



Gloster Limited

(Formerly Kettlewell Bullen & Company Limited)

Growlity[®]
Growth with Sustainability

GHG Emission Report

Gloster Limited

Unit:- Ananya Jute Mills



Reporting Period

FY 2022-23 (Apr 2022 to Mar 2023)

FY 2023-24 (Apr 2023 to Mar 2024)

FY 2024-25 (Apr 2024 to Mar 2025)

FY 2025-26 (Apr 2025 to Sep 2025)





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



ISO 14064 and the GHG Protocol

Developing Accurate GHG Inventories

01



We systematically monitor and document greenhouse gas emissions across all operational activities. Our emissions inventory includes all relevant sources, ensuring precise and complete reporting.

Implementing Emission Reduction Strategies

02



We actively seek opportunities to reduce greenhouse gas emissions and implement targeted strategies to achieve meaningful reductions. Through ongoing evaluation and improvement of our processes, we strive to minimize our GHG footprint efficiently and effectively.

Transparent Reporting

03



We prepare detailed reports that highlight our greenhouse gas emissions and mitigation efforts. Our reporting practices fully comply with ISO 14064 and GHG Protocol standards, ensuring precision and regulatory alignment.

GHG Data Verified by Third-Party Auditors

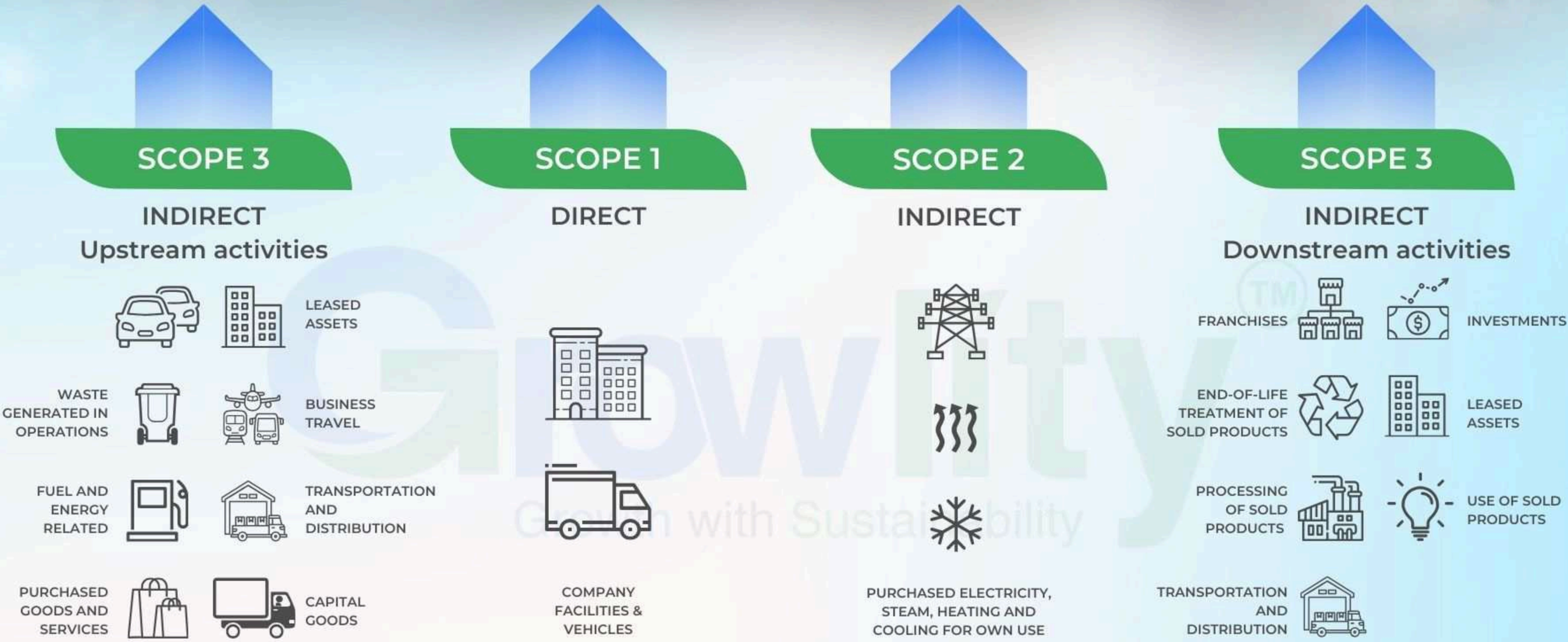
04



To ensure accuracy and reliability, we engage independent auditors to verify and evaluate our greenhouse gas data. This third-party validation reinforces our commitment to transparency and accountability.

GHG

PFCS CO₂ N₂O HFCS CH₄ SF₆



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

Location Covered

Gloster Limited

Unit:- Ananya Jute Mills

**P.O: Fort Gloster, Bauria,
Howrah – 711310, West Bengal
(India)**

About of GHG Emission

DIRECT GHG EMISSION

Emissions from organization-owned sources and on-site combustion are crucial for evaluating and reducing the entity's GHG footprint for the period.

01

INDIRECT GHG EMISSION

Indirect emissions from purchased energy are essential for evaluating and reducing an organization's environmental impact for the given period.

