

GHG Emission Report

LPS Bossard Private Limited

Reporting Year

Year 2022

Year 2023

Year 2024

Year 2025 (Jan to Sep)



Introduction of GHG Emissions in Accordance with ISO 14064 and the GHG Protocol



GREENHOUSE
GAS PROTOCOL



PFCS CO₂ N₂O HFCS CH₄ SF₆

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

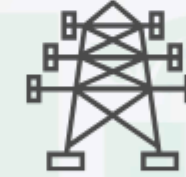
DIRECT



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

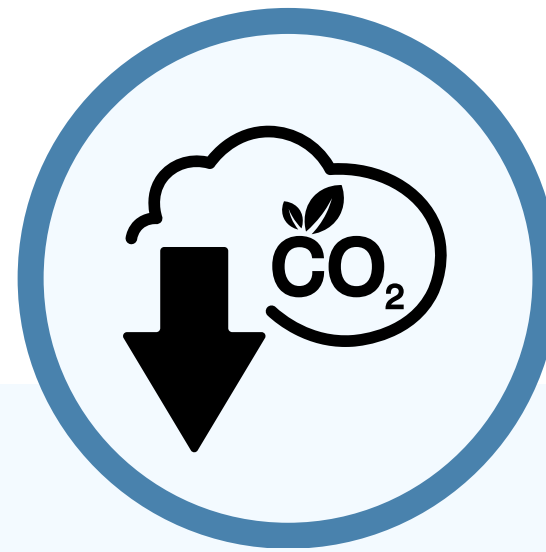


ISO 14064 and the GHG Protocol



1. Developing Accurate GHG Inventories

We diligently monitor and document GHG emissions throughout all areas of our operations. Our emissions inventory captures all key sources, ensuring a complete and precise overview of our GHG footprint.



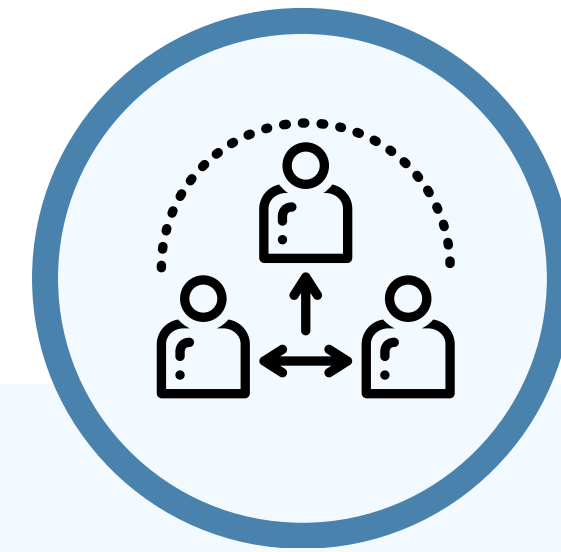
2. Implementing Emission Reduction Strategies

We work hard to reducing greenhouse gas emissions by using specific strategies that make a real difference. Our commitment to always improving helps us keep reducing emissions over time.



3. Transparent Reporting

We document our GHG emissions and reduction efforts in line with ISO 14064 and the GHG Protocol, ensuring transparent and accountable GHG reporting.



4. Third-Party Verification

We hire independent third-party experts to check our greenhouse gas (GHG) data. This helps make sure the information is correct and trustworthy, showing our commitment to being open and responsible.

Locations Covered

Sr. No.	City	Office Address
1.	Rohak -Corporate office	N.H.10 Delhi Road Kehrawar Bye Pass, Kila No 103//6/2/2,15/2,16/1/2 Khewat276, Khatauni 302,The Sampla, Rohtak 124021, Haryana
2.	New Delhi- Registered Office	A-1/134, Safdarjung Enclave, New Delhi - 110029
3.	Pune- Sales & Marketing & Warehouse	LPS Bossard Pvt. Ltd. - Pune 303, Gulmohar Center Point, 34/A/5, Wadgaonsheri, Pune - 411014, Maharashtra.
4.	Vadodara- Sales & Marketing	LPS Bossard Pvt. Ltd. - Vadodara 433/2/2 Dashrath, Opp. GSFC Township Gate, Vadodara - 391750, Gujarat.
5.	Bengaluru- Sales & Marketing	LPS Bossard Pvt. Ltd. - Bangalore 2nd floor, Novel MSR Building Subbiah Reddy colony, Marathahalli village, Bengaluru - 560037, Karnataka.
6.	Hyderabad- Sales & Marketing	LPS Bossard Pvt. Ltd. - Hyderabad Aditya Trade center, 7-1-618, No: 211, 2nd Floor, Ameerpet, Hyderabad - 500038, Telangana.
7.	Chennai- Sales & Marketing & Warehouse	Survey No. 331/6, 331/5, 331/1B, Village No. 71, Mettukuppam Road, Vanagaram, Maduravoyal Taluk, Near Porur, Tambaram Toll gate, Chennai - 600095, Tamil Nadu.
8.	Haridwar- Sales & Marketing	LPS Bossard Pvt. Ltd. - Haridwar D43, 1 st Floor, Shibalik Nagar, Haridwar - 249403, Uttarakhand.

Introduction of GHG Emission



Scope 1 DIRECT GHG EMISSION

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



Scope 2 INDIRECT GHG EMISSION

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

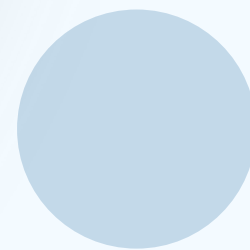


Scope 3 OTHER INDIRECT GHG EMISSION

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

Scope 1

Direct GHG Emission



Stationary Combustion

Consumption of Liquid fuel – Diesel

➤ Year 2022	➤ Year 2023	➤ Year 2024	➤ Year 2025
18,101	21,926	42,759	33,071
48.13	58.13	113.29	88.03



Consumption
in litres



GHG Emission
TCO₂Eq

Mobile Combustion

Consumption of CNG in Vans



Year 2022

16,069

3.73



Year 2023

15,139

3.51



Year 2024

13,892

3.49



Year 2025

9,944

2.48



kms travelled



GHG Emission
TCO₂Eq

Fugitive Emission

Refilling of Refrigerants – HFC 32

➤ Year 2022	➤ Year 2023	➤ Year 2024	➤ Year 2025
87.67	76.31	29.88	69.43
59.36	51.64	20.24	47.01



