JMF

Growlity™
Growth with Sustainability

GHG EMISSION REPORT

JMF Performance Materials Pvt. Ltd.

Reporting Period

Year 2022
Year 2023
Year 2024
Year 2025 (January to July)

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Introduction of GHG Emission Accordance with ISO 14064 and the GHG Protocol

ISO 14064

GREENHOUSE GAS PROTOCOL

GHG

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PFCS CO_2 N_2O HFCS CH_4 SF_6

SCOPE 3

INDIRECT
Upstream activities


LEASED ASSETS

WASTE GENERATED IN OPERATIONS


BUSINESS TRAVEL

FUEL AND ENERGY RELATED


TRANSPORTATION AND DISTRIBUTION

PURCHASED GOODS AND SERVICES


CAPITAL GOODS

SCOPE 1

DIRECT

COMPANY FACILITIES & VEHICLES

SCOPE 2

INDIRECT

PURCHASED ELECTRICITY, STEAM, HEATING AND COOLING FOR OWN USE

SCOPE 3

INDIRECT
Downstream activities

FRANCHISES


INVESTMENTS

END-OF-LIFE TREATMENT OF SOLD PRODUCTS


LEASED ASSETS

PROCESSING OF SOLD PRODUCTS


USE OF SOLD PRODUCTS

TRANSPORTATION AND DISTRIBUTION

Reference used for study: ISO 14064 & Green House Gas Protocol

ISO 14064 and the GHG Protocol

1. Developing Accurate GHG Inventories

We meticulously measure and document GHG emissions across all operations, ensuring our inventory includes all relevant emission sources for comprehensive coverage.

2. Implementing Emission Reduction Strategies

We identify opportunities to reduce GHG emissions, implement effective strategies to achieve these reductions, and continuously monitor and improve our processes to minimize our GHG footprint.

3.Transparent Reporting

We prepare detailed reports on our GHG emissions and reduction efforts, strictly adhering to ISO 14064 and GHG Protocol standards.

4. Third-Party Verification

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

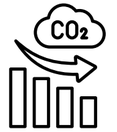
5. GHG Emissions Data Restatement

As part of our GHG Emission Report, we emphasize transparency and continuous improvement. Our previously reported GHG emissions have been restated in this edition, as we refined our methodology and updated emission factors to align more closely with the GHG Protocol. This adjustment enables more accurate year-on-year comparisons and reflects stronger internal validation and review processes. By disclosing this change openly, we reaffirm our commitment to credible, reliable, and transparent sustainability reporting.

Locations Covered

Sr.No	Locations	Address
1	Bhiwandi Warehouse	D6, 10 To 15, Bhagwan Seth Estate, Purna, Bhiwandi 421302 & B3 Gala No.12, Gayatri Complex, Village Val, Bhiwandi, Thane, Maharashtra, 421302.
2	Chennai Warehouse	WH No.14 at DCB Group, 35/2A & 36/2B2, Sothupakkam Road, Sothupakkam, Redhills, Chennai, Tamil Nadu, 600052.
3	Faridabad Warehouse	Plot No. 12/66, Baba Deep Singh Ji Shaheed Marg, NIT Industrial Area, Opp. Govt. Press Colony, Faridabad, Haryana, 121001.
4	Nariman Point Office	6th Floor, 609, Raheja Centre, Free Press Journal Marg, Nariman Point, Mumbai, 400021.
5	Thane Office	9th Floor, Unit No. 910, B-Wing, Lodha Supremus - II, Plot No. F-4 & F-4/1, MIDC Road No. 22, Wagle Estate MIDC, Thane (W), Maharashtra, 400604.
6	Delhi Office	501, Sethi Bhawan, East Patel Nagar, Rajendra Place, New Delhi, 110008.

About GHG Emission



Scope 1	Scope 2	Scope 3
Direct Emission	**Indirect Emission**	**Other Indirect Emission**
Organization - owned emissions resulting from onsite combustion are critical for assessing and reducing the entity's GHG footprint during period.	Indirect emissions from purchased energy, critical for evaluating and mitigating an organization's environmental impact, for period.	Indirect emissions from the entire value chain, encompassing suppliers, customers, influencing sustainability impact during period.

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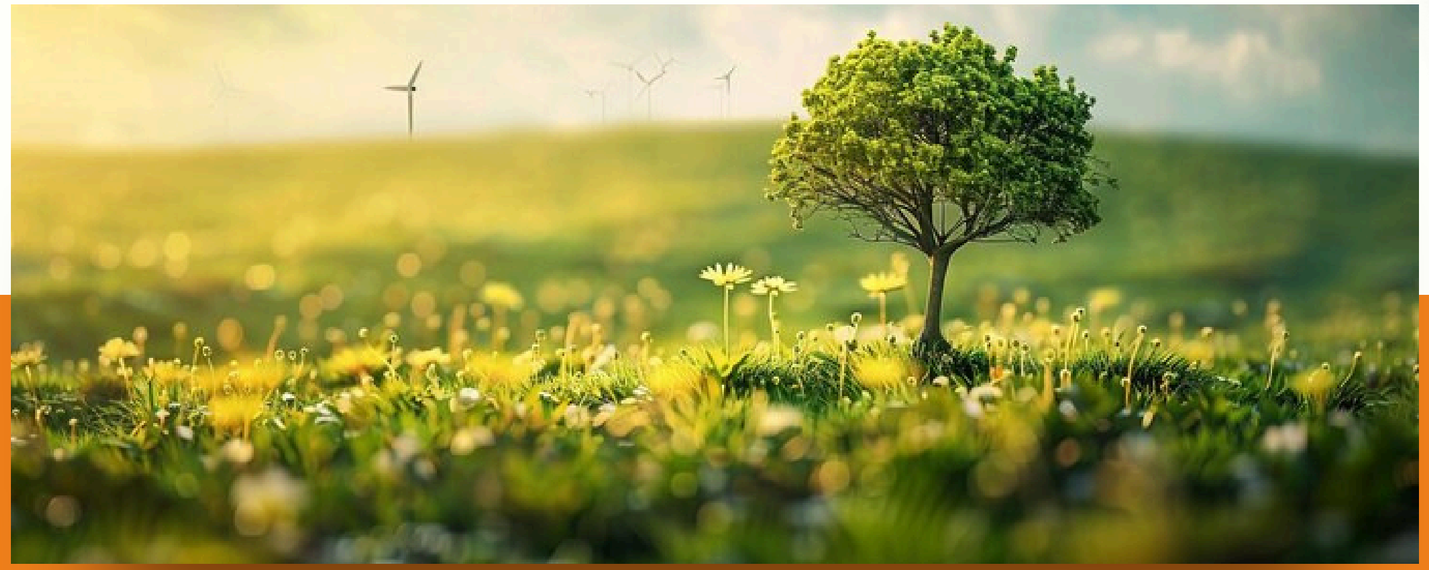
Scope 1

Direct GHG Emission



Mobile Combustion

Consumption of Diesel & Petrol in Car, Motorbike & HGVs

Year 2022	Year 2023	Year 2024	Year 2025
14,673	15,959	4,27,285	1,25,009
33.40	38.00	74.38	22.50

km travelled

GHG Emission TCO_2Eq

Fugitive Emission

Refrigerant refilling of R-22, R-32, R410A, R134A & R600A

Year 2022	Year 2023	Year 2024	Year 2025
18	NA	NA	NA
25.95	--	--	--

Note: There was no refrigerant refilling from 2023 to July 2025.

