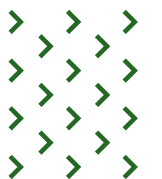


GHG EMISSION REPORT

SOMAKANNAN TEXTILES

REPORTING PERIOD

YEAR 2022
YEAR 2023
YEAR 2024
YEAR 2025

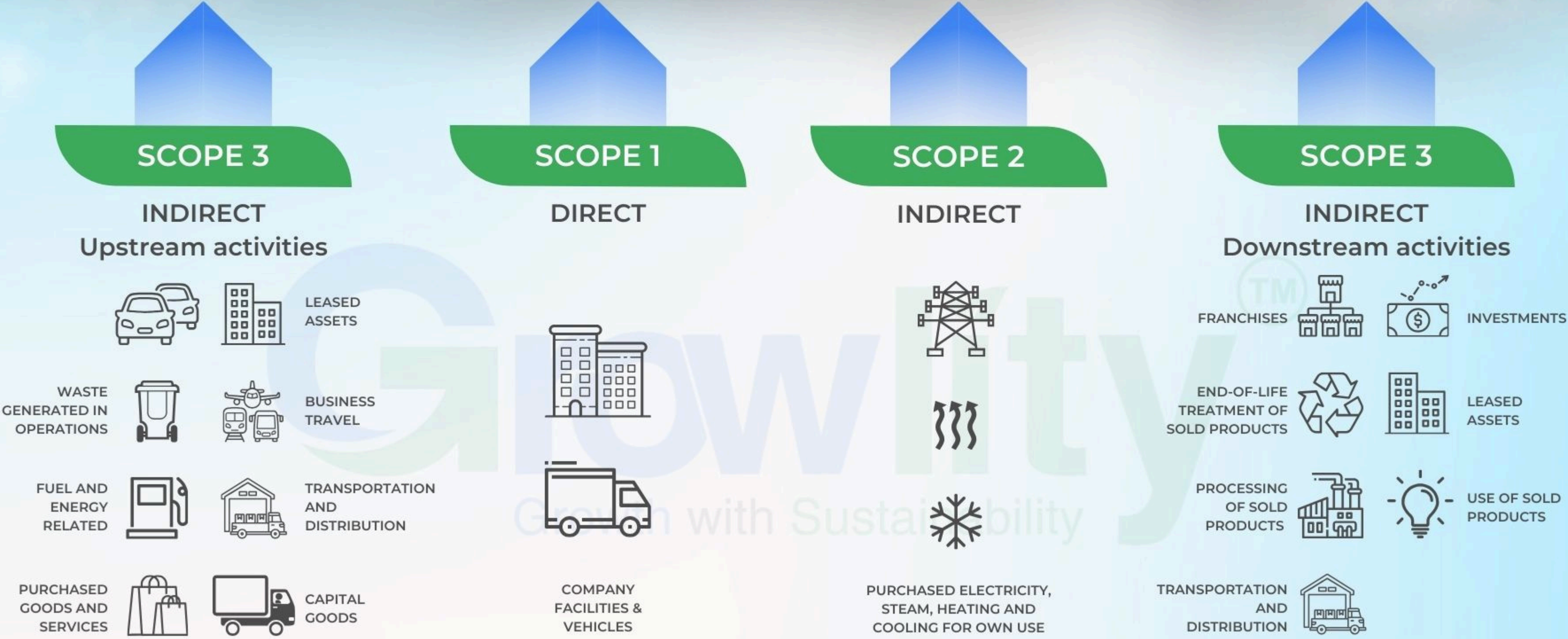


Introduction of GHG Emissions in Accordance with ISO 14064 and the GHG Protocol



GHG

PFCS CO₂ N₂O HFCS CH₄ SF₆



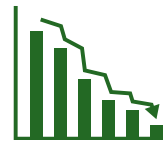
Reference used for study: ISO 14064 & Green House Gas Protocol

ISO 14064 and GHG Protocol



1. Developing Accurate GHG Inventories

We carefully track and record our GHG emissions across all operations, ensuring that our inventory includes all relevant emission sources and delivers complete, accurate, and transparent reporting.