Consumption
in kgs



GHG Emission
TCO₂Eq

Group level Summary of Scope 1 GHG Emission TCO₂Eq



Year 2022



Year 2023



Year 2024



Year 2025

Scope 2 Indirect GHG Emission



Purchased Electricity



Year 2022

20,37,979.55

1,238.57



Year 2023

25,21,737.66

1,532.55



Year 2024

28,35,777.02

1,532.55



Year 2025

15,55,224.38

1,130.65



**Consumption
in kWh**



**GHG Emission
TCO₂Eq**

Solar Generated Electricity



Year 2022

8,85,085

537.87



Year 2023

7,79,272

473.56



Year 2024

7,55,642

549.35



Year 2025

6,12,356

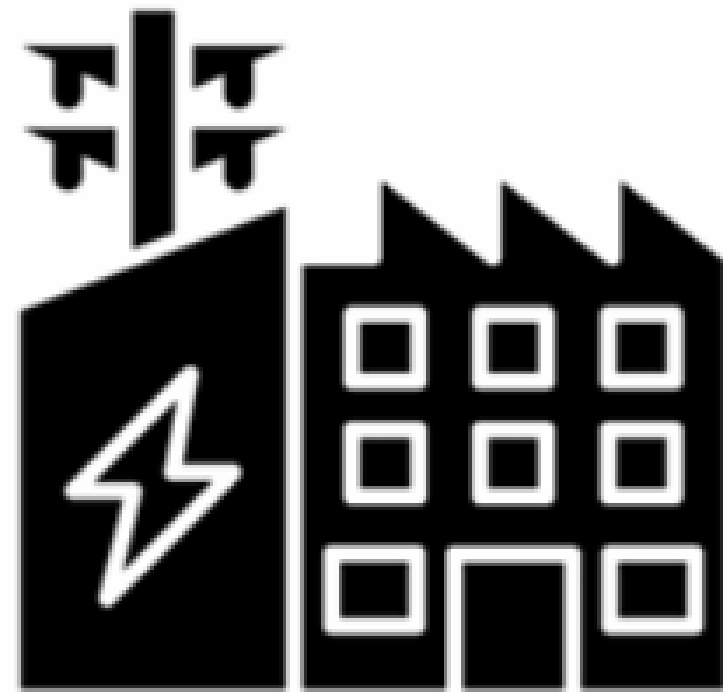
445.18



**Generation in
kWh**

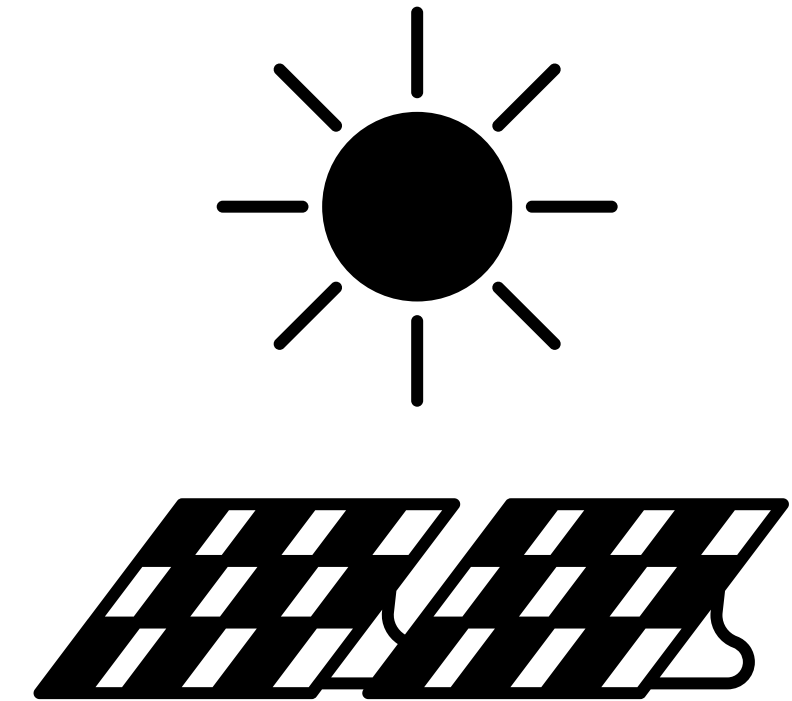


**Avoided Emission
TCO₂Eq**



Purchased Electricity

26.65%
Renewable



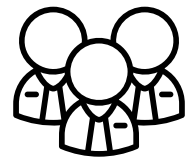
Generated Electricity Solar

The Company offsets 26.65% of its scope 2 GHG Emissions coming out of their electricity by generating 7,55,642 amount of kWh from their Solar in the Year 2024.

Scope 3 Other Indirect GHG Emission



Categories of Scope 3



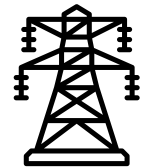
Employee Commute



Food Consumption



Purchased Goods



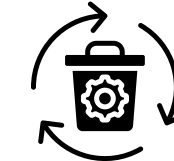
Transmission & Distribution Loss



Upstream Activities



Downstream Activities



Waste Disposal



Water Supply



Water Treatment



Business Travel



Hotel stay

Employee Commute

Using of Motorbike, Bus, Car & Taxis

GHG Emission TCO₂Eq for Year 2024

▶▶▶ Year 2022

16,60,076
330.59

▶▶▶ Year 2023

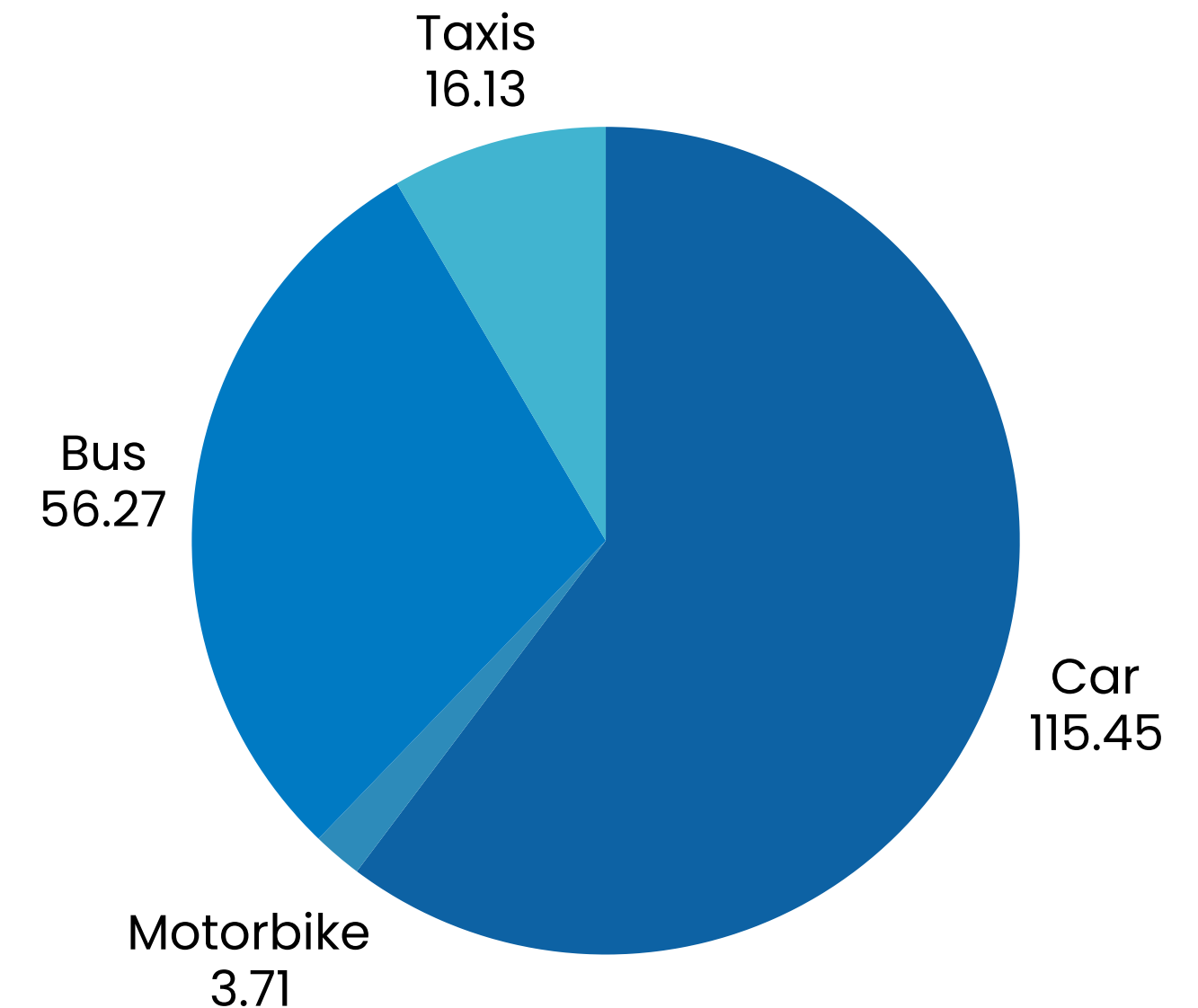
14,00,525
265.10

▶▶▶ Year 2024

9,03,750
191.56

▶▶▶ Year 2025

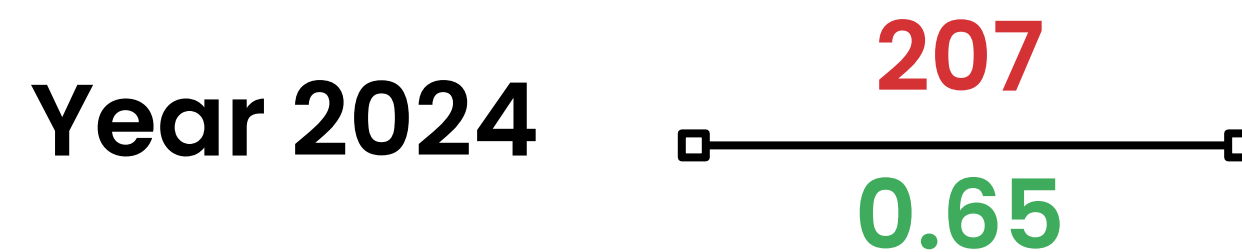
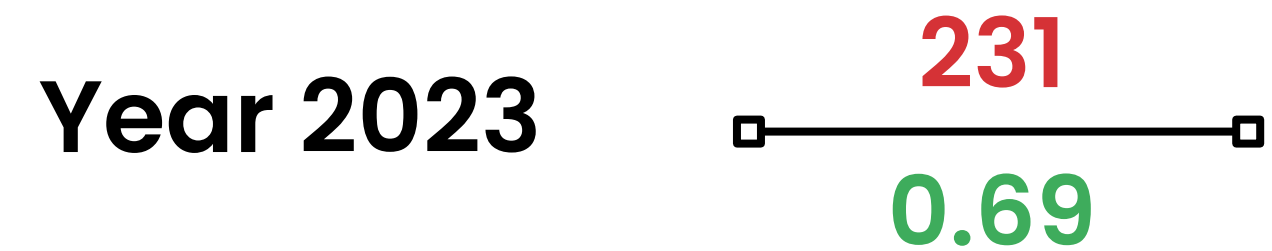
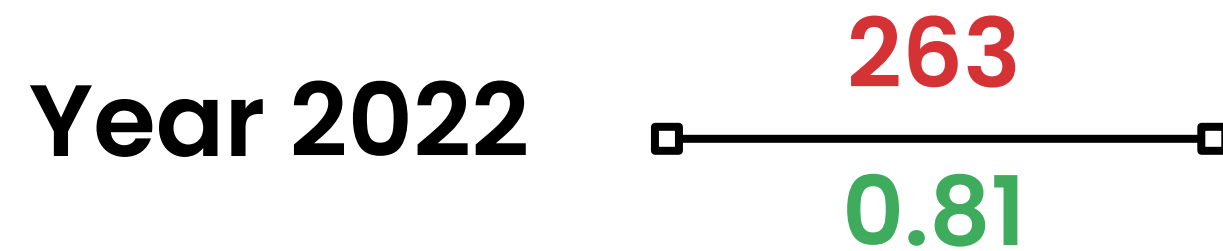
8,68,669
170.73