02

OTHER INDIRECT GHG EMISSION

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

03



Scope 1 Direct GHG Emission



Stationary Combustion

Consumption of Liquid fuel – Diesel

FY 2022–23	FY 2023–24	FY 2024–25	FY 2025–26
8,378	6,886	6,510	3,666
22.28	18.31	17.34	9.76



Consumption
in litres



GHG Emission
TCO₂Eq

Stationary Combustion

Consumption of Liquid fuel – Petrol



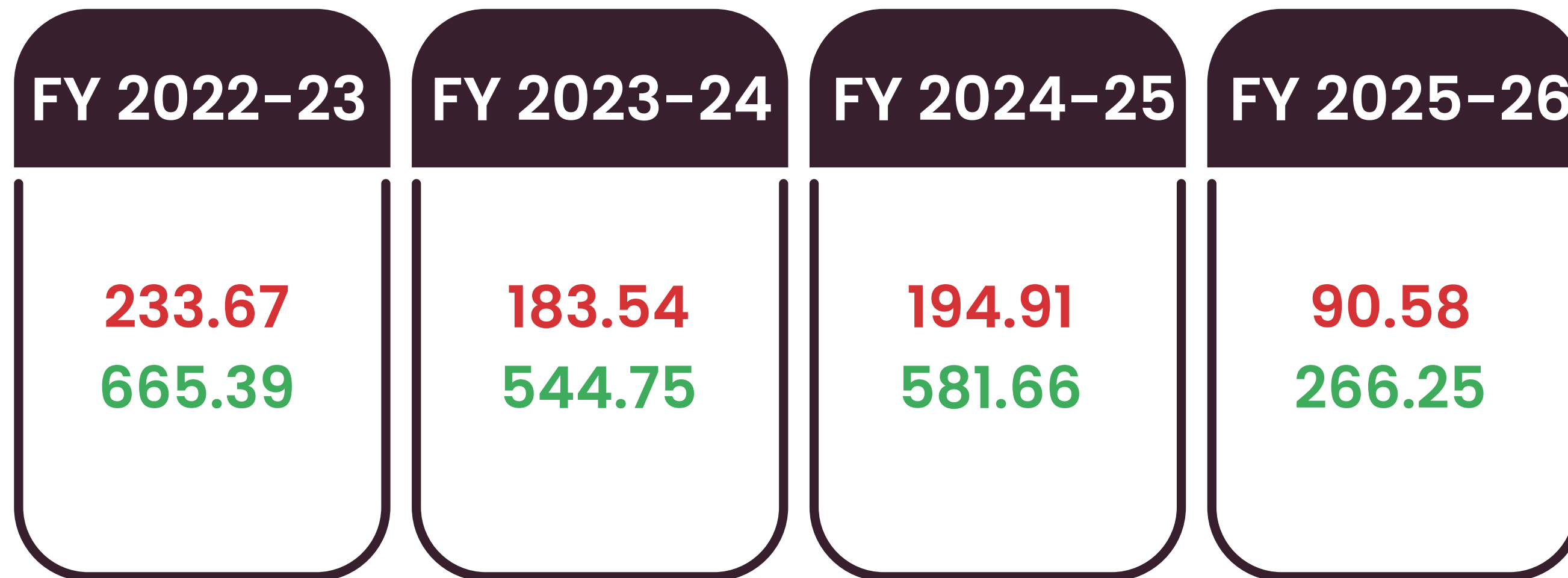
Consumption
in litres



GHG Emission
TCO₂Eq

Stationary Combustion

Consumption of Gaseous fuels – LPG



**Consumption
in tonnes**

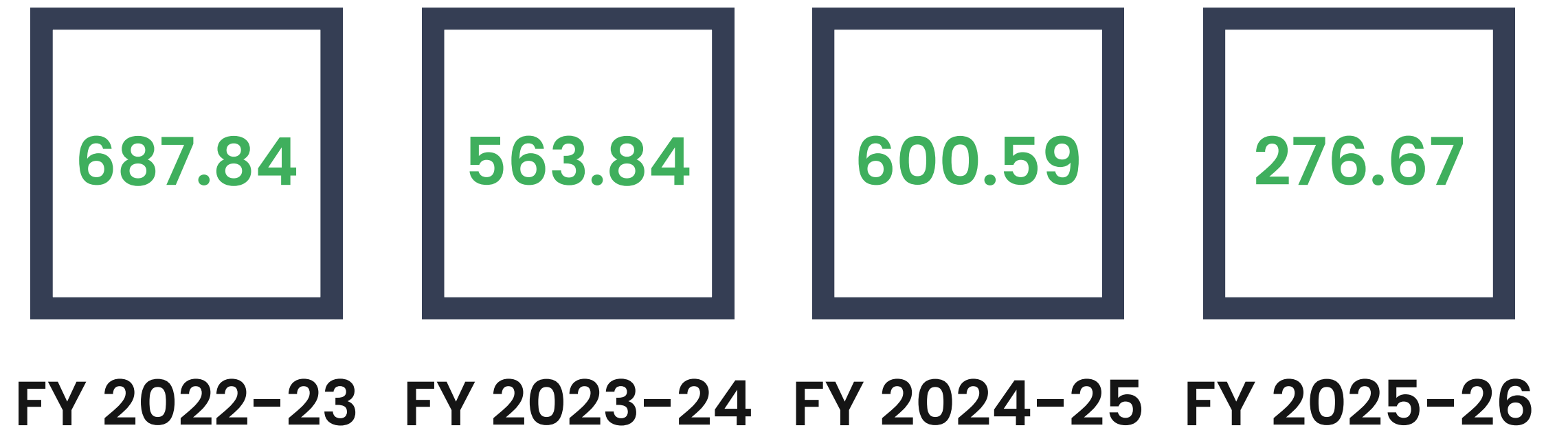


**GHG Emission
TCO₂Eq**



Summary of Scope 1

GHG Emission TCO₂Eq



Scope 2 Indirect GHG Emission



Purchased Electricity

➤ **FY 2022-23**

17,94,530

1,274.12

➤ **FY 2023-24**

20,33,830

1,456.22

➤ **FY 2024-25**

12,16,870

844.66

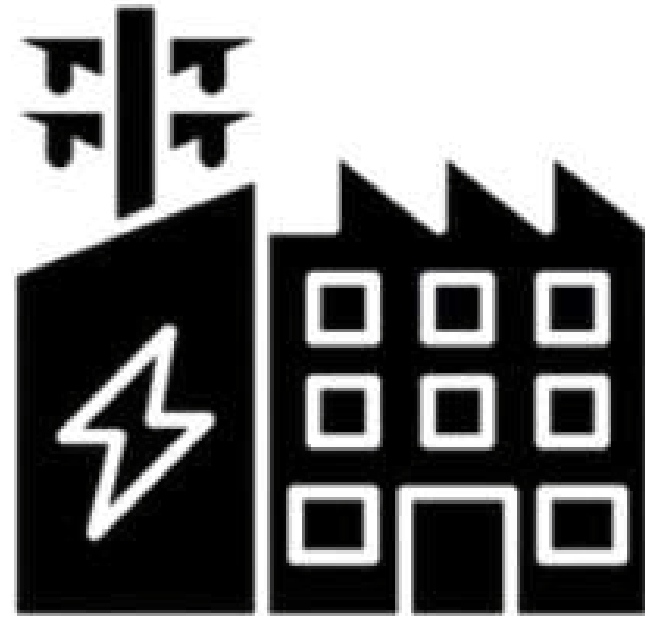
➤ **FY 2025-26**

5,71,380

415.39

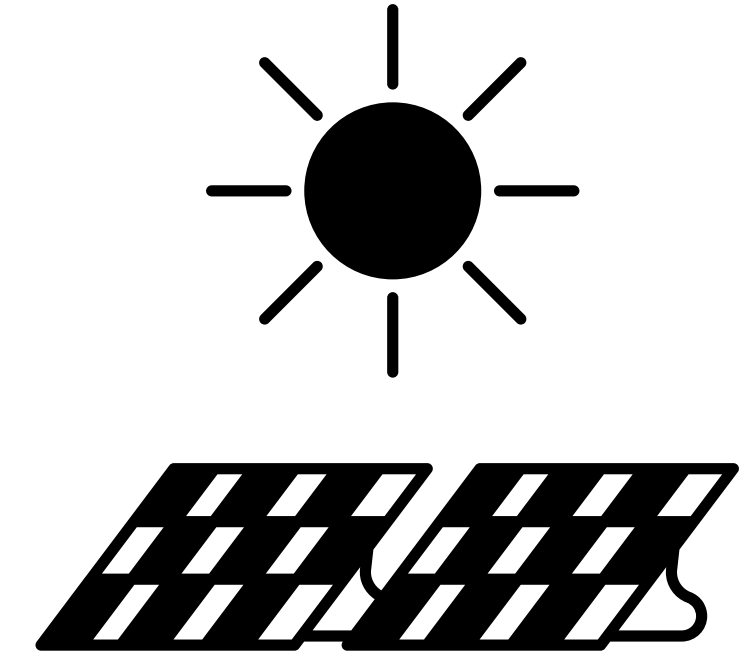
 **Consumption
in kWh**

 **GHG Emission
TCO₂Eq**



Purchased Electricity

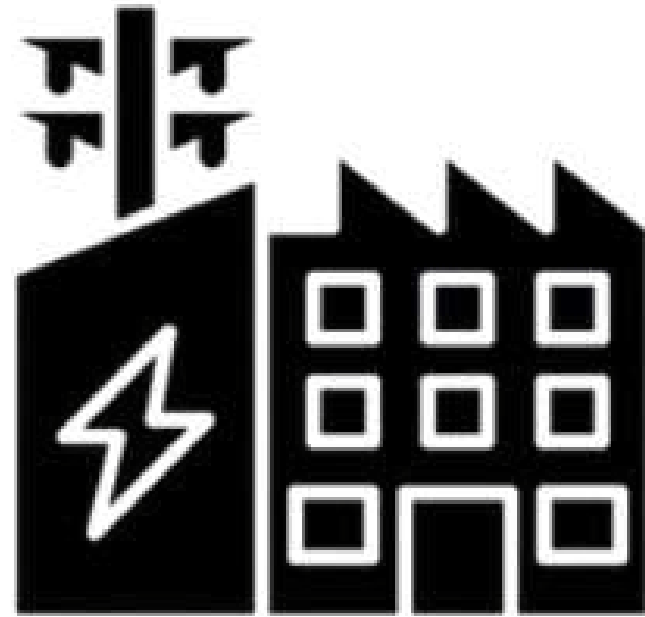
60.49%
Renewable



Generated Electricity Solar

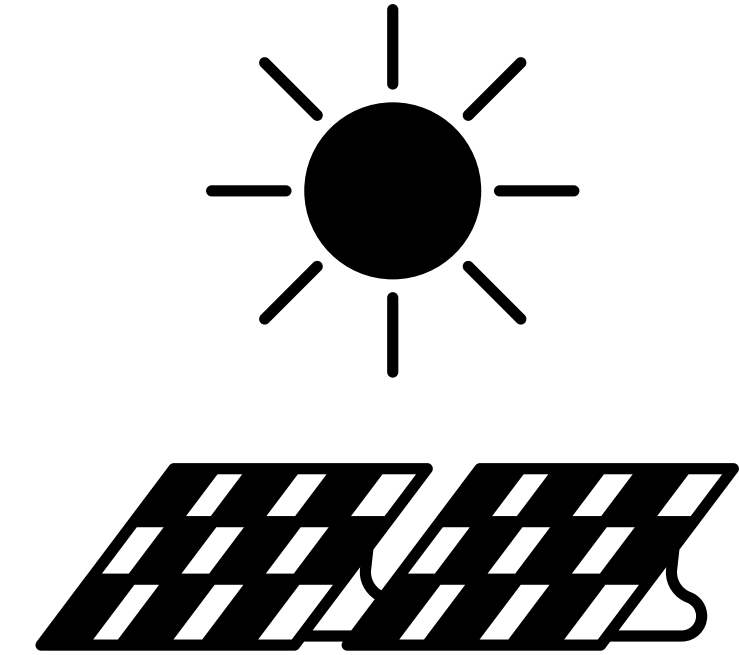
The Company offsets 60.49% of its scope 2 GHG Emissions coming out of their electricity by generating 7,36,112 amount of kWh from their Solar in the FY 2024-25.