2. Emission Reduction Strategies

We actively seek opportunities to reduce GHG emissions and implement effective strategies to achieve these reductions. Through continuous monitoring and improvement of our processes, we work to minimize our GHG footprint and enhance sustainability.



3. Transparent Reporting

We deliver comprehensive reports on our GHG emissions and reduction measures, ensuring transparency and accountability. Our reporting aligns closely with ISO 14064 and the GHG Protocol standards, reflecting our strong commitment to integrity and responsibility.



4. 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 reflects our commitment to transparency and accountability.

LOCATION COVERED

Address - No.284/1 ERS Thottam Pattnam
Post Rasipuram -637408 Namakkal dt.
Tamil Nadu India.

ABOUT 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

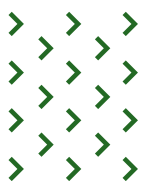
Indirect emissions from purchased energy, crucial for assessing and reducing an organization's environmental impact for period.



Scope 3

OTHER INDIRECT GHG EMISSION

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





SCOPE 1

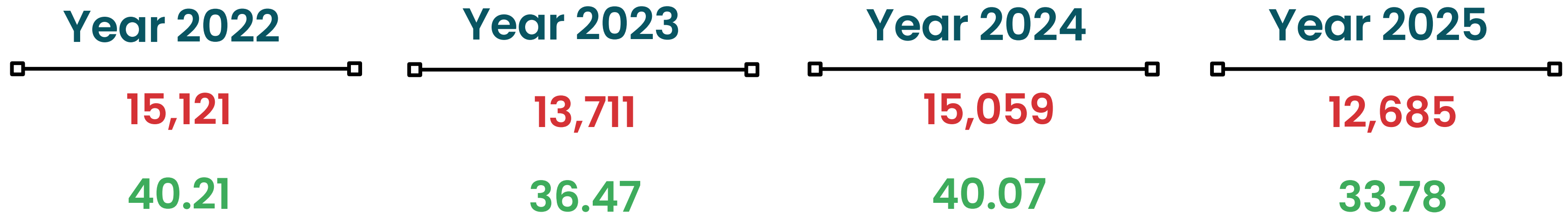
DIRECT GHG EMISSION

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



Stationary Combustion

Consumption of Liquid Fuels - Diesel



**Consumption
in Litres**

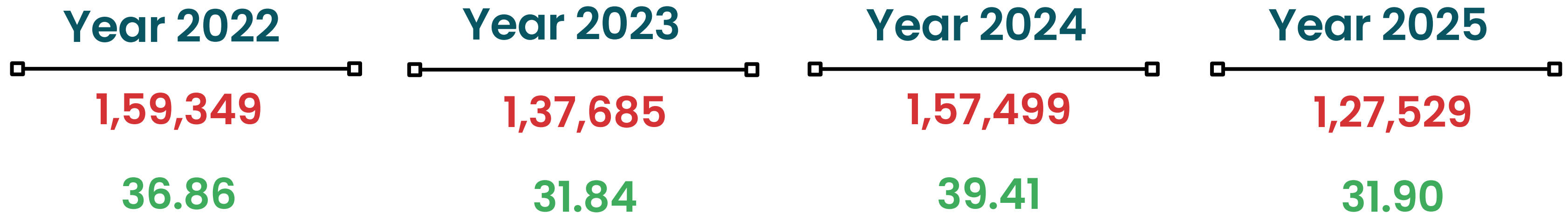


**GHG Emission
TCO₂Eq**



Mobile Combustion

Consumption of Diesel in Vans



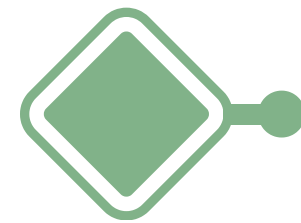
km travelled



GHG Emission
TCO₂Eq

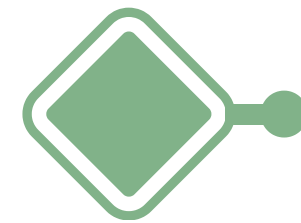


Summary of Scope 1 GHG Emission TCO₂Eq



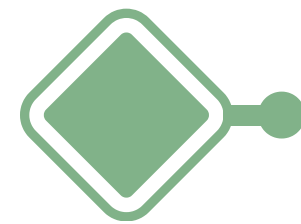
Year 2022

77.07



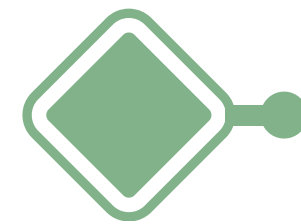
Year 2023

68.31



Year 2024

79.48



Year 2025

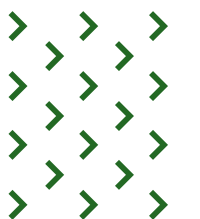
65.68



SCOPE 2

INDIRECT GHG EMISSION

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

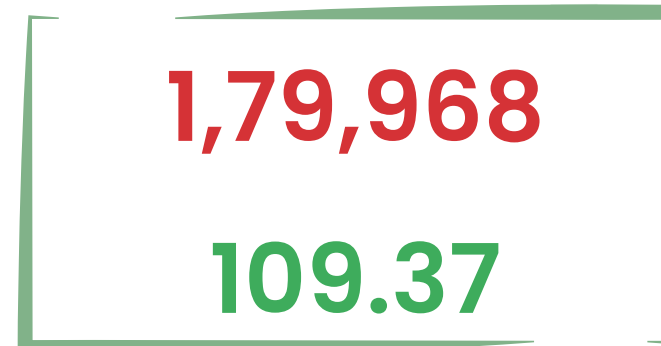




Purchased Electricity