 kms travelled

 GHG Emission
TCO₂Eq

Food Consumption



**Consumption
in meal**



**GHG Emission
TCO₂Eq**

Purchased Goods

Purchasing of Electrical items, Paper & Plastic

Year 2022

Consumption in tonnes	14.35
GHG Emission TCO ₂ Eq	280.67

Year 2023

Consumption in tonnes	4.72
GHG Emission TCO ₂ Eq	55.51

Year 2024

Consumption in tonnes	10.34
GHG Emission TCO ₂ Eq	204.01

Year 2025

Consumption in tonnes	7.88
GHG Emission TCO ₂ Eq	176.50



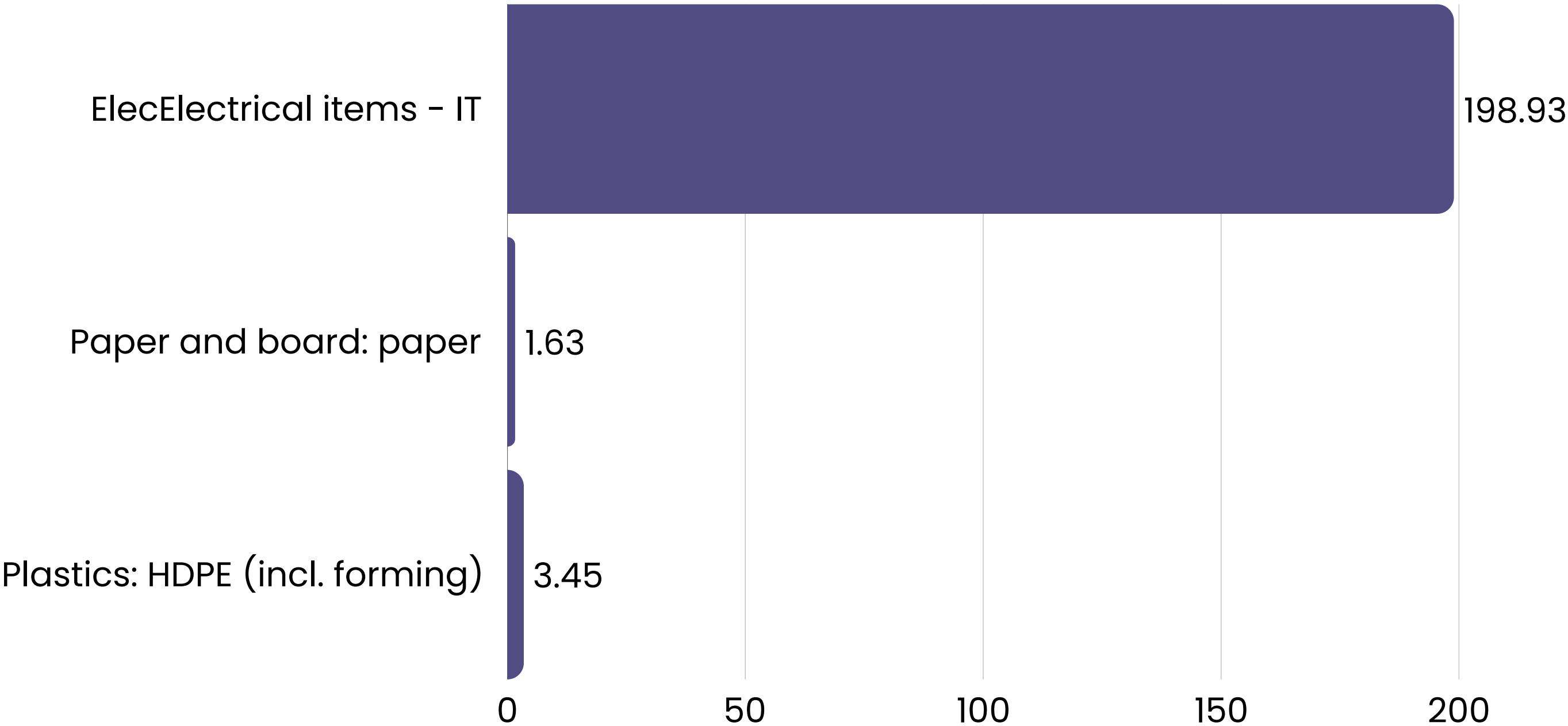
Consumption
in tonnes



GHG Emission
TCO₂Eq

Purchased Goods

GHG Emission TCO₂Eq for Year 2024



Transmission & Distribution Loss



Year 2022

20,37,979.55

38.32



Year 2023

25,21,737.66

47.40



Year 2024

28,35,777.02

53.32



Year 2025

15,55,224.38

29.23



**Consumption
in kWh**



**GHG Emission
TCO₂Eq**

Upstream Activities

Transportation of Raw Materials by HGVs

➡ Year 2022	➡ Year 2023	➡ Year 2024	➡ Year 2025
1,50,128	1,72,760	1,96,575	1,62,063
117.55	135.30	162.47	133.97



kms travelled



GHG Emission
TCO₂Eq

Downstream Activities
Transportation of Finishing goods by HGVs

➡ Year 2022	➡ Year 2023	➡ Year 2024	➡ Year 2025
14,14,521	16,33,167	18,55,313	15,35,310
1,107.65	1,278.84	1,533.55	1,269.06