Note: The solar power plant became operational from April 2024.



Purchased Electricity

85.42%
Renewable



Generated Electricity Solar

The Company offsets 85.42% of its scope 2 GHG Emissions coming out of their electricity by generating 4,88,067 amount of kWh from their Solar in the FY 2025-26 (April to September).

Scope 3

Other Indirect GHG Emission



CATEGORIES OF SCOPE 3

- Purchased Goods & Services
- Capital goods
- Fuel- and Energy-Related Activities
- Upstream Transportation & Distribution
- Waste Generated in Operations
- Downstream Transportation & Distribution

Purchased Goods & Services

»» FY 2022-23	»» FY 2023-24	»» FY 2024-25	»» FY 2025-26
3,62,34,264.47	3,45,08,823.30	3,82,21,047.53	2,12,33,915.29
3,569.98	3,399.98	4,407.55	2,448.64



Amount in USD



GHG Emission
TCO₂Eq

Capital goods

»» FY 2022-23	»» FY 2023-24	»» FY 2024-25	»» FY 2025-26
6,97,351.04	6,64,143.85	6,17,403.77	3,43,002.10
16.04	15.28	14.20	7.89


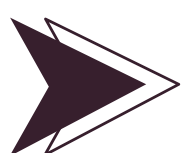




Amount in USD



GHG Emission
TCO₂Eq

Fuel- and Energy-Related Activities

 FY 2022-23	 FY 2023-24
18,03,214.67	20,41,235.12
696.76	759.48
 FY 2024-25	 FY 2025-26
12,24,257.03	5,75,416.08
486.15	228.28