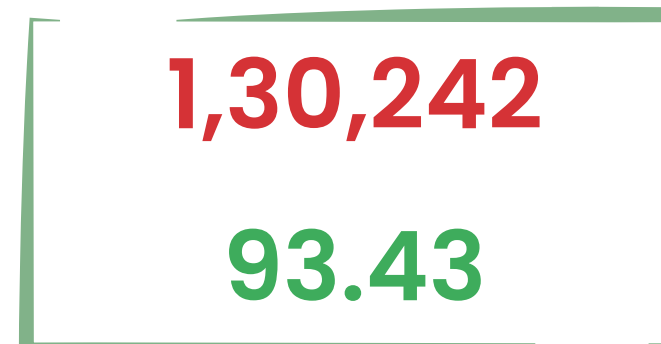
Year 2022



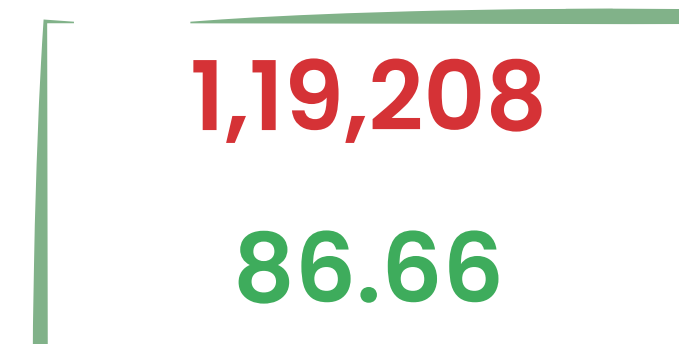
Year 2023



Year 2024



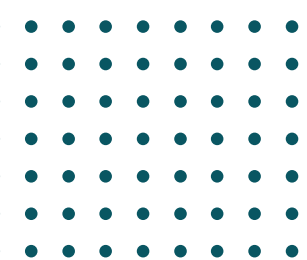
Year 2025



**Consumption
in kWh**



**GHG Emission
TCO₂Eq**

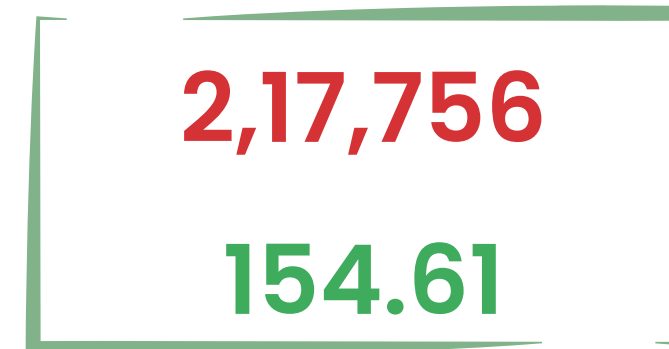




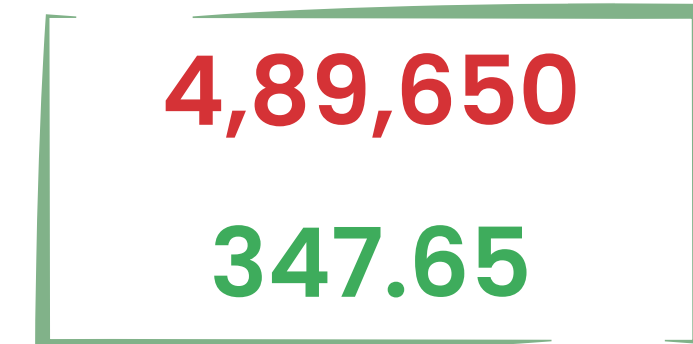
Generated Electricity from Solar & Windmills



Year 2022



Year 2023



Year 2024



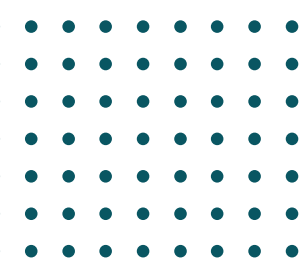
Year 2025



**Generation in
kWh**



**Avoided Emission
TCO₂Eq**





SCOPE 3

OTHER INDIRECT GHG EMISSION

Indirect emissions from the entire value chain, including suppliers and customers, impact sustainability throughout the period by influencing resource use, production processes, and consumption patterns.

CATEGORIES OF SCOPE 3

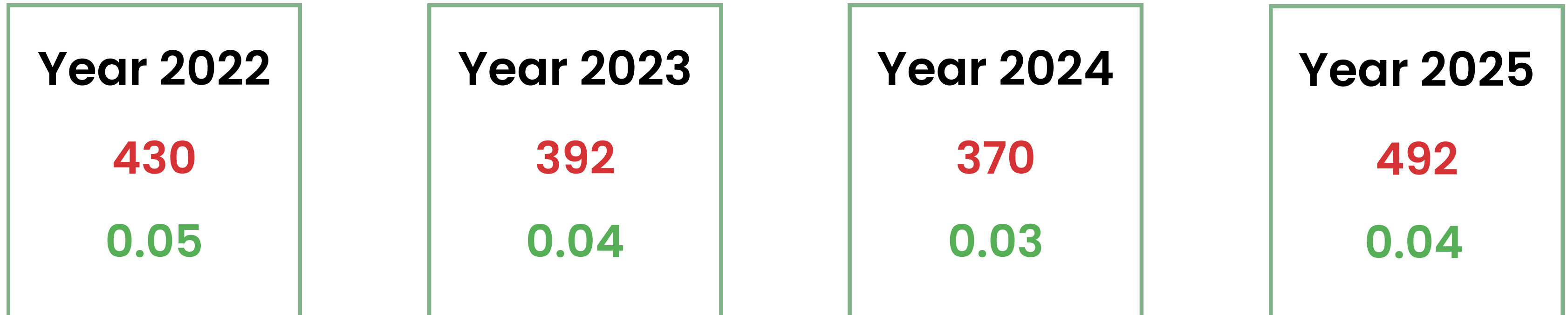


- ✓ Employee Commute
- ✓ Purchased Goods
- ✓ Transmission & Distribution Loss
- ✓ Upstream Activity
- ✓ Downstream Activity
- ✓ Waste Disposal
- ✓ Water Supply