kms travelled

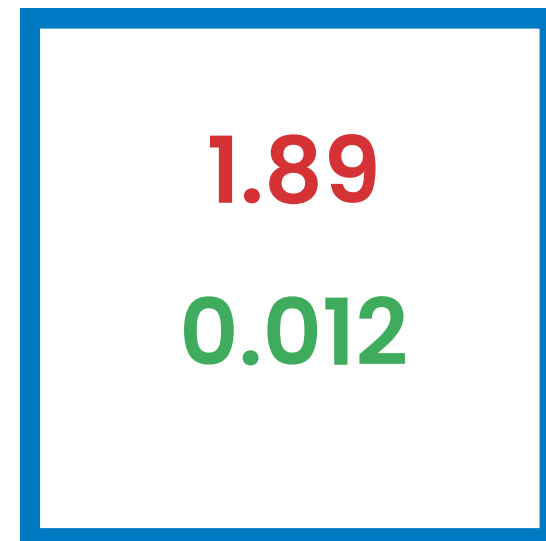


GHG Emission
TCO₂Eq

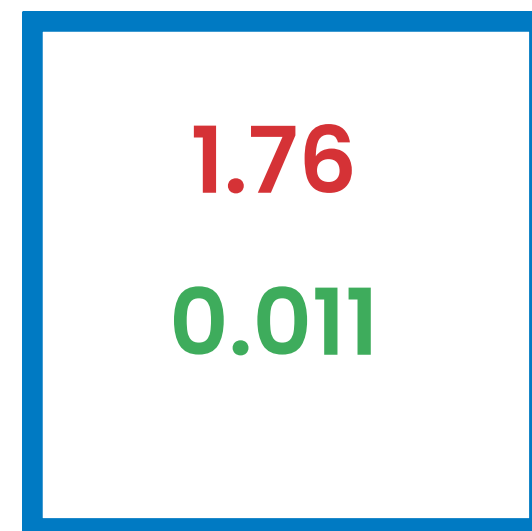
Waste Disposal

Generation of Hazardous & Non-Hazardous waste

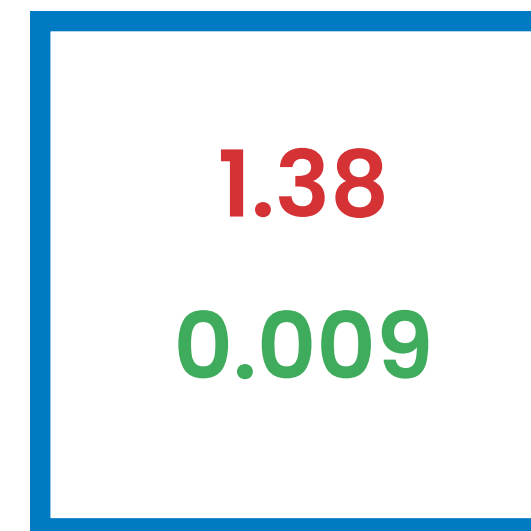
Year 2022



Year 2023



Year 2024



Year 2025



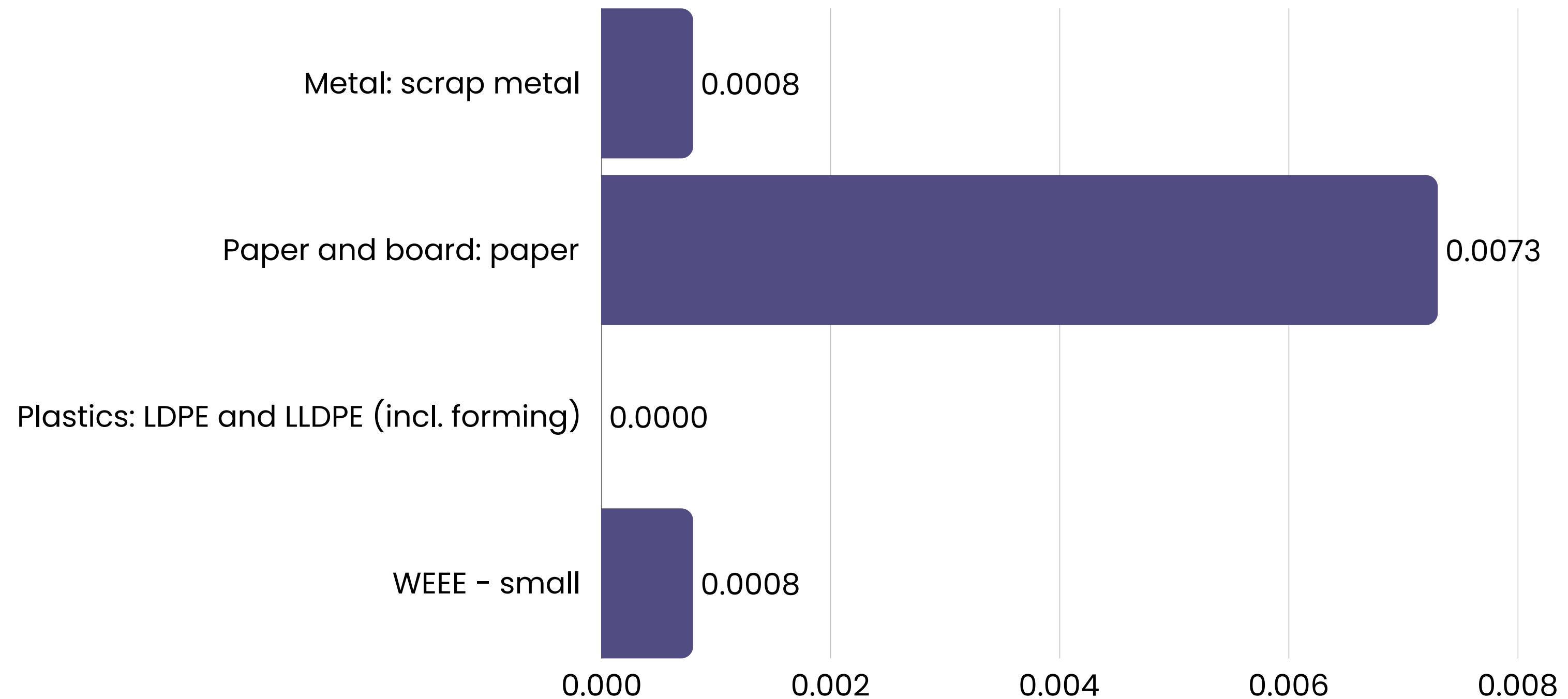
**Generation in
tonnes**



**GHG Emission
TCO₂Eq**

Waste Disposal

GHG Emission TCO₂Eq for 2024



Water Supply

Consumption of water

 Year 2022	 Year 2023	 Year 2024	 Year 2025
121.80	126.95	135.23	111.94
0.018	0.022	0.020	0.016



Total
Cubic meter



GHG Emission
TCO₂Eq

Water Treatment

Treatment of waste water in STP Plant



**Total
Million litres**



**GHG Emission
TCO₂Eq**

Business Travel

Air travel by Flights

Year 2022	Year 2023	Year 2024	Year 2025
3,59,600	3,60,000	3,22,397	2,60,107
98.02	98.12	87.87	70.90