 **Hybrid Units: litres,
tonnes & kWh**

 **GHG Emission
TCO₂Eq**

Upstream Transportation & Distribution

Transportation of Raw Materials by Heavy Goods Vehicles

»» FY 2022-23	»» FY 2023-24	»» FY 2024-25	»» FY 2025-26
2,327.50	1,687.90	2,112.00	975.00
3.04	2.40	2.74	1.27

 **km travelled**

 **GHG Emission
TCO₂Eq**

Waste Generated in Operations

Total Generated waste

»» **FY 2022-23**

7.53

0.160

»» **FY 2023-24**

0.94

0.020

»» **FY 2024-25**

1.30

0.028

»» **FY 2025-26**

**Data Collection in
Progress**



**Generation in
tonne**



**GHG Emission
TCO₂Eq**

Downstream Transportation & Distribution

Transportation of Finishing goods by Road, Air & Sea

»» FY 2022-23	»» FY 2023-24	»» FY 2024-25	»» FY 2025-26
1,81,09,026	1,72,46,691	2,22,63,039	1,23,68,355
1,059.19	1,008.76	1,302.16	723.42



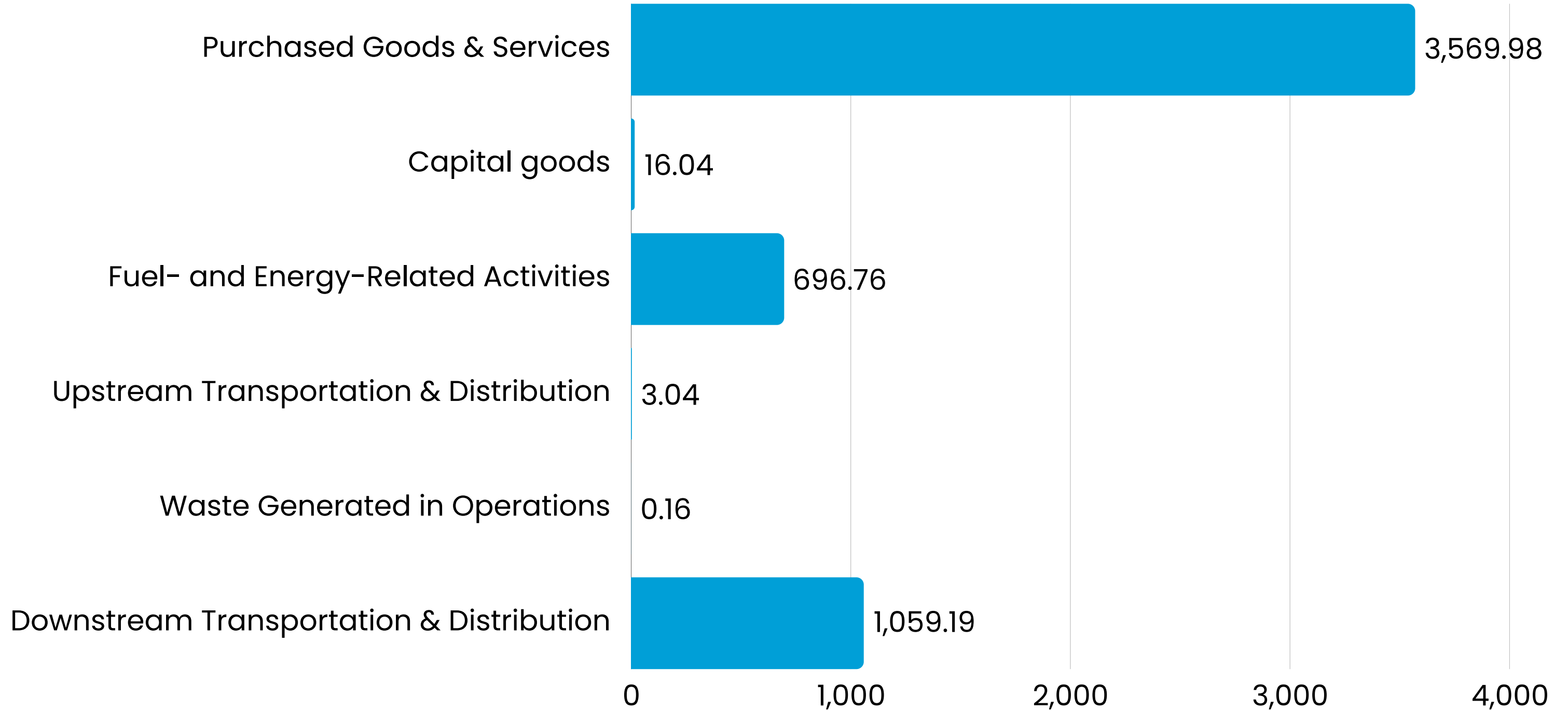
**Total Activity
in tonne.km**



**GHG Emission
TCO₂Eq**