Consumption in kg

GHG Emission TCO_2Eq

Fugitive Emission

Refrigerant refilling CO_2 in Fire Extinguisher

Year 2022	Year 2023	Year 2024	Year 2025
23.5	23.5	32.5	32.5
0.0235	0.0235	0.0325	0.0325

Consumption in kg

GHG Emission TCO_2Eq

Group level Summary Scope 1

GHG Emission TCO_2Eq

Year 2022	Year 2023	Year 2024	Year 2025
59.35	38.00	75.12	23.24

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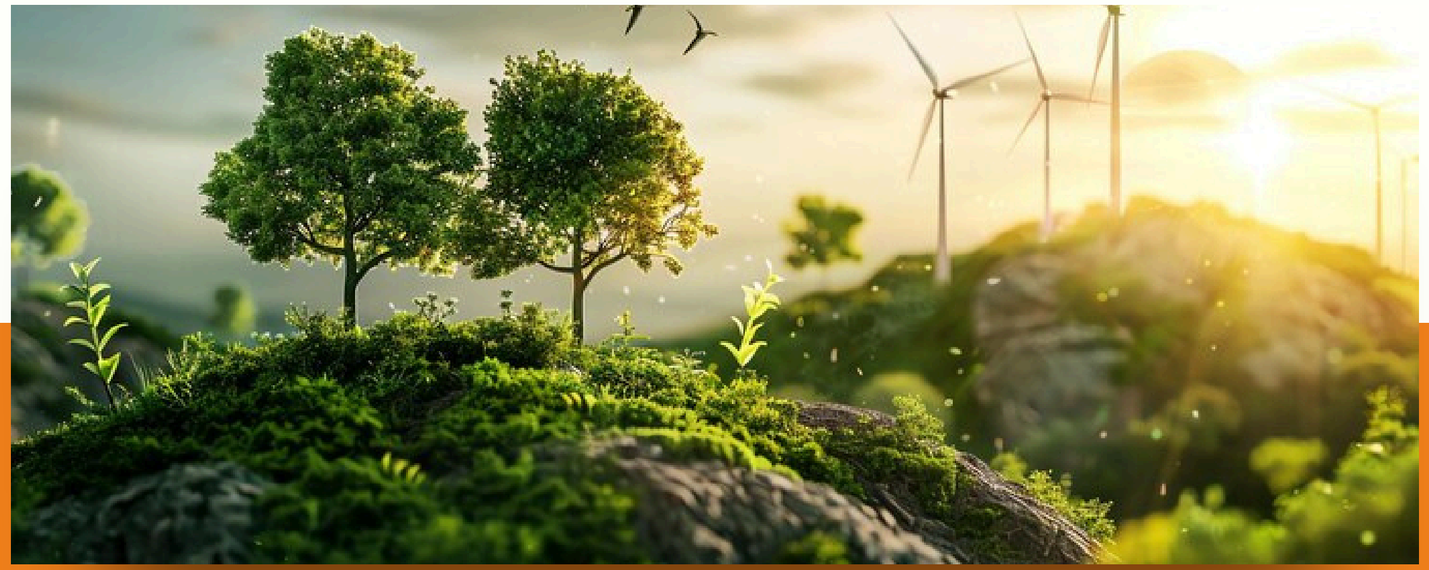
Scope 2

Indirect GHG Emission



Purchased Electricity

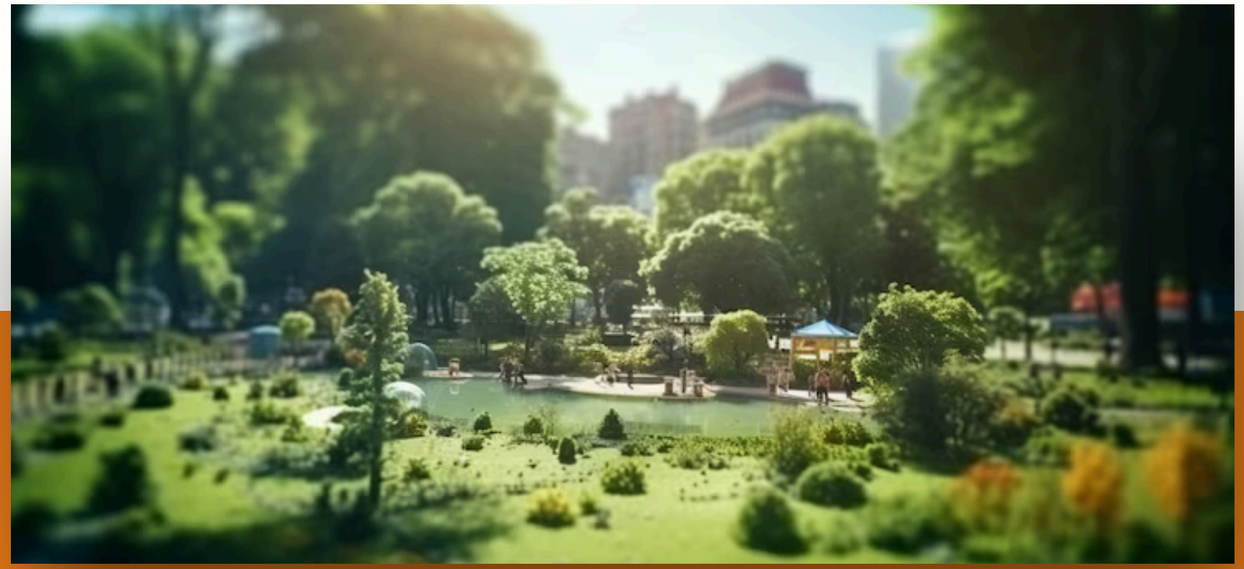
Year 2022	Year 2023	Year 2024	Year 2025
49,093	43,202	47,851	32,733
29.83	26.72	34.80	23.81