kms travelled



GHG Emission
TCO₂Eq

Business Travel

Land travel by CNG & LPG Car

Year 2022

6,91,180

112.41

Year 2024

5,61,290

101.09

Year 2023

5,74,815

100.63

Year 2025

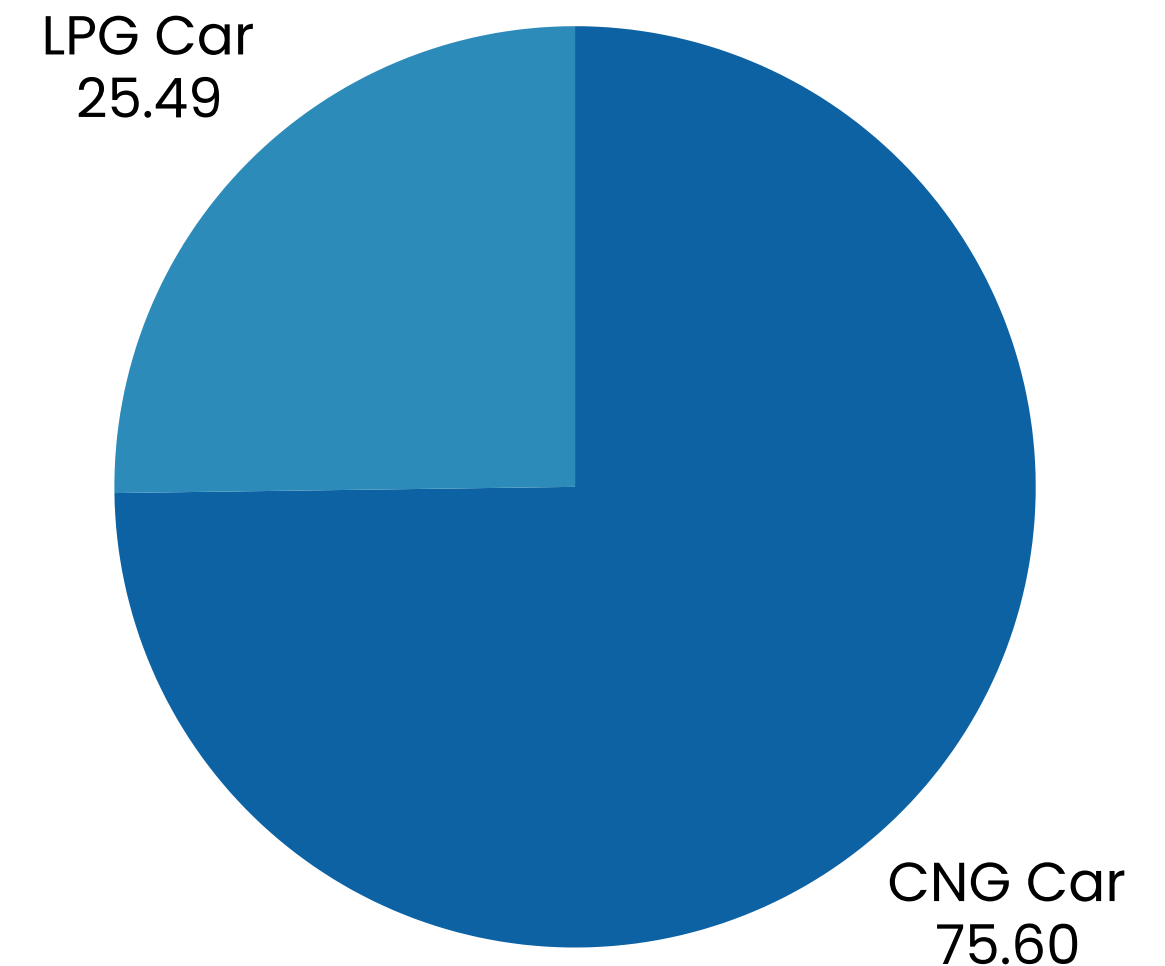
3,50,510

62.22

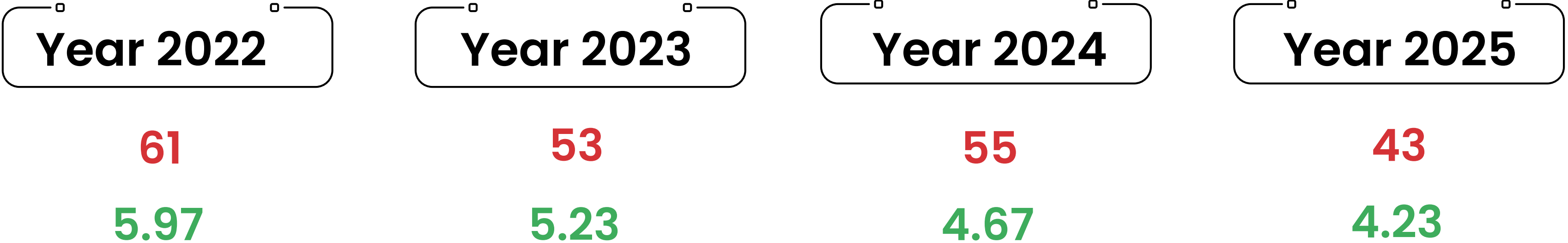
kms travelled

**GHG Emission
TCO₂Eq**

GHG Emission TCO₂Eq for Year 2024



Hotel Stay