Employee Commute

Using of Motorbikes



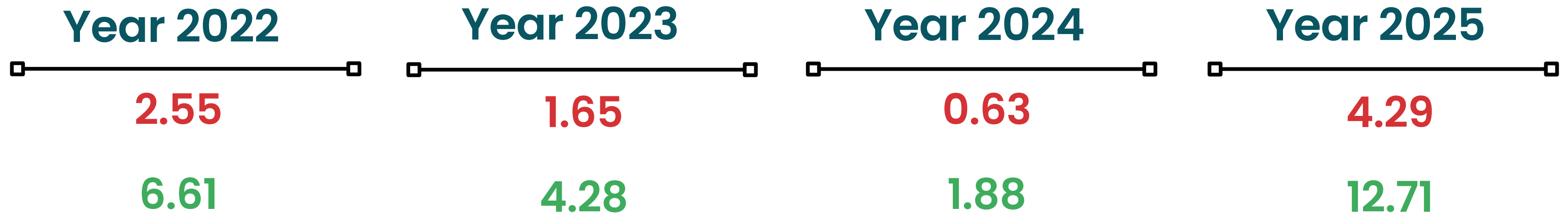
 **km travelled**

 **GHG Emission**
TCO₂Eq



Purchased Goods

Purchasing of Plastic



Consumption
in tonnes

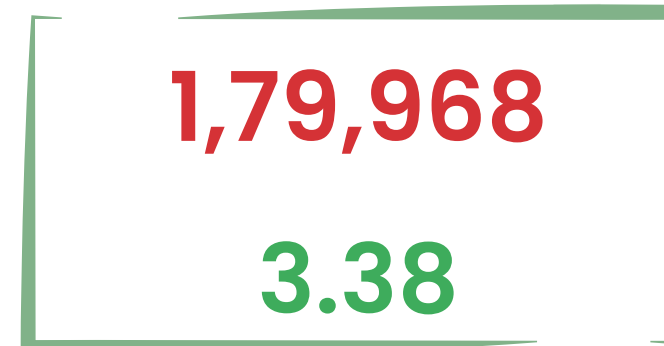


GHG Emission
TCO₂Eq

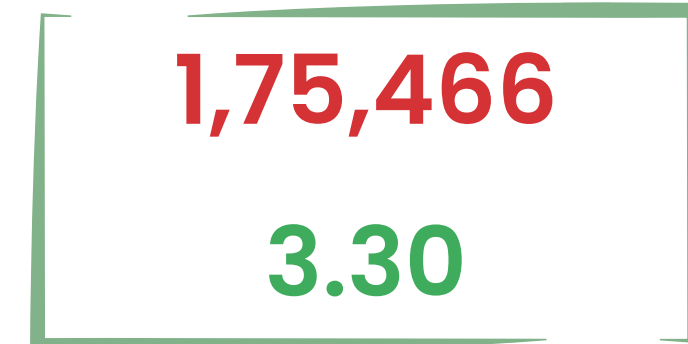
Transmission & Distribution Loss



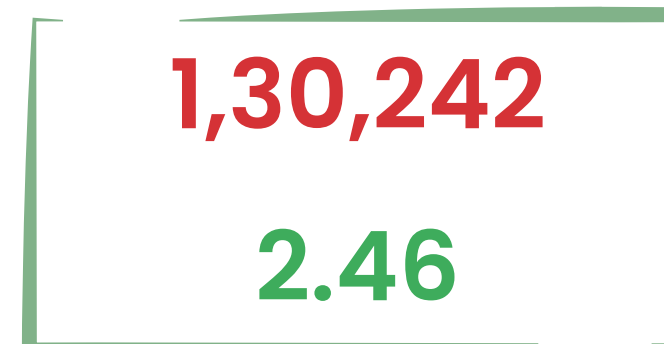
Year 2022



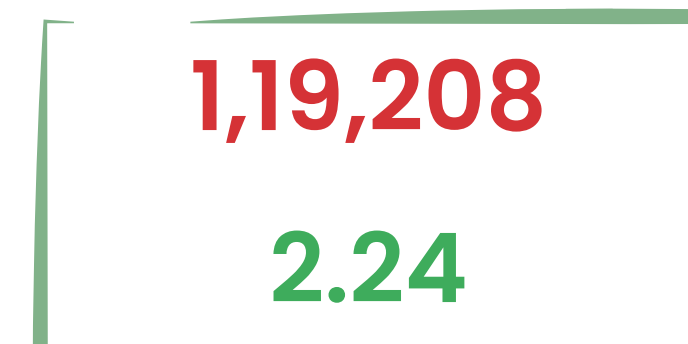
Year 2023



