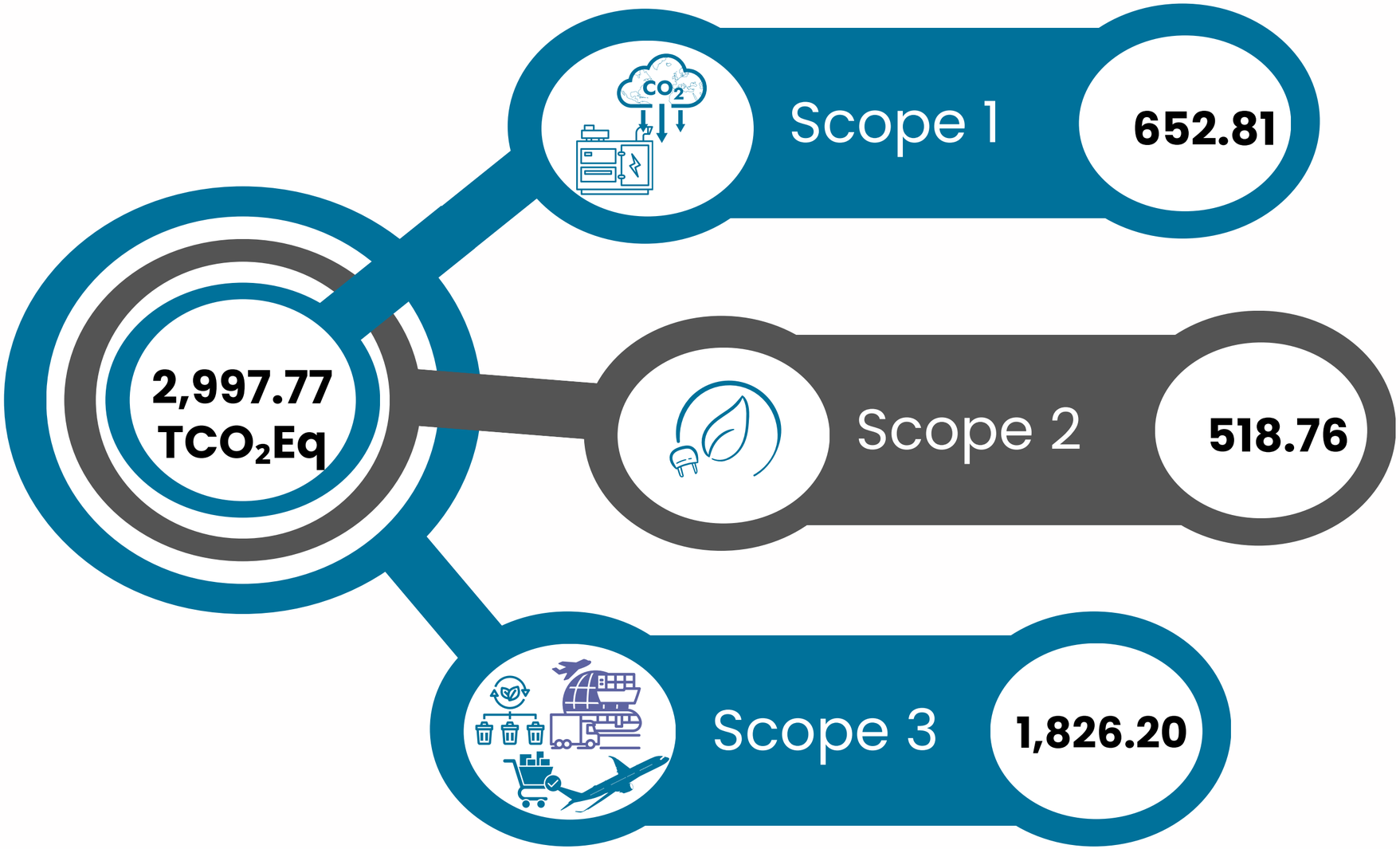
Year 2023



Total GHG Emission in TCO_2Eq

Reporting Period

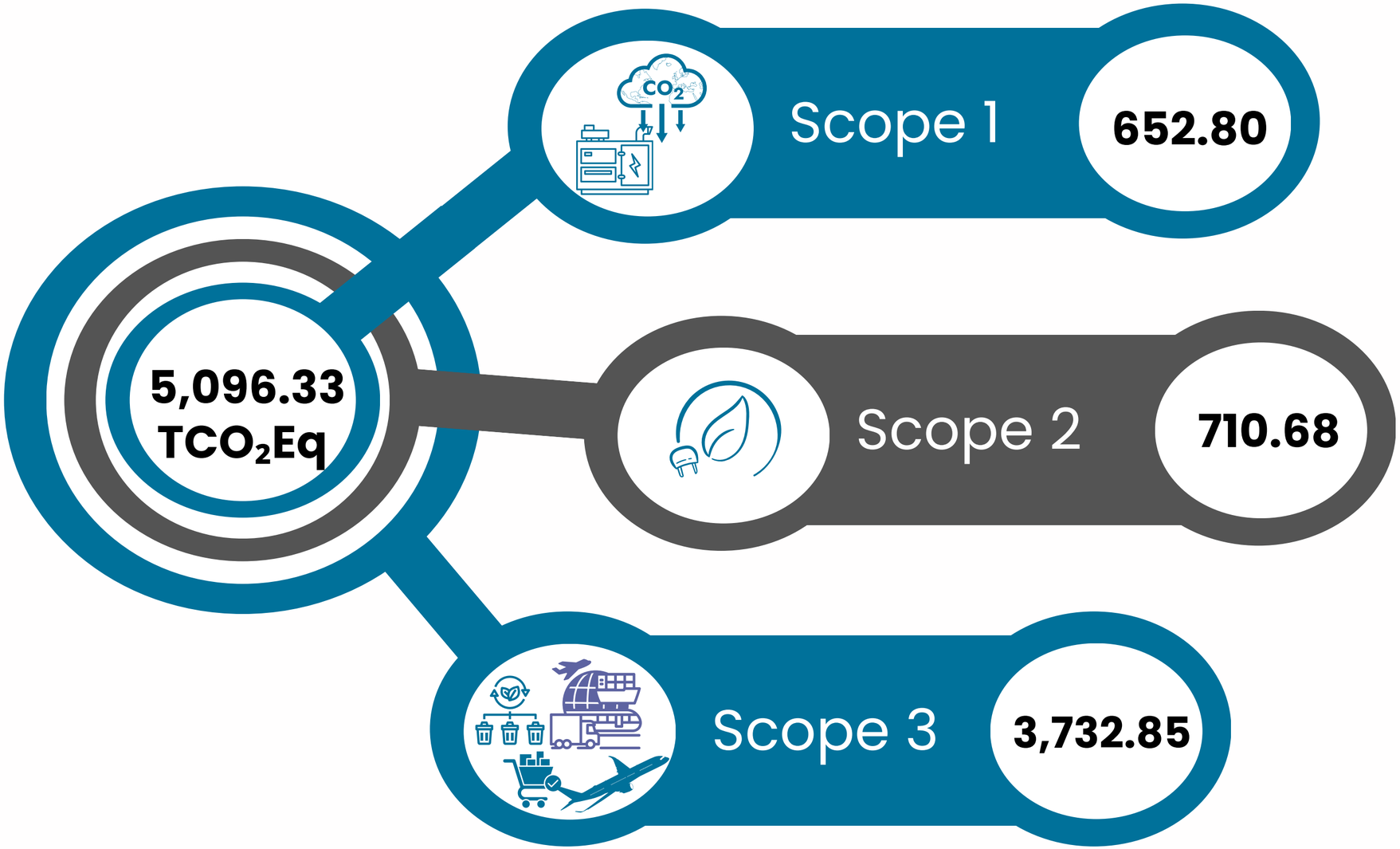
Year 2024



Total GHG Emission in TCO_2Eq

Reporting Period

Year 2025



GHG Emission Reduction Action Plan

Scope	Source	2022 baseline (tCO_2e)	2025 actual (tCO_2e)	2028 target	Action plan	KPI to track	Review	Responsibility
Scope 1	Refrigerant leaks	718.08	652.80	**574.47 (20% reduction)**	Planned maintenance and leak checks on refrigeration and HVAC equipment; prompt repairs; record every top-up	Refrigerant top-up (kg)	Maintenance logs, monthly	Technical Manager & Safety Head
Scope 2	Purchased electricity	570.64	710.68	**456.51 (20% reduction)**	Energy audit, LED lighting, efficient motors and HVAC tuning; 20% renewable electricity	kWh used; % renewable	Bills and meter readings, monthly	Technical Manager & Safety Head
Scope 3	Purchased goods	1,491.52	3,259.60	**Within Scope 3 target**	FSC-certified paper, recycled films and recyclable labels; supplier emission data	% sustainable sourcing (target 55%)	Purchase records, quarterly	Procurement Head
Scope 3	Waste disposal	285.60	237.18	**Within Scope 3 target**	Machine calibration, digital proofing, color-coded bins and liner take-back programs	% diverted from landfill (target 21%)	Waste tickets, monthly	Technical Manager & Safety Head
Scope 3	Transport	185.36	142.47	**148.29 (20% reduction)**	Off-peak, consolidated deliveries; optimized routes; lower-emission carriers	Vehicle movements (target 5,010)	Delivery logs, quarterly	Procurement Head
Total	**Scope 1 + 2 + 3**	**3,297.55**	**5,096.33**	**2,638.04 (20% reduction)**				

Purchased goods and waste disposal count toward the total Scope 3 target of 1,607.06 tCO_2e (20% reduction). Transport combines upstream and downstream transportation.