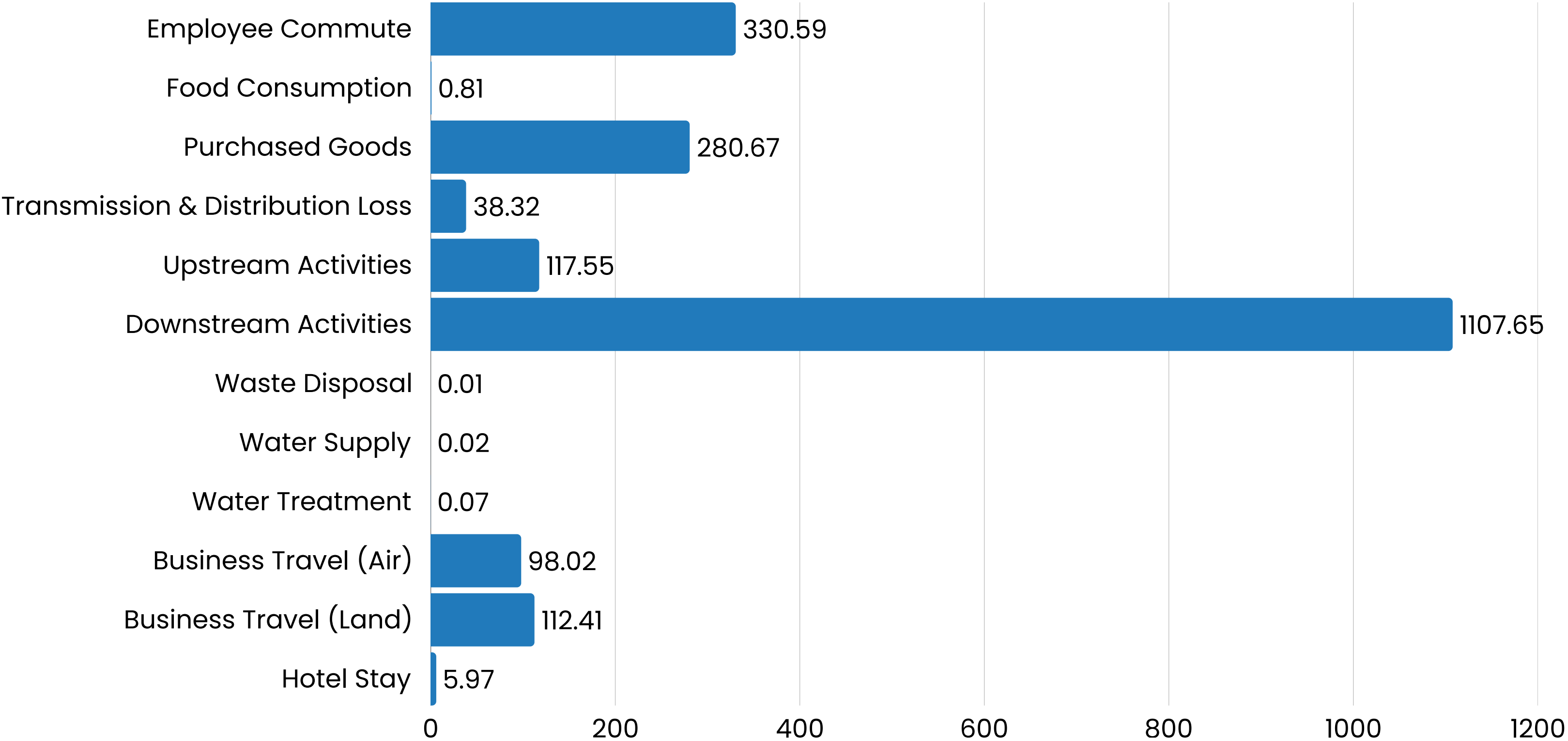
Total number of
nights stayed



GHG Emission
TCO₂Eq

Group Level Summary of Scope 3

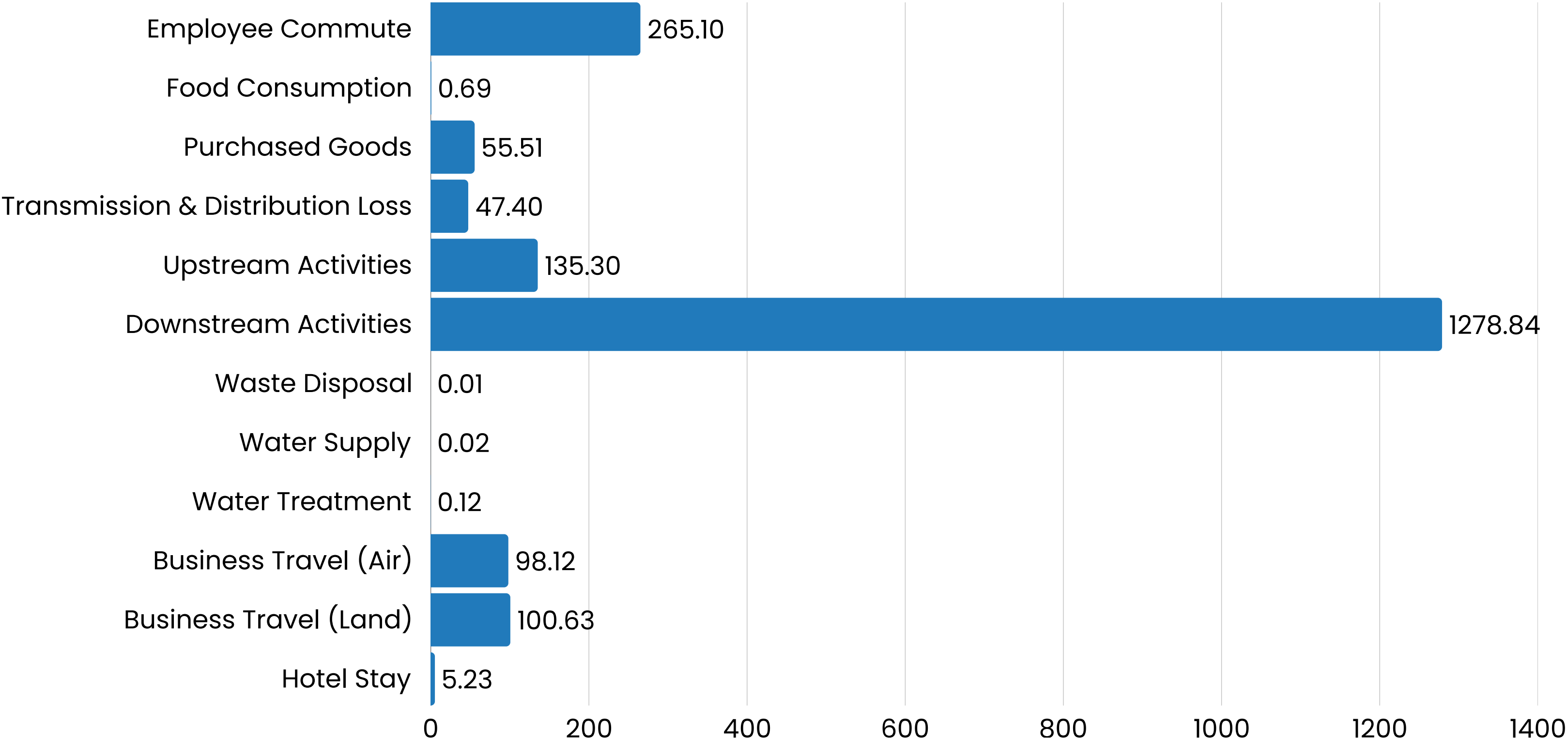
Reporting Period
Year 2022



Total GHG Emission 2,092.09 TCO₂Eq

Group Level Summary of Scope 3

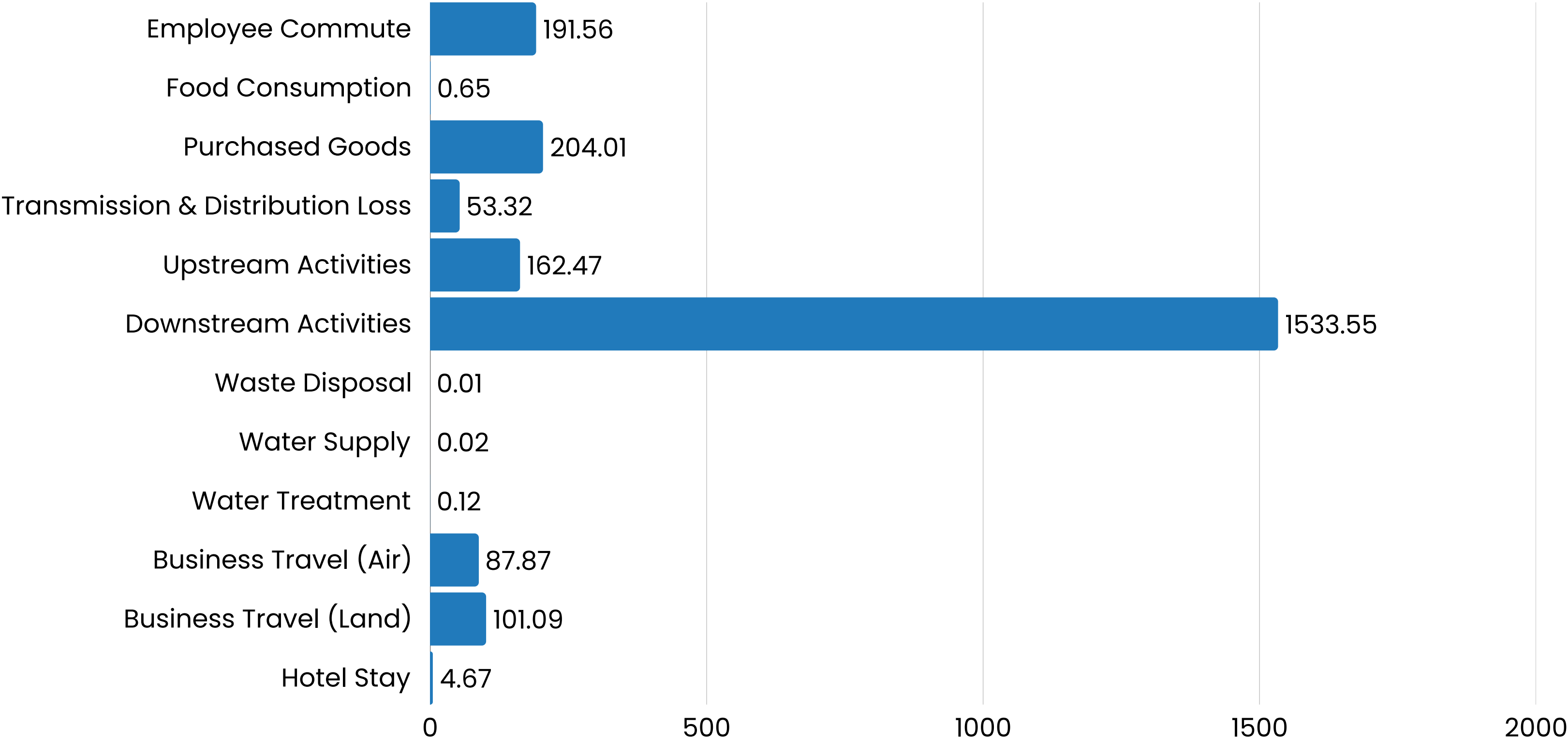
Reporting Period
Year 2023



Total GHG Emission 1,986.97 TCO₂Eq