Year 2024



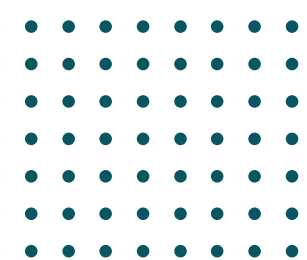
Year 2025



Consumption
in kWh

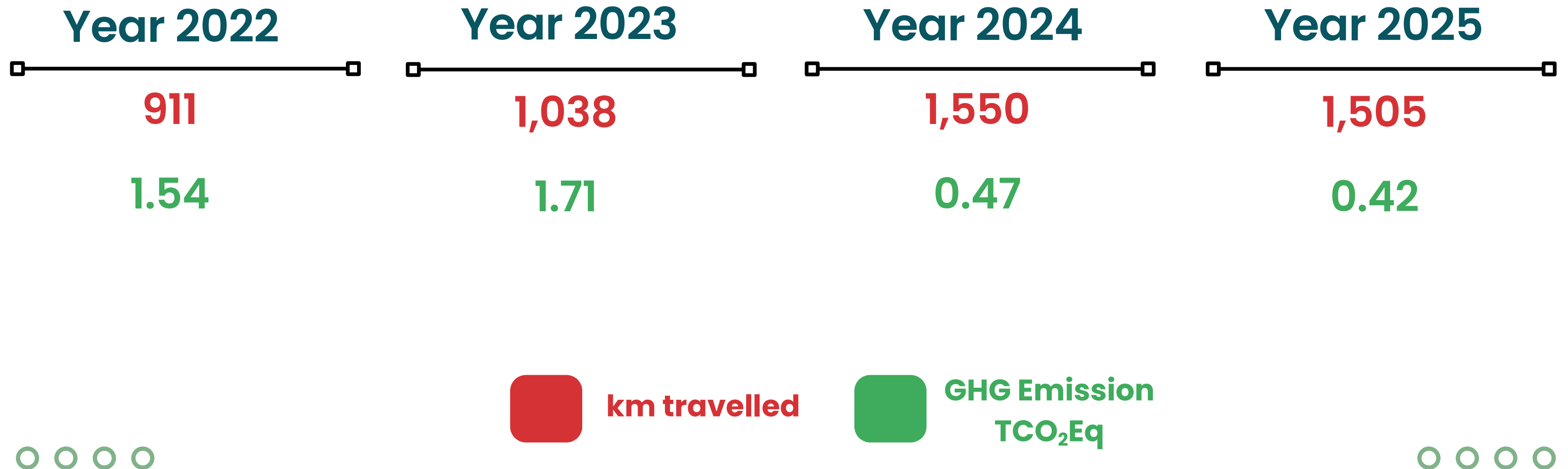


GHG Emission
TCO₂Eq



Upstream Activities

Transportation of Raw material by Vans



Downstream Activities

Transportation of Finishing goods by Cargo ship & Vans



Waste Disposal

Generation of Clothing waste

> Year 2022	> Year 2023	> Year 2024	> Year 2025
0.50	0.50	0.35	0.35
0.010	0.010	0.002	0.002