Consumption in kWh

GHG Emission TCO_2Eq

Scope 3

Other Indirect GHG Emission



Categories of Scope 3

- Employee Commute
- Purchased Goods
- Transmission & Distribution Loss
- Upstream Activities
- Downstream Activities
- Waste Disposal
- Water Supply
- Business Travel
- Hotel Stay

Employee Commute

Using of Motorbike, Bus, Taxi & Rail

Year 2022

2,06,440

26.31

Year 2023

2,02,523

22.49

Year 2024

7,12,399

33.50

Year 2025

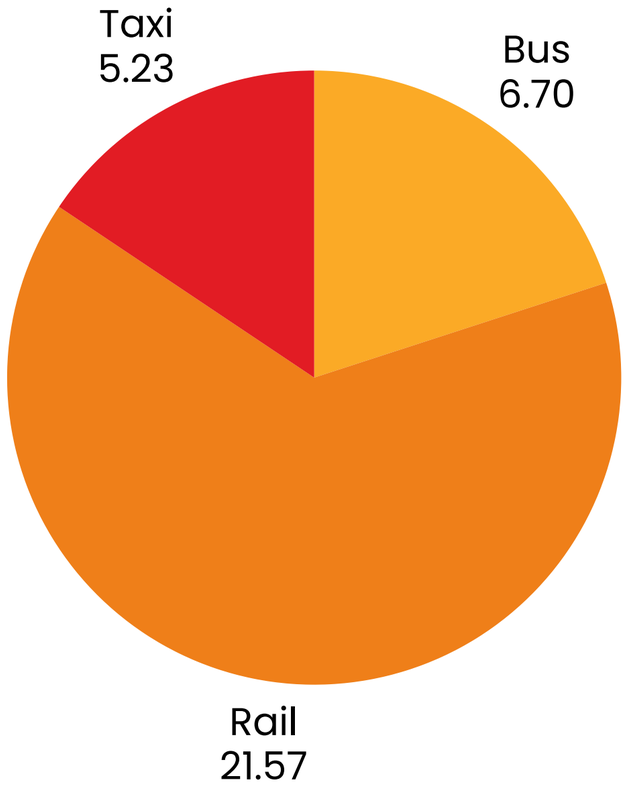
3,56,157

16.91

km travelled

GHG Emission TCO_2Eq

GHG Emission TCO_2Eq for Year 2024



Purchased Goods

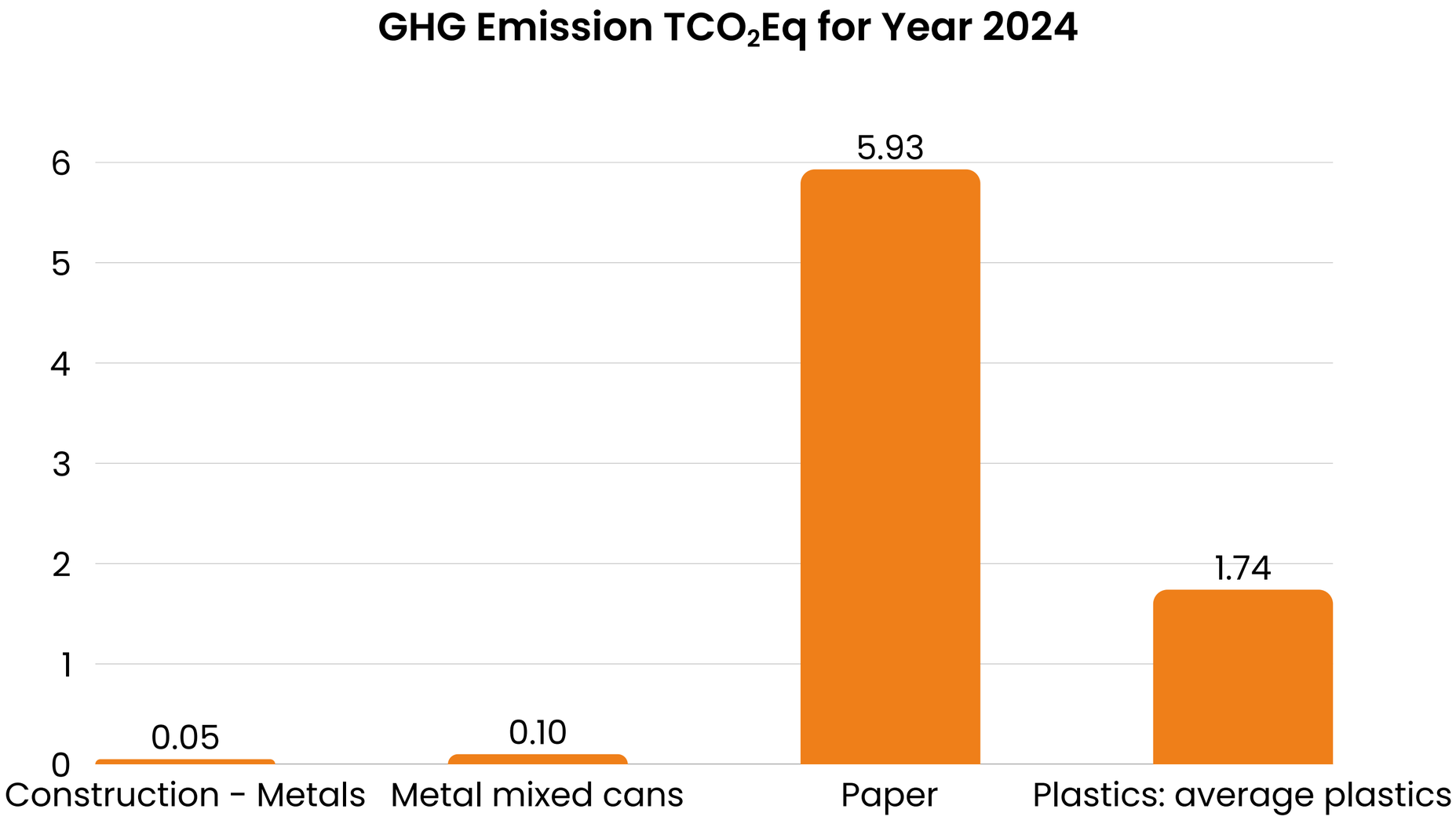
Purchasing of Metal, Plastic & Papers

Year 2022	Year 2023	Year 2024	Year 2025
4.91	4.66	5.00	1.92
5.61	5.32	7.82	3.26

Consumption in Tonnes

GHG Emission TCO_2Eq

Purchased Goods



Transmission & Distribution Loss

Year 2022	Year 2023	Year 2024	Year 2025
49,093	43,202	47,851	32,733
0.92	0.83	0.90	0.61