Group Level Summary of Scope 3

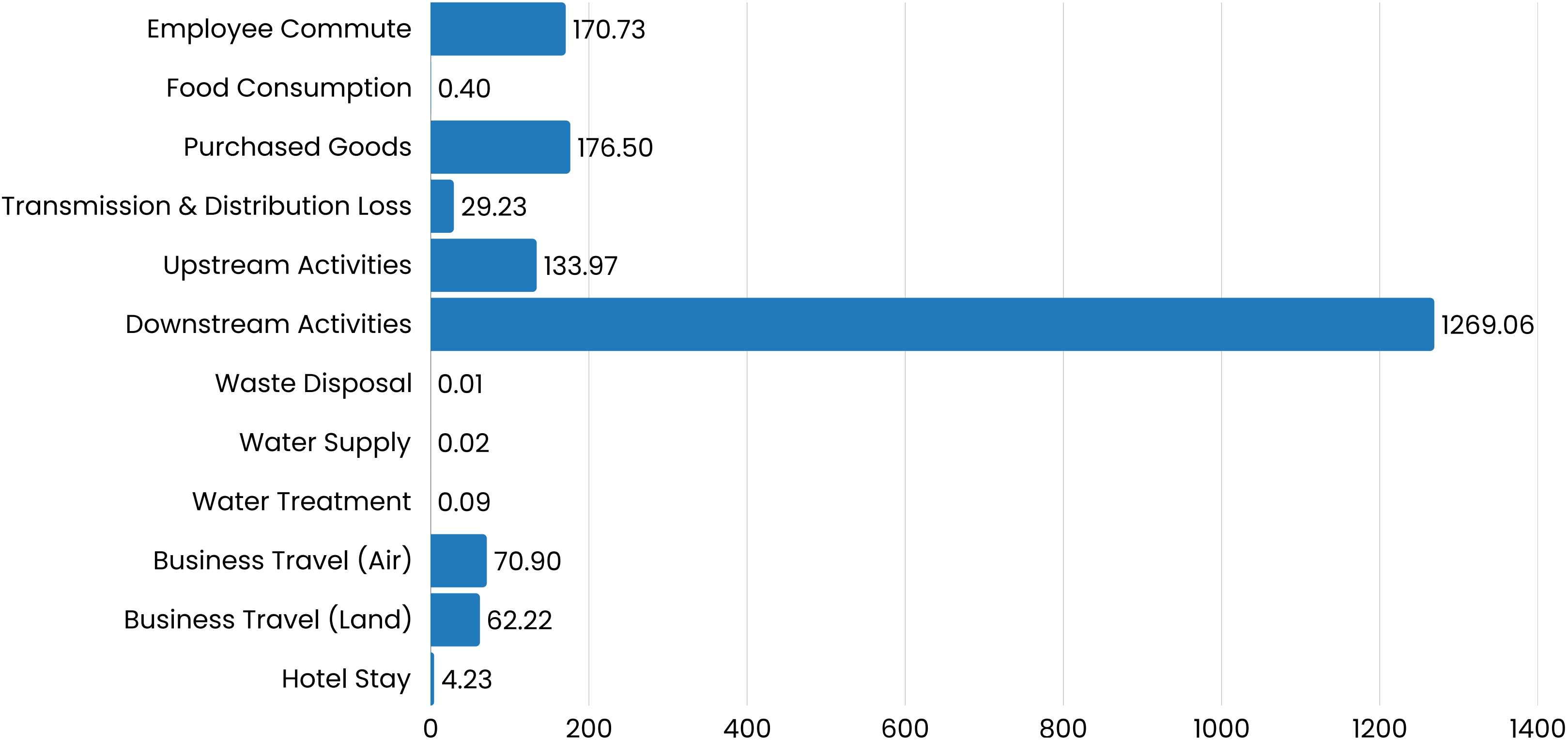
Reporting Period
Year 2024



Total GHG Emission 2,339.34 TCO₂Eq

Group Level Summary of Scope 3

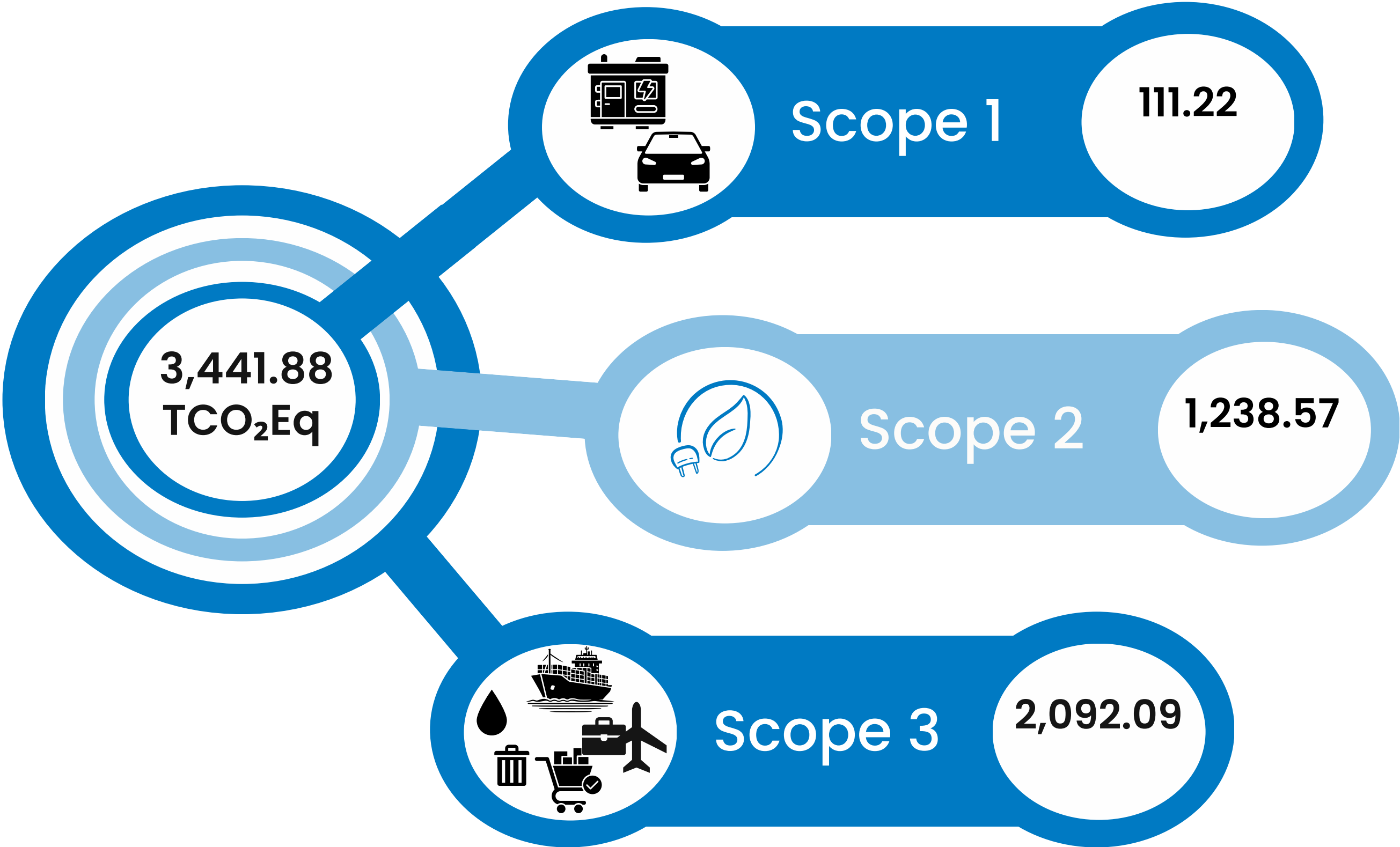
Reporting Period
Year 2025 (Jan to Sep)



Total GHG Emission 1,917.35 TCO₂Eq

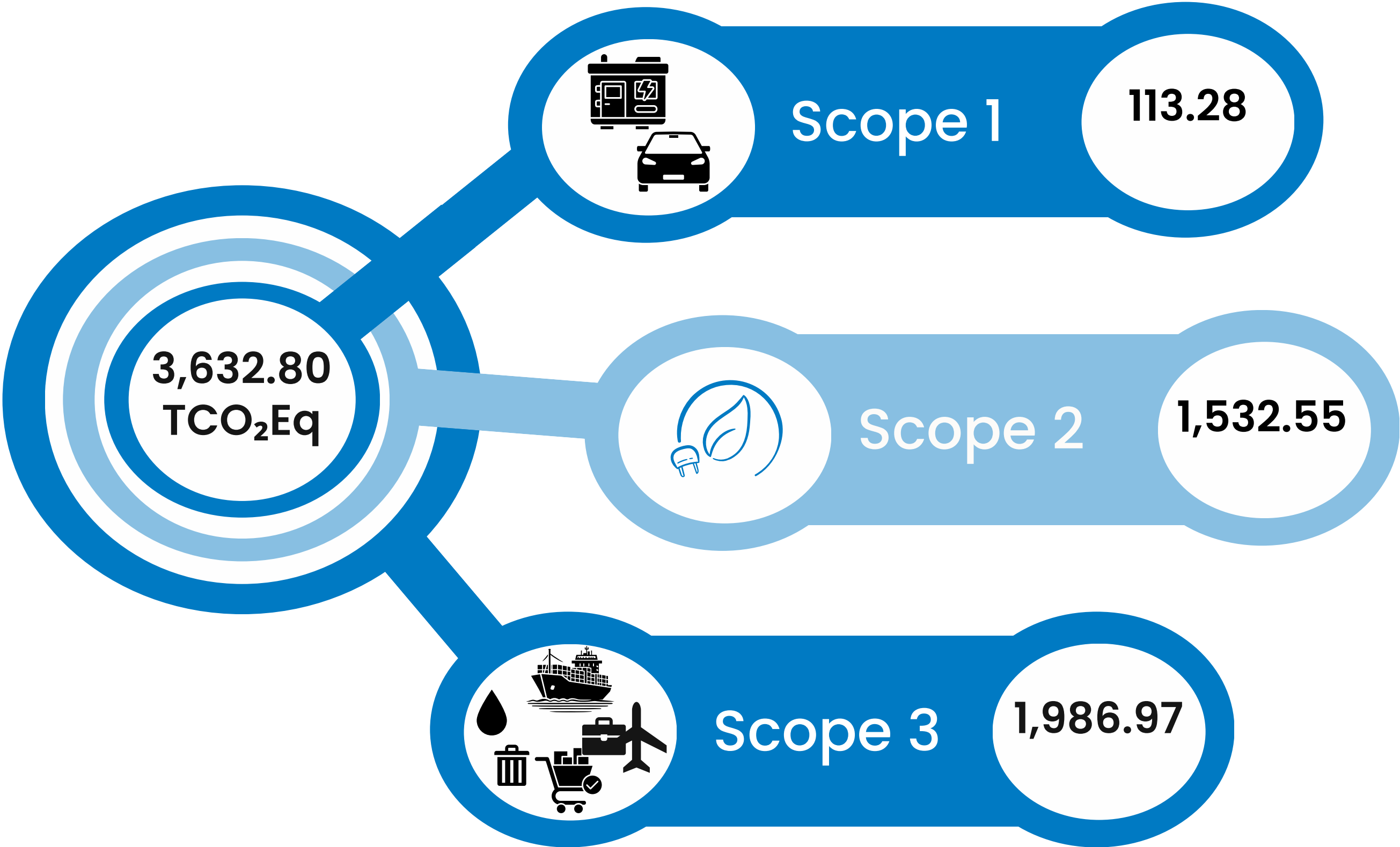
Total Group level GHG Emission in TCO₂Eq