Summary of Scope 3

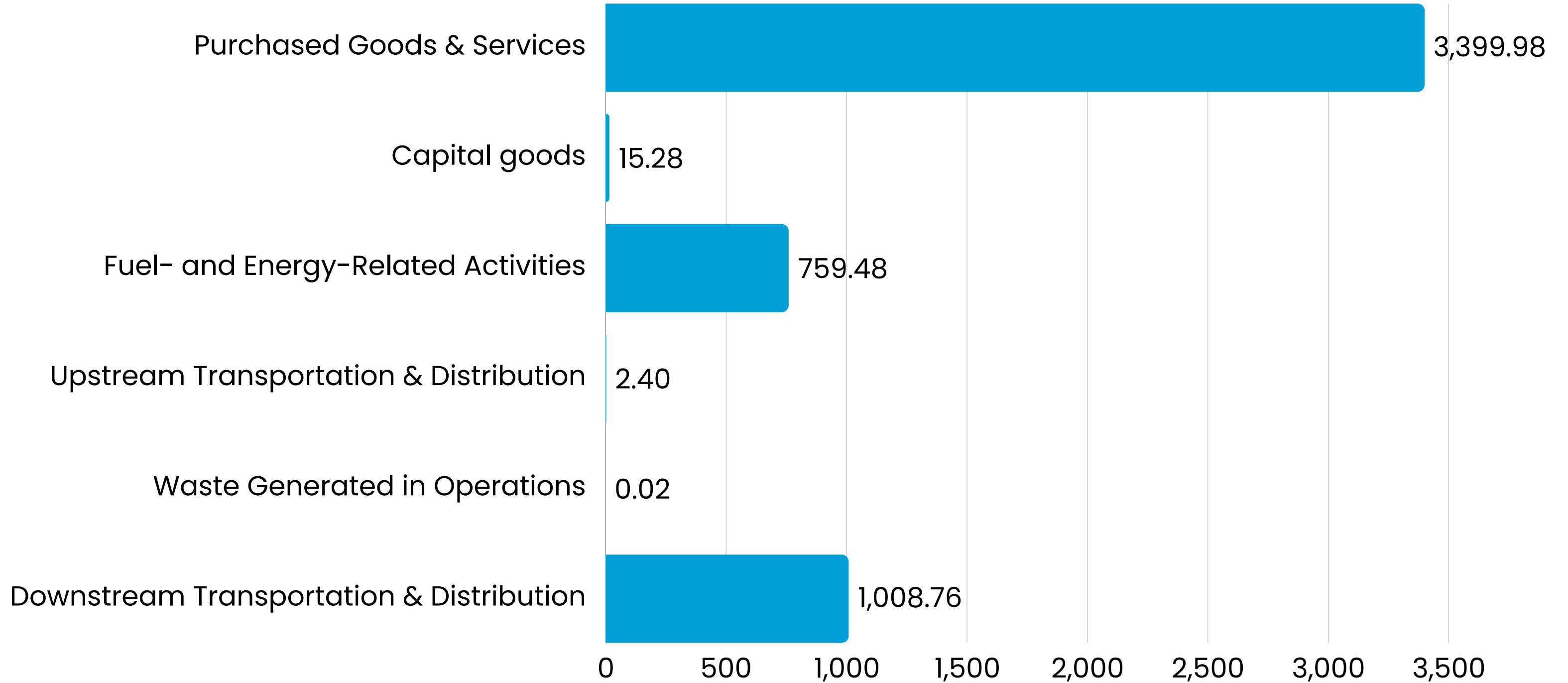
Reporting Period
FY 2022-23



Total GHG Emission 5,345.17 TCO₂Eq

Summary of Scope 3

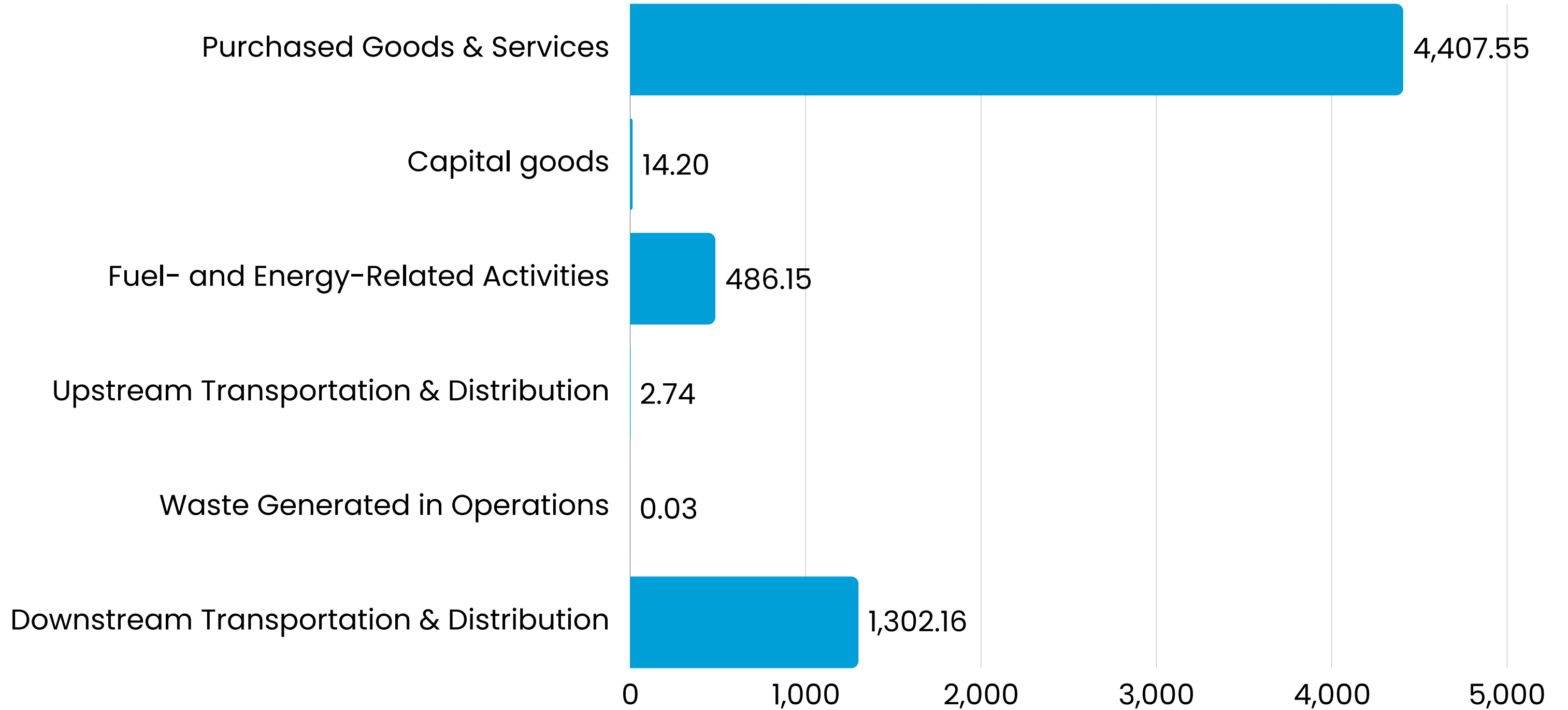
Reporting Period
 FY 2023-24



Total GHG Emission 5,185.92 TCO₂Eq

Summary of Scope 3

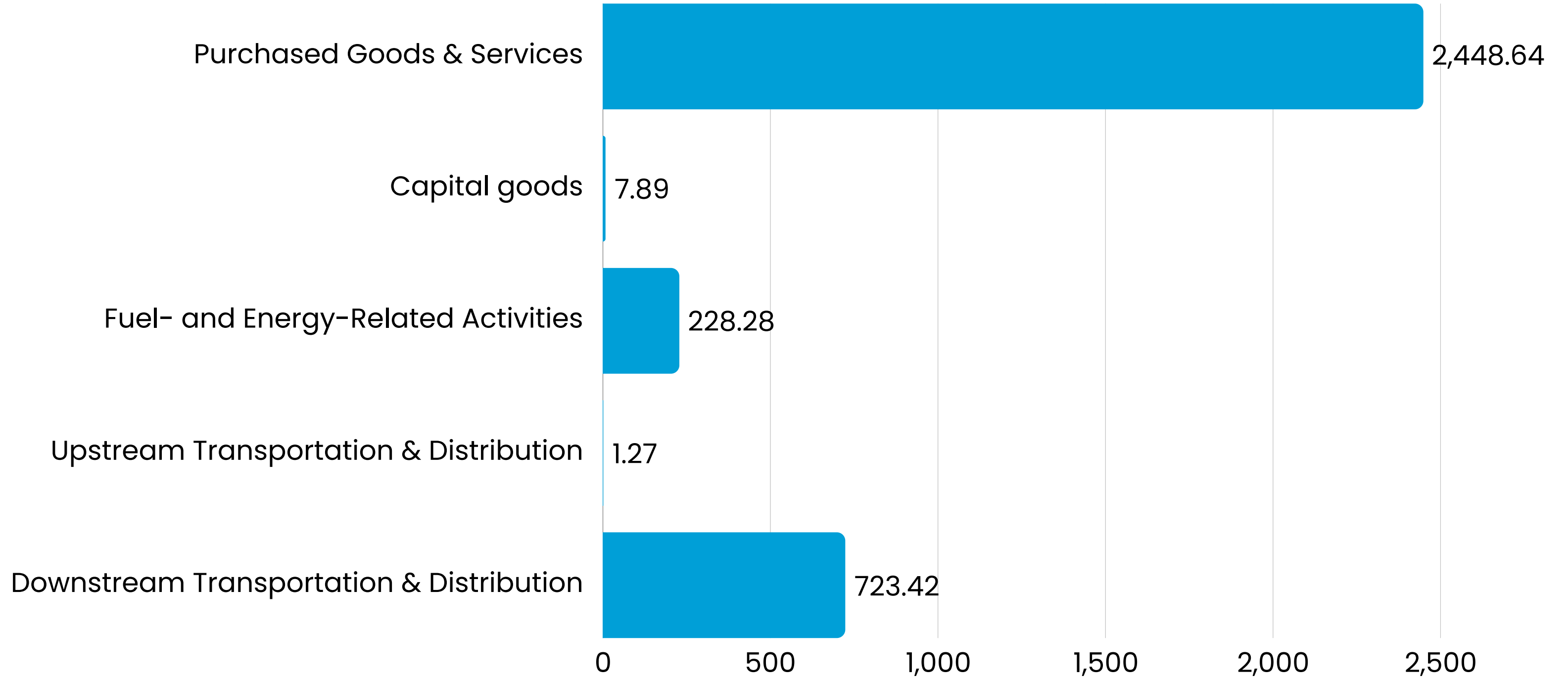
Reporting Period
FY 2024-25



Total GHG Emission 6,212.83 TCO₂Eq

Summary of Scope 3

Reporting Period
FY 2025-26
(Apr 2025 to Sep 2025)