Consumption in kWh

GHG Emission TCO_2Eq

Upstream Activities

Transportation of Raw Materials by Road, Air & Sea routes

Year 2022	Year 2023	Year 2024	Year 2025
8,430.46	9,215.27	12,507.99	6,171.27
39,04,746.00	50,50,047.40	54,55,208.70	24,17,204.70
981.29	989.97	808.67	344.66

Metric Tonness

km travelled

GHG Emission TCO_2Eq

Downstream Activities

Transportation of Finishing Goods by Road, Air & Sea routes

Year 2022	Year 2023	Year 2024	Year 2025
9,151.10	10,810.07	12,717.21	5,576.14
41,02,745.24	53,33,568.81	53,70,629.37	28,30,861.32
2,424.81	3,187.43	3,667.60	1,338.70

Metric Tonness

km travelled

GHG Emission TCO_2Eq

Waste Disposal

Generation of Household residual waste, Metals, Paper & Plastic

	Generation in Tonnes	GHG Emission TCO_2Eq
Year 2022	8.00	0.17
Year 2023	8.70	0.19
Year 2024	8.24	0.05
Year 2025	3.96	0.02

Water Supply

Consumption of Water

Year 2022	Year 2023	Year 2024	Year 2025
77.00	80.91	81.04	49.24
0.011	0.014	0.012	0.009

Total Cubic meter

GHG Emission TCO_2Eq

Business Travel

Air travel by Flights

Year 2022	Year 2023	Year 2024	Year 2025
1,07,596	4,07,567	1,67,850	12,880
14.49	52.55	42.75	3.51

km travelled

GHG Emission TCO_2Eq

Business Travel

Land travel by Car

Year 2022	Year 2023	Year 2024	Year 2025
4,086	6,188	4,474	10,612
0.83	1.86	0.75	1.78

km travelled

GHG Emission TCO_2Eq

Business Travel

Hotel Stay

Year 2022	Year 2023	Year 2024	Year 2025
NA	NA	202	98
--	--	266.91	120.14

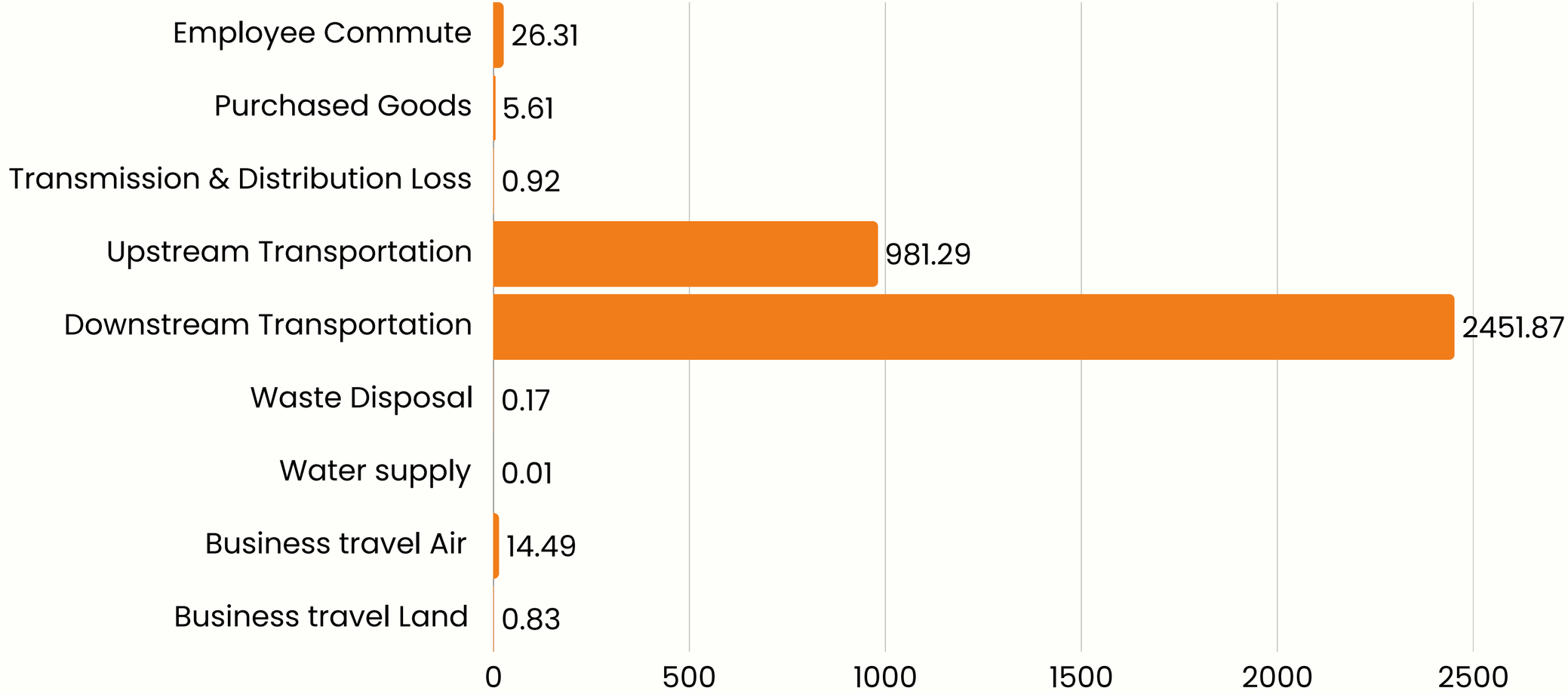
Note: A new category was introduced in the year 2024; therefore, calculations for this category have been initiated from 2024 onward.