 **Generation in tonnes**

 **GHG Emission TCO₂Eq**

Water Supply



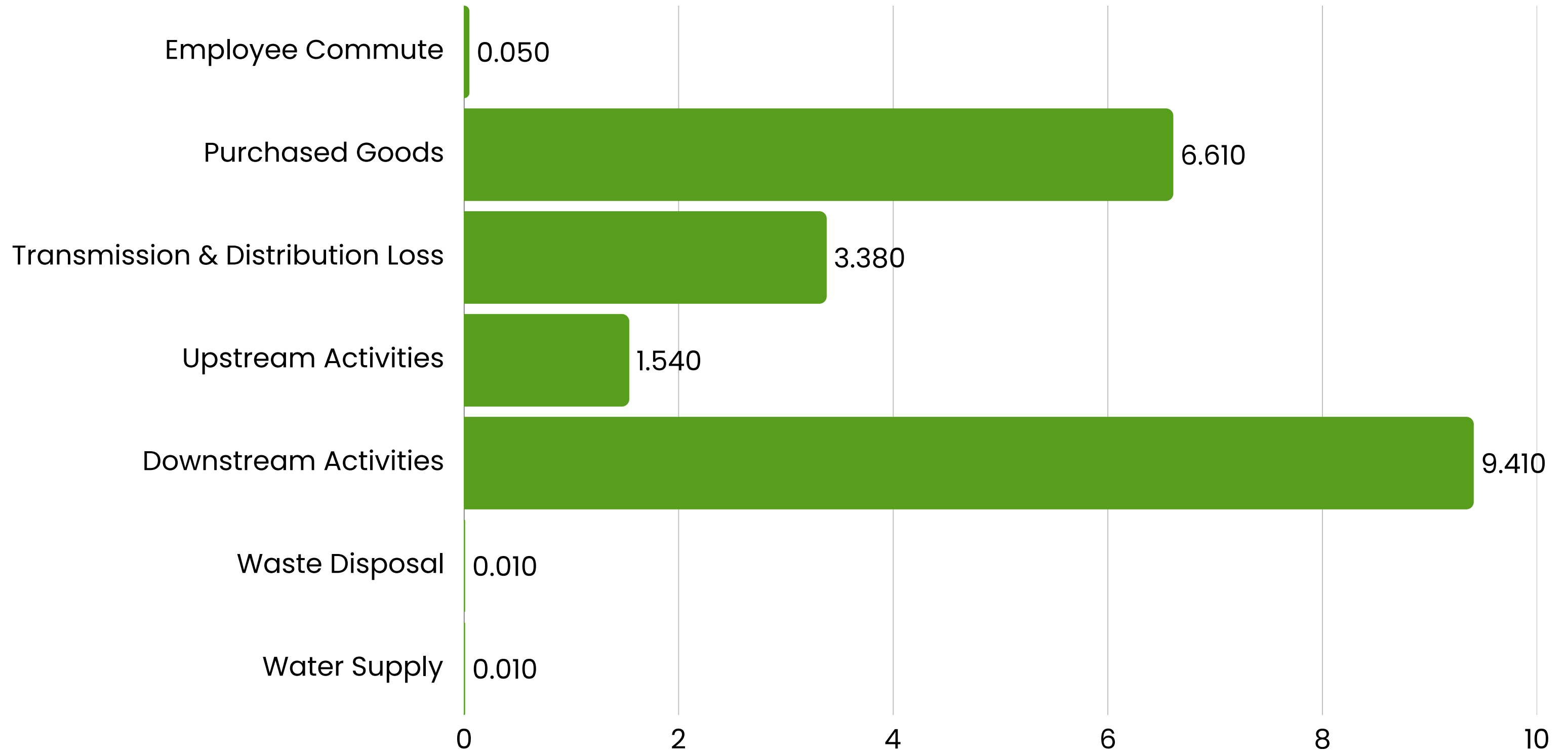
> Year 2022	> Year 2023	> Year 2024	> Year 2025
65.90	66.62	71.56	69.88
0.010	0.010	0.011	0.010