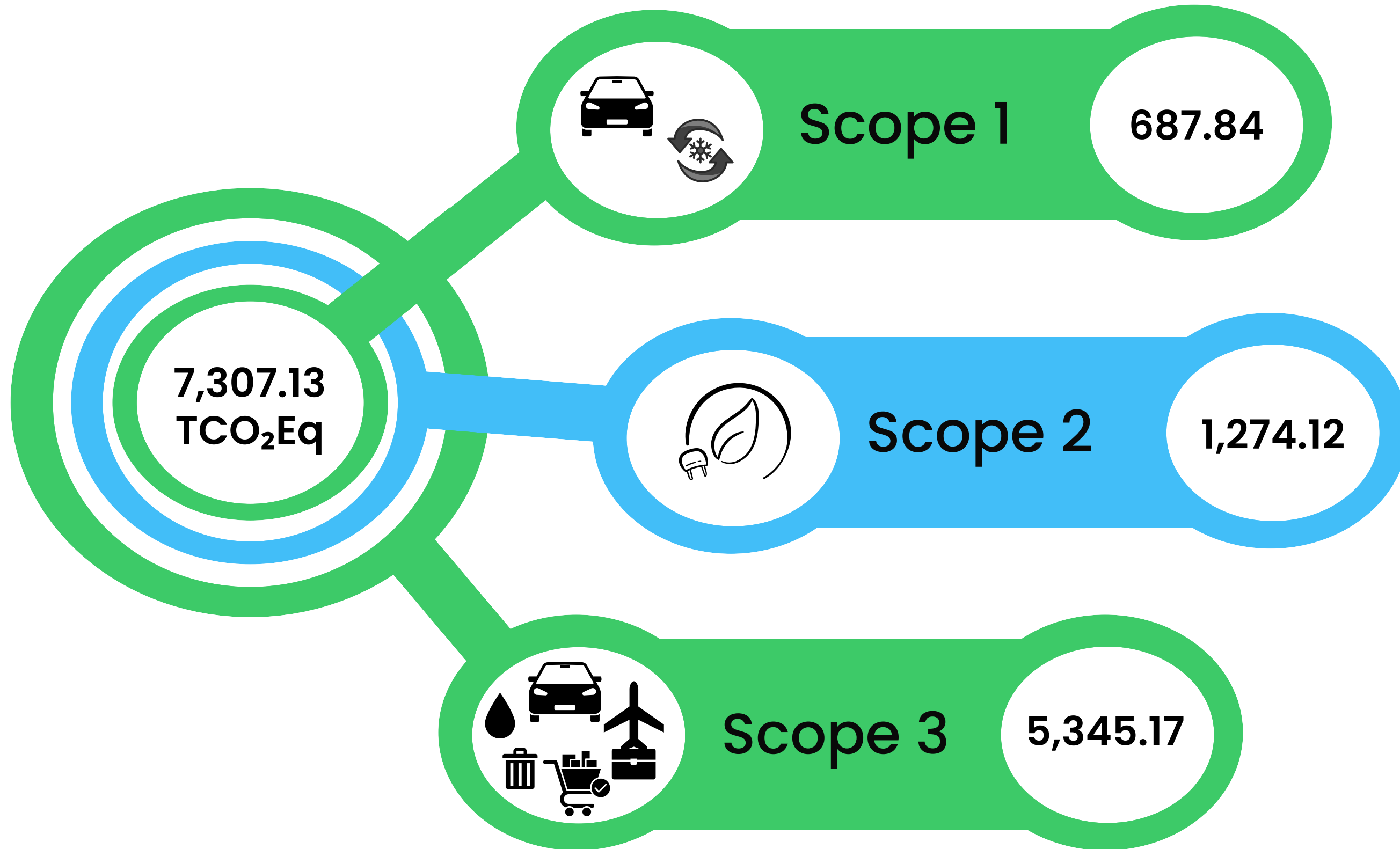


Total GHG Emission 3,409.50 TCO₂Eq



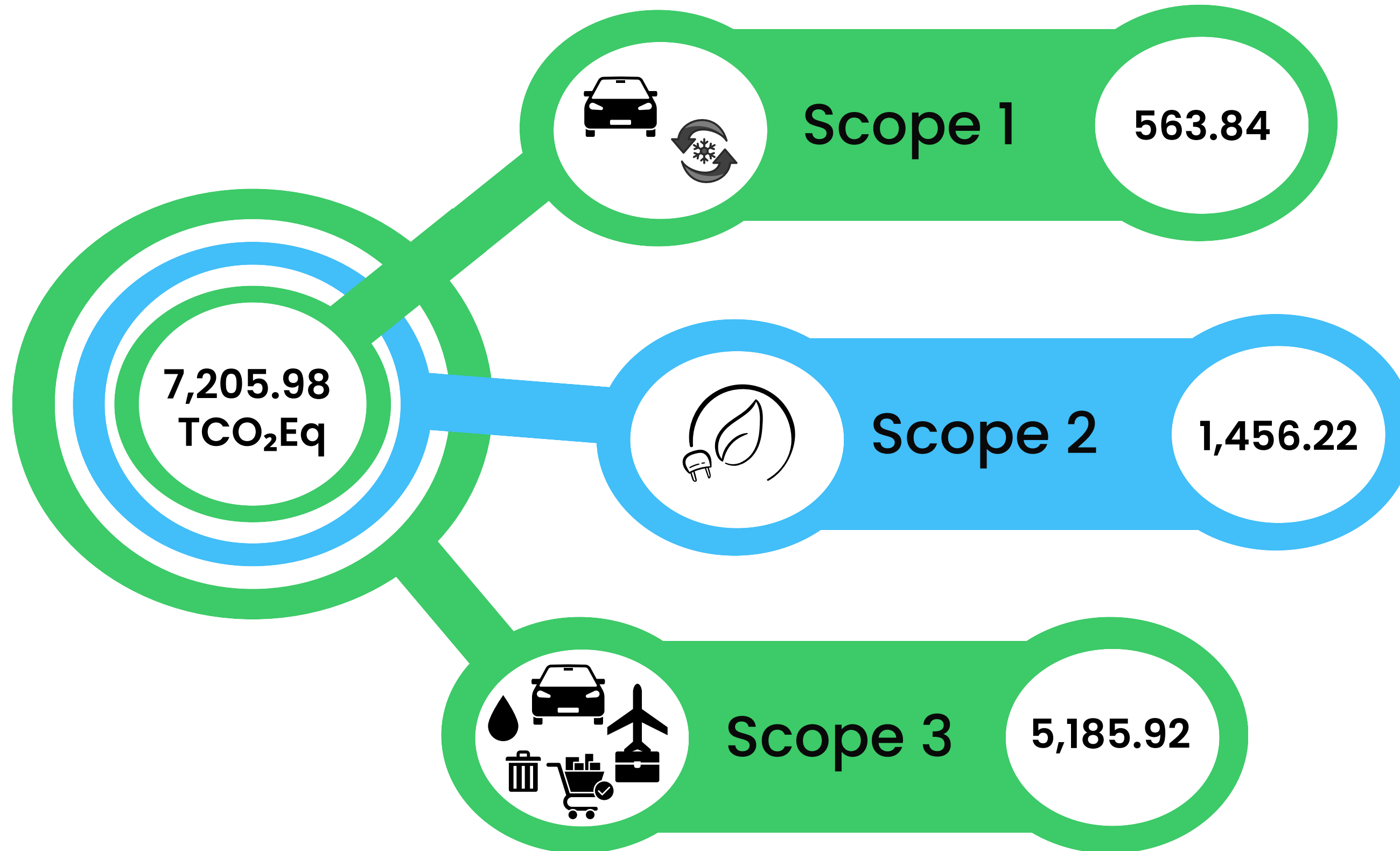
Total GHG Emission in TCO₂Eq

Reporting Period
FY 2022-23



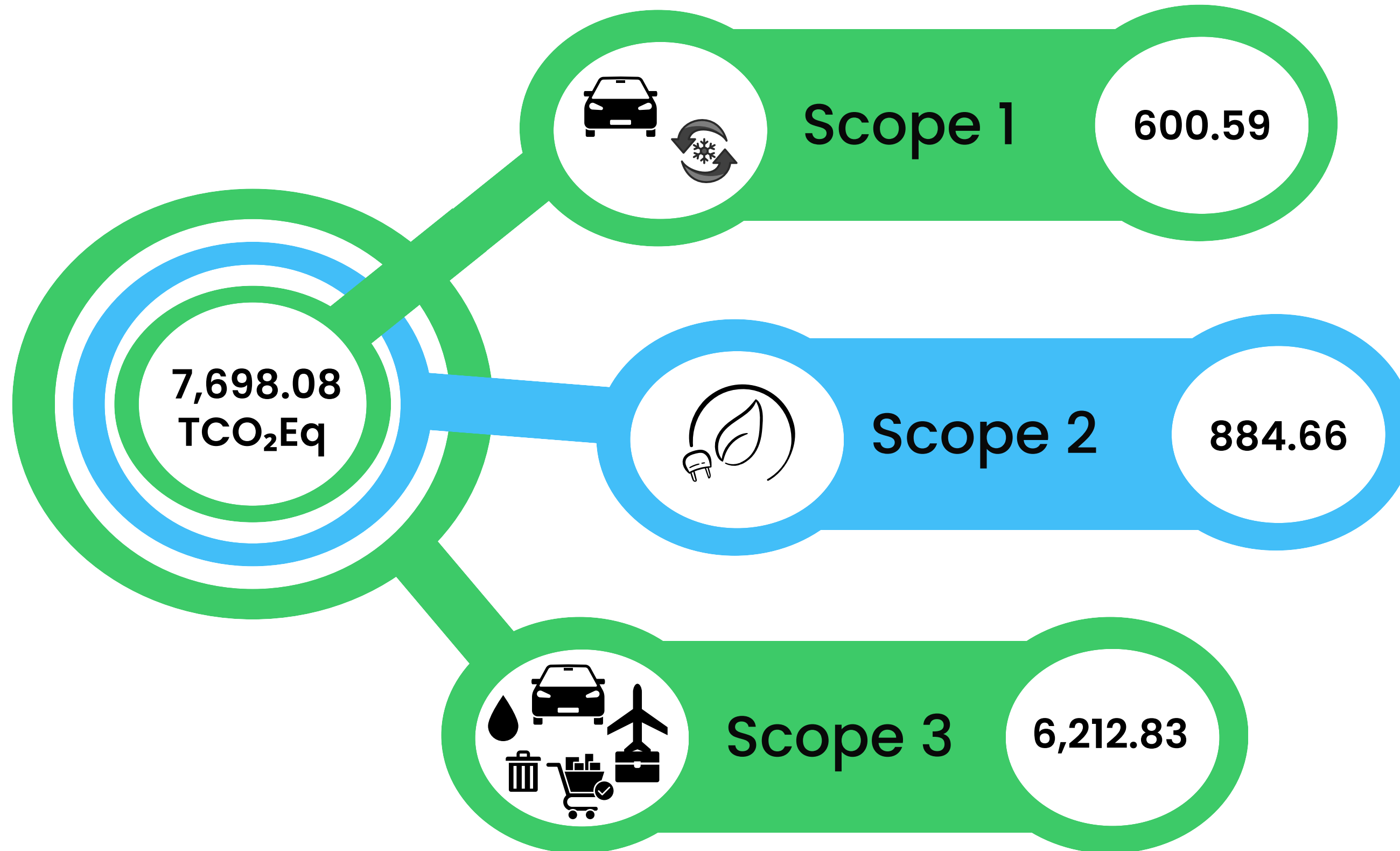
Total GHG Emission in TCO₂Eq