Total number of nights stayed

GHG Emission TCO_2Eq

Group level Summary of Scope 3

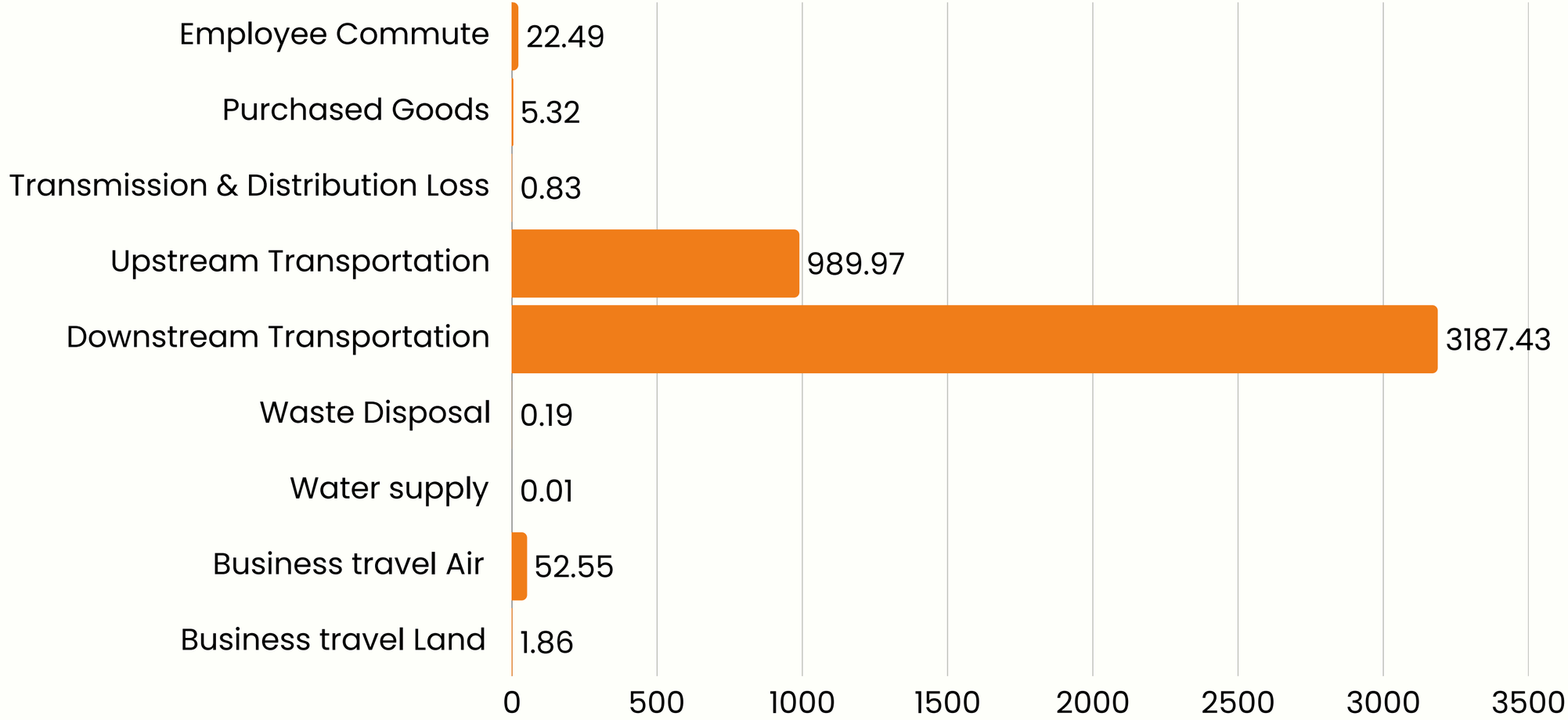
Reporting Period
Year 2022



Total GHG Emission 3,481.51 TCO_2Eq

Group level Summary of Scope 3

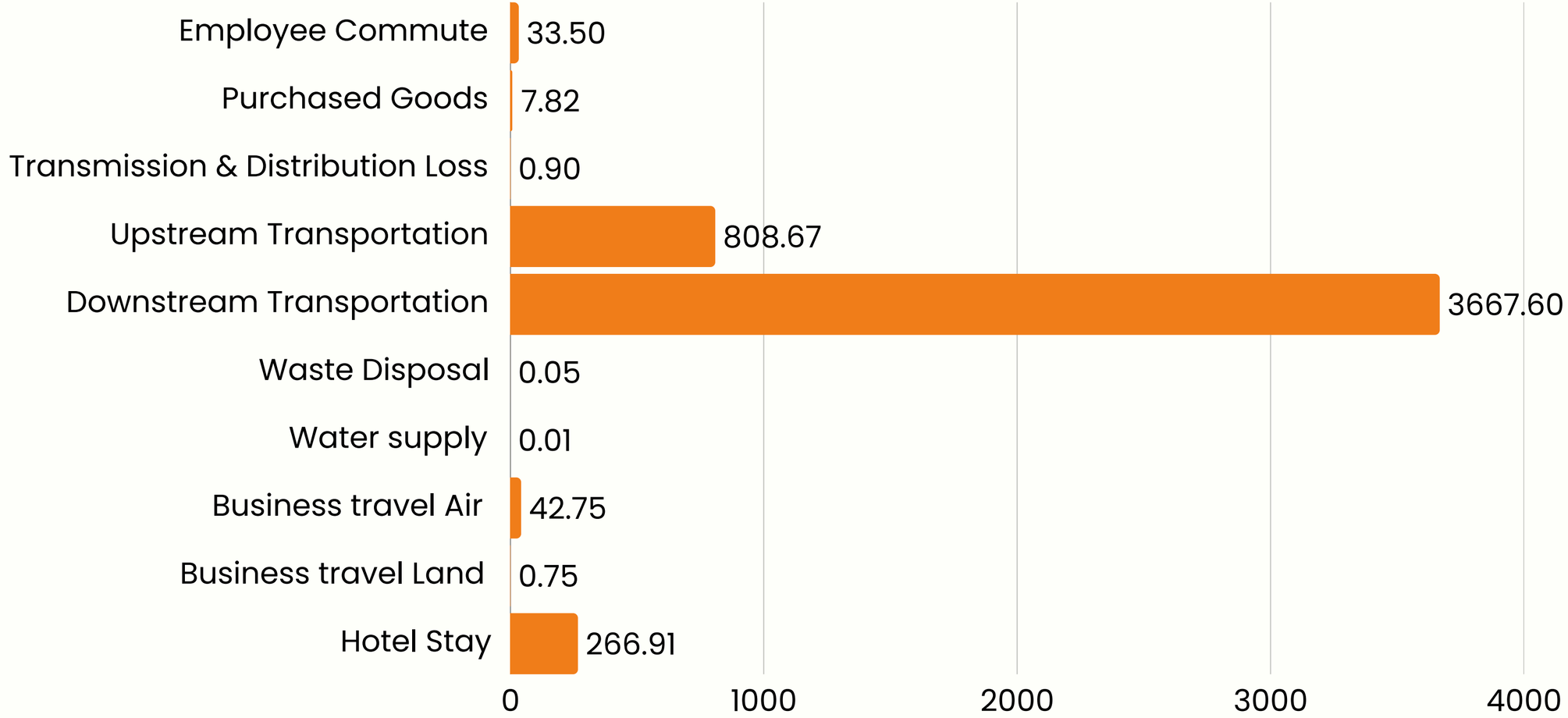
Reporting Period
Year 2023