Reporting Period
Year 2022



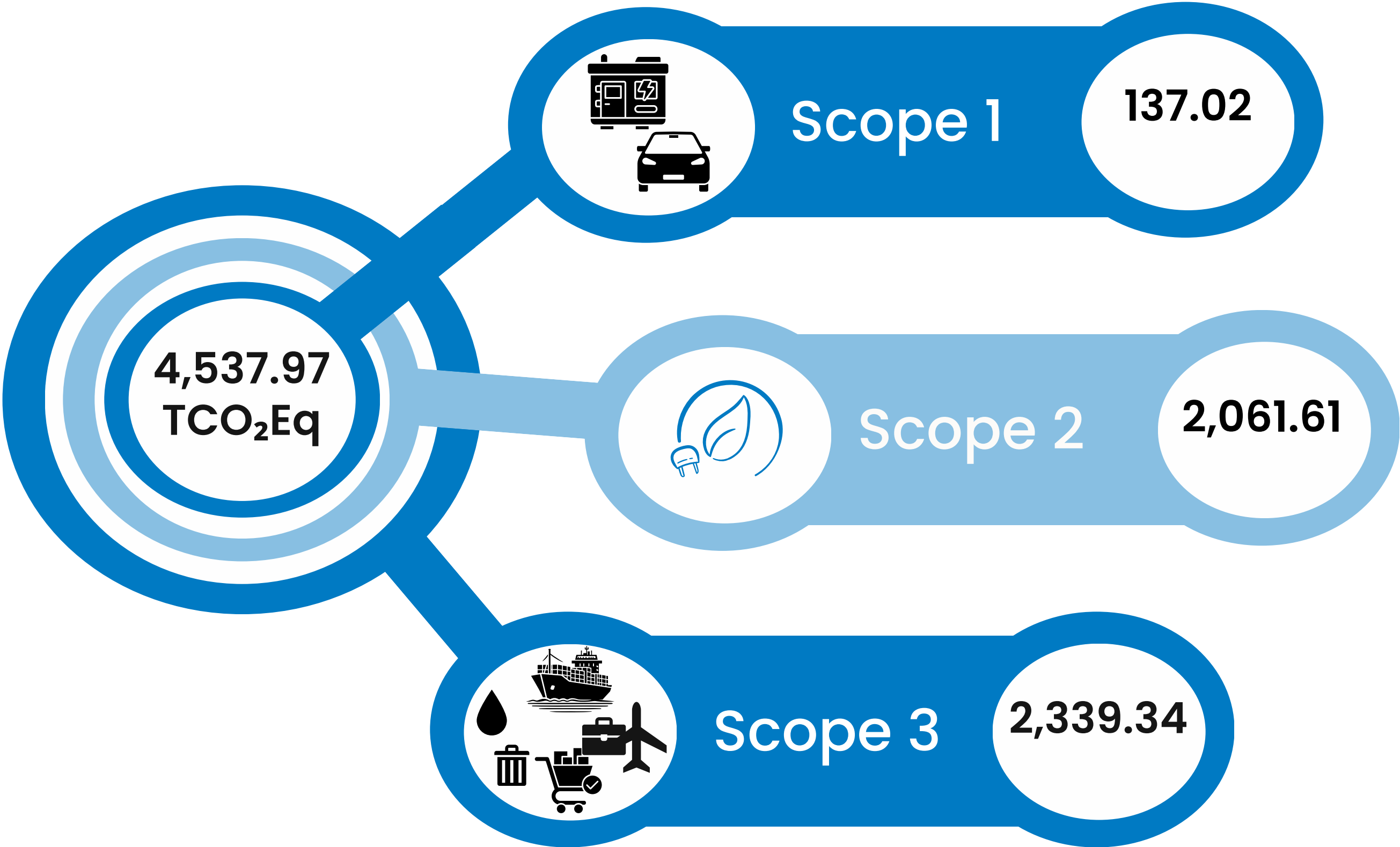
Total Group level GHG Emission in TCO₂Eq

Reporting Period
Year 2023



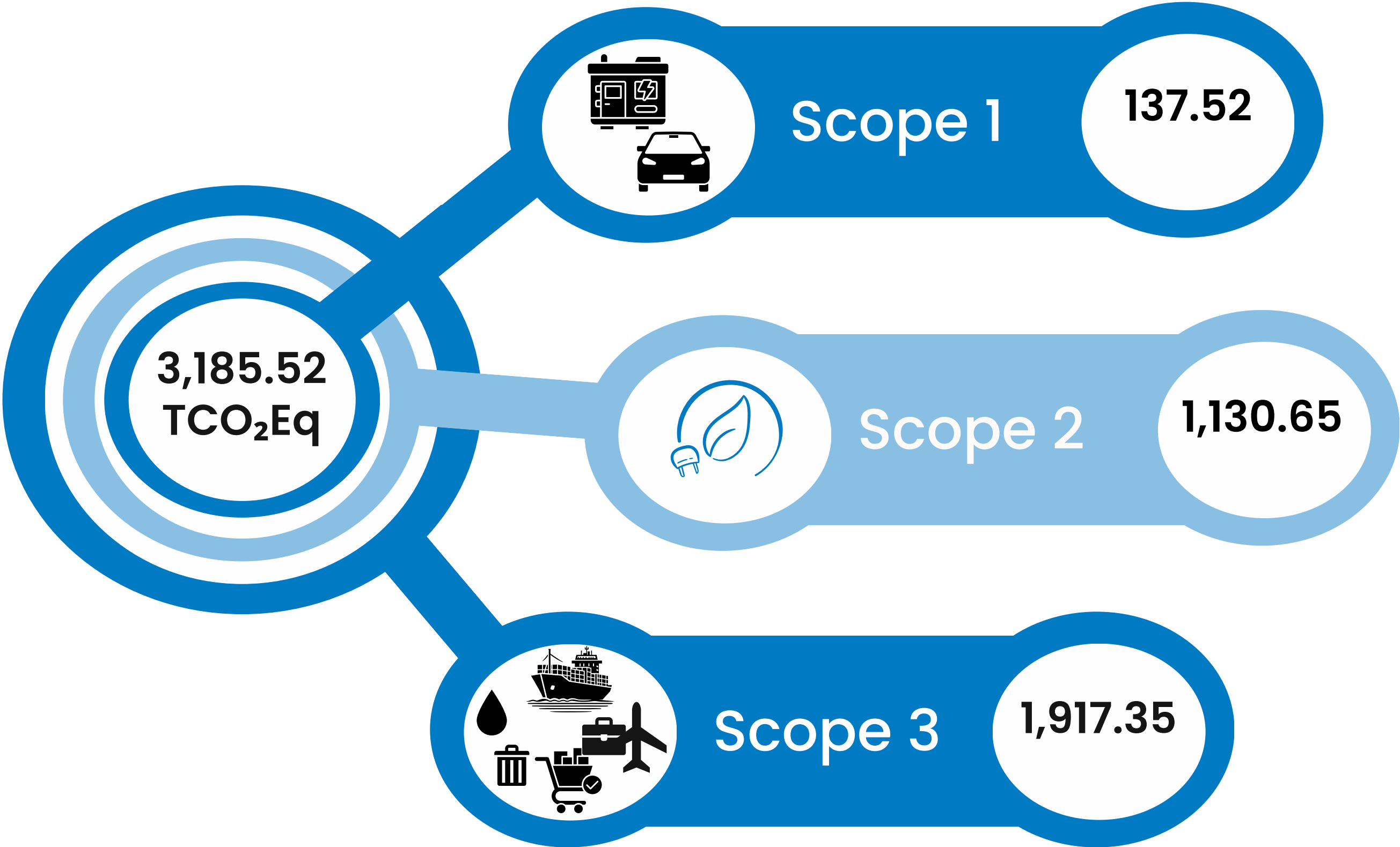
Total Group level GHG Emission in TCO₂Eq

Reporting Period
Year 2024



Total Group level GHG Emission in TCO₂Eq

Reporting Period
Year 2025 (Jan to Sep)



◆➤ GHG Emission Intensity
Scope 1 + Scope 2 (TCO₂Eq/Revenue(Cr.))

4.31	4.64	4.86	3.36
Year 2022	Year 2023	Year 2024	Year 2025



Growlity, Inc. USA

+ 1 (718) 690 9291

www.growlity.com

contact@growlity.com

575 FIFTH AVENUE, NEW YORK,
NY 10017, USA

Growlity Private Limited, India

+ 91 960 131 0999

www.growlity.com

contact@growlity.com

316, RAJHANS MONTESSA, AIRPORT ROAD,
SURAT – 395007. INDIA

This publication is prepared by Growlity, an incorporation registered at USA having branch office in India to provide various coaching and consulting services worldwide. The content of this publication is designed to provide accurate information regarding the subject matter covered for consulting services of Growlity. All rights reserved exclusively with Growlity. No part of this publication may be reproduced, stored in or introduced into retrieval system, or transmitted, in any form, or by any means (electronic, mechanical, photocopying, recording or otherwise) without prior written permission of Growlity. Any person who does any unauthorized act in relation to this Approach may be liable to criminal prosecution and civil claims for damages.