Reporting Period
FY 2023-24



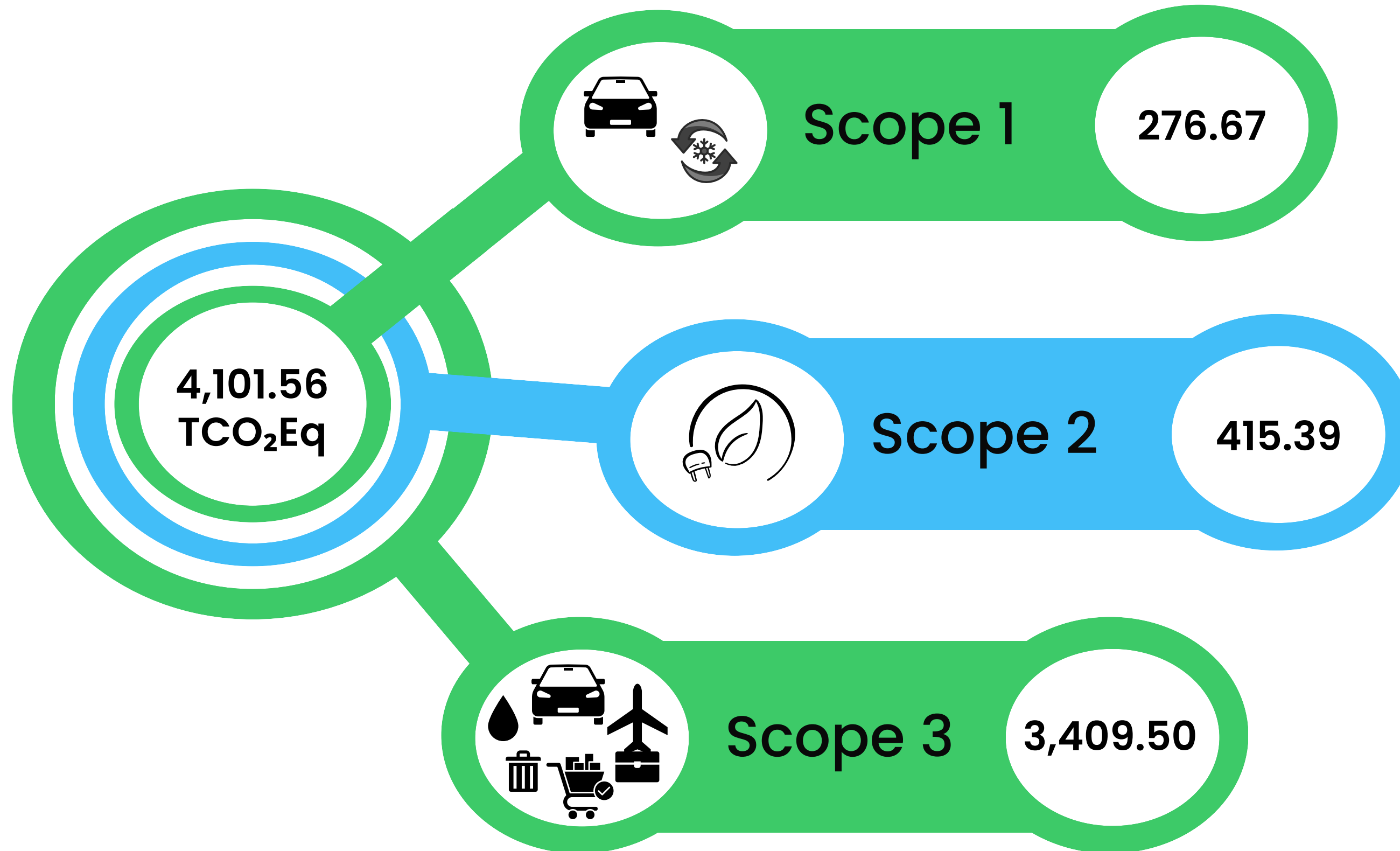
Total GHG Emission in TCO₂Eq

Reporting Period
FY 2024-25



Total GHG Emission in TCO₂Eq

Reporting Period
FY 2025-26
(Apr 2025 to Sep 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.