Total GHG Emission 4,260.65 TCO_2Eq

Group level Summary of Scope 3

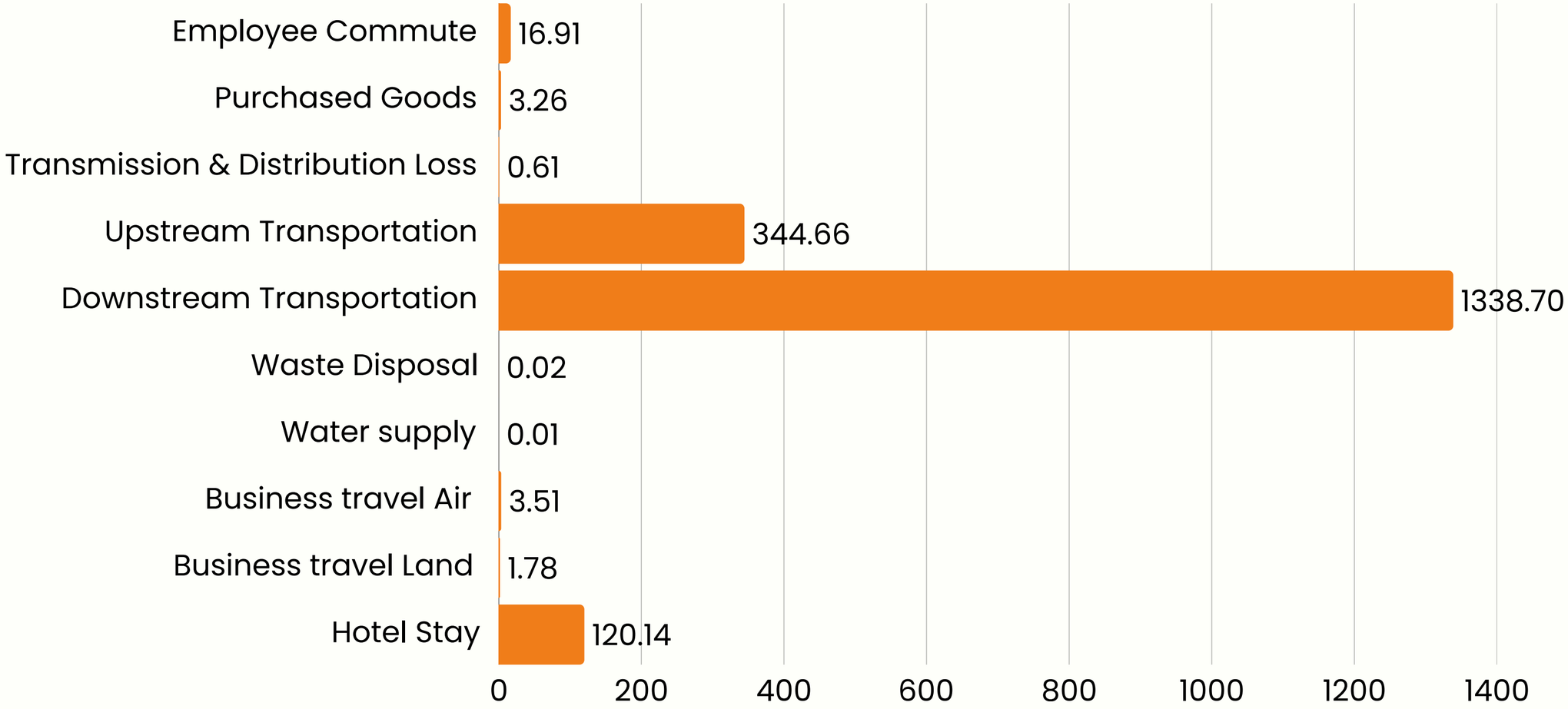
Reporting Period
Year 2024



Total GHG Emission 4,828.97 TCO_2Eq

Group level Summary of Scope 3

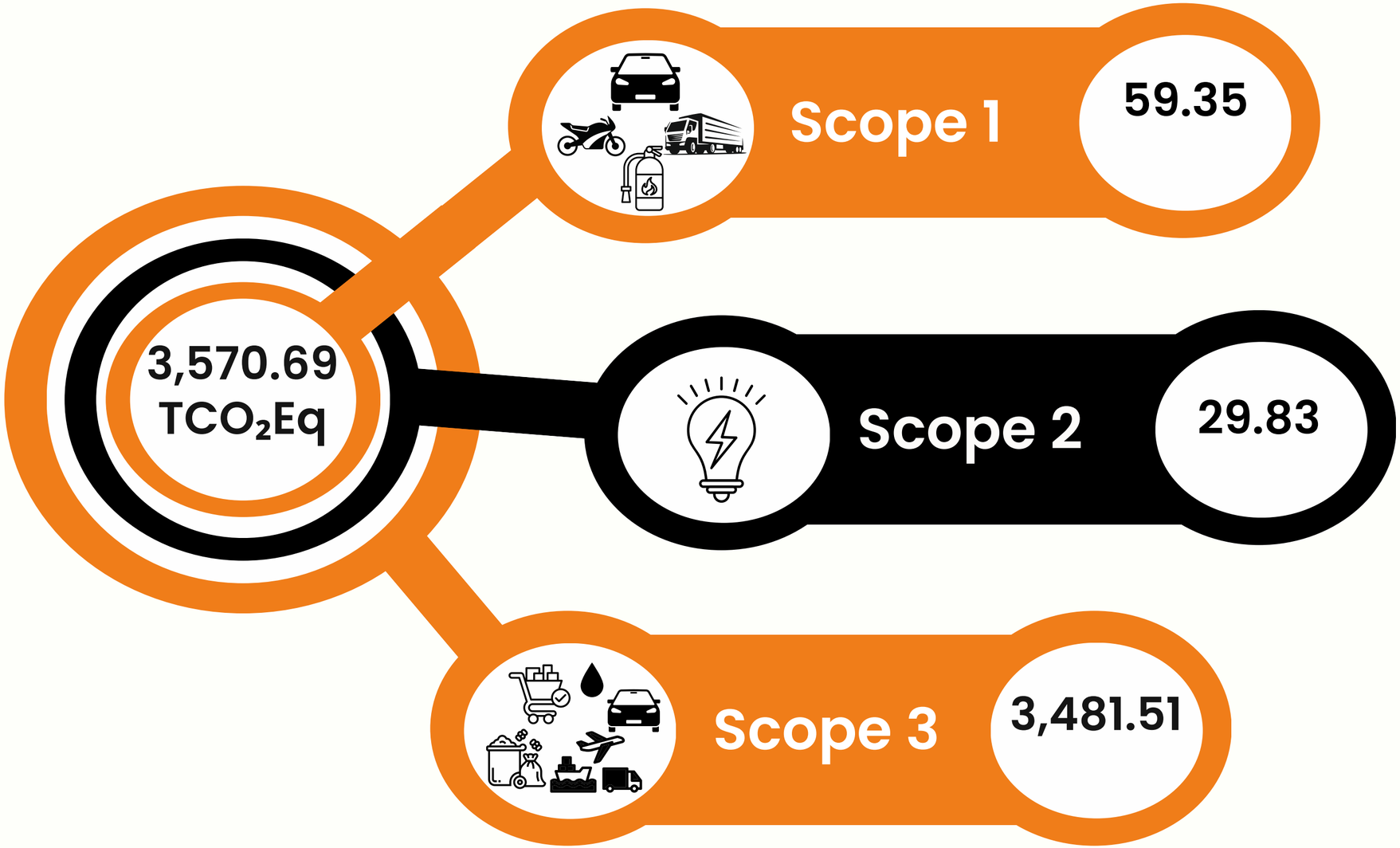
Reporting Period
Year 2025 (Jan to Jul)