 **Total cubic meter**

 **GHG Emission
TCO₂Eq**

Summary of Scope 3

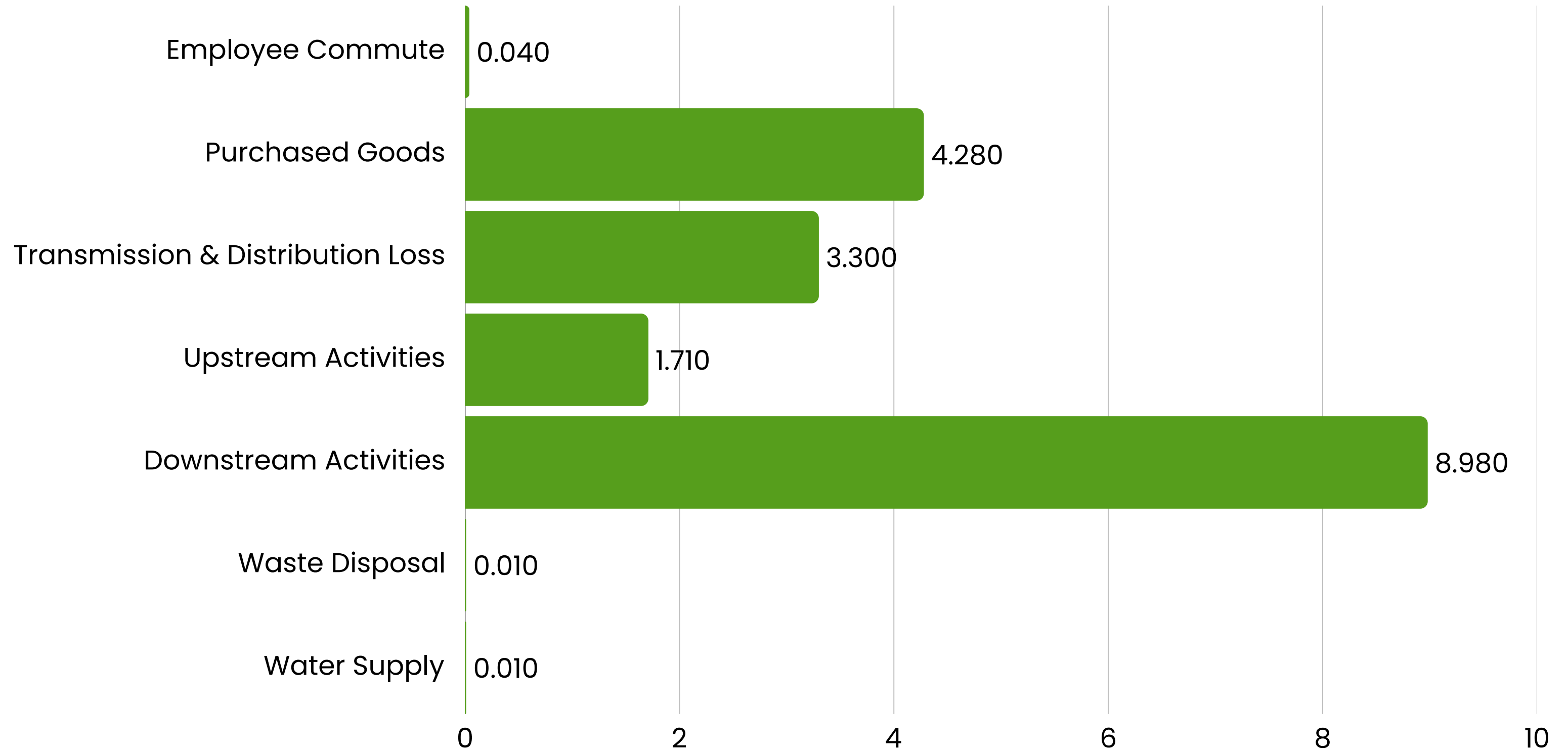
Reporting Period
Year 2022



Total GHG Emission 21.01 TCO₂Eq

Summary of Scope 3