Total GHG Emission 1,829.59 TCO_2Eq

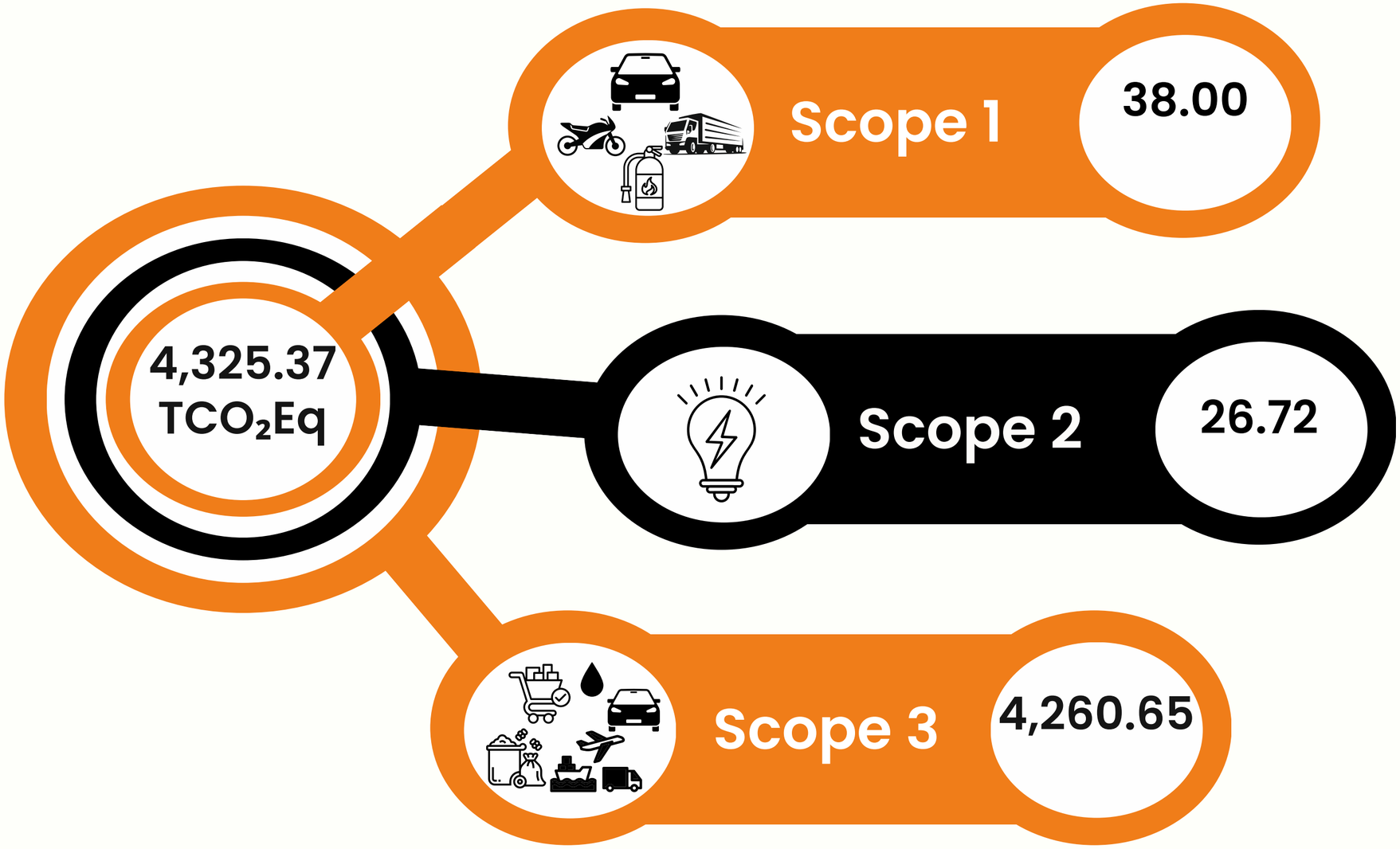
Total Group level GHG Emission in TCO_2Eq

Reporting Period
Year 2022



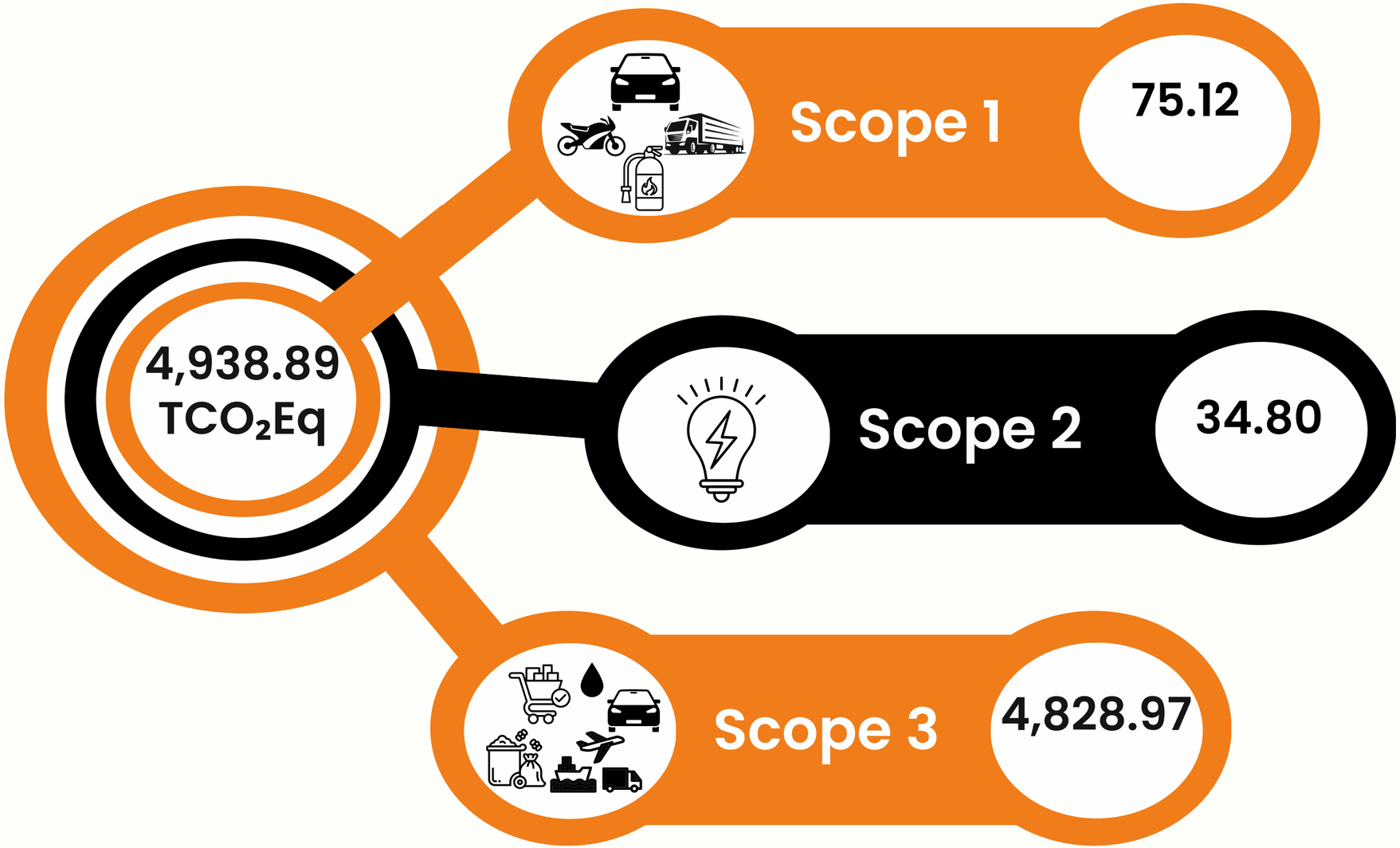
Total Group level GHG Emission in TCO_2Eq

Reporting Period
Year 2023



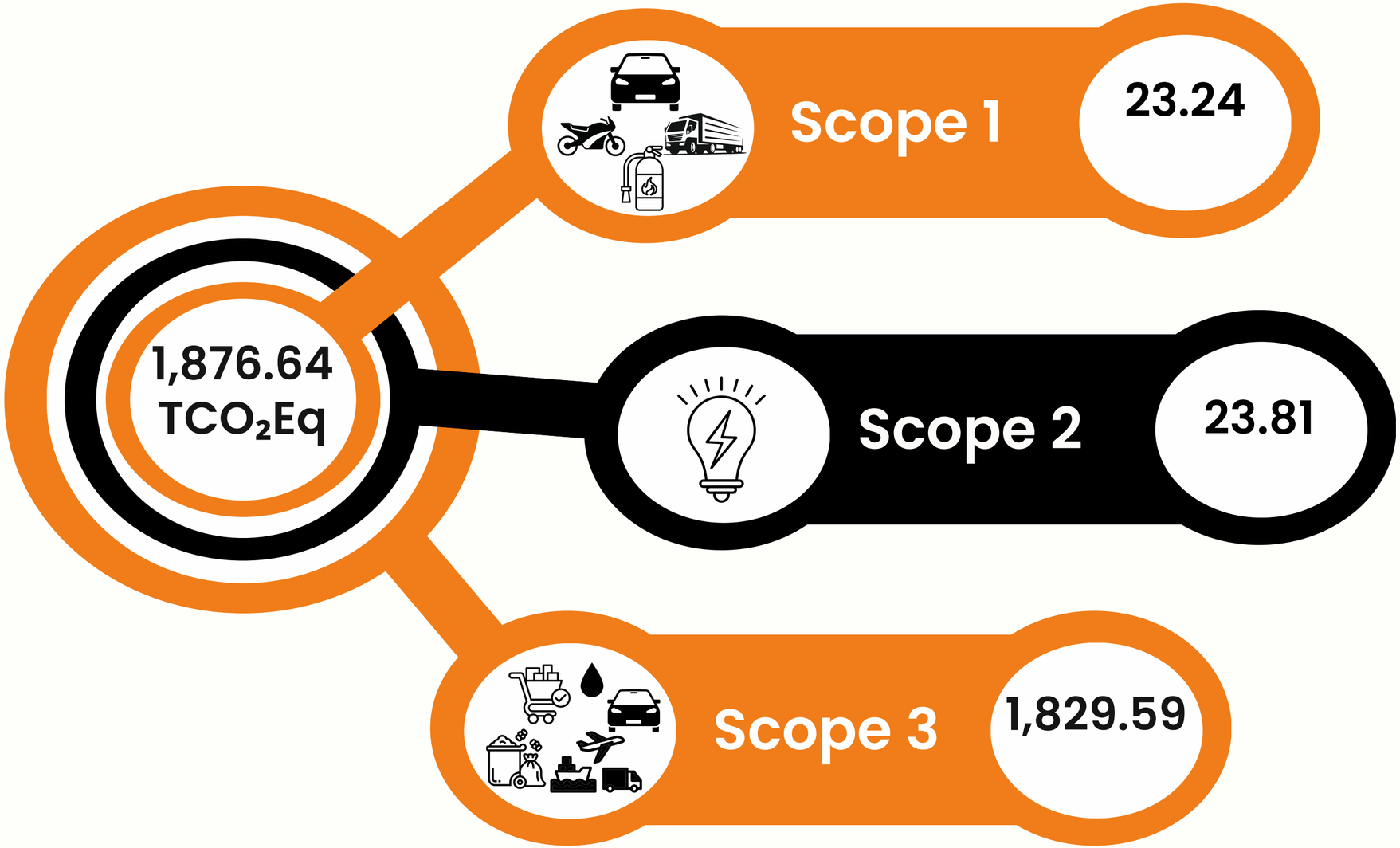
Total Group level GHG Emission in TCO_2Eq

Reporting Period
Year 2024



Total Group level GHG Emission in TCO_2Eq

Reporting Period
Year 2025 (Jan to Jul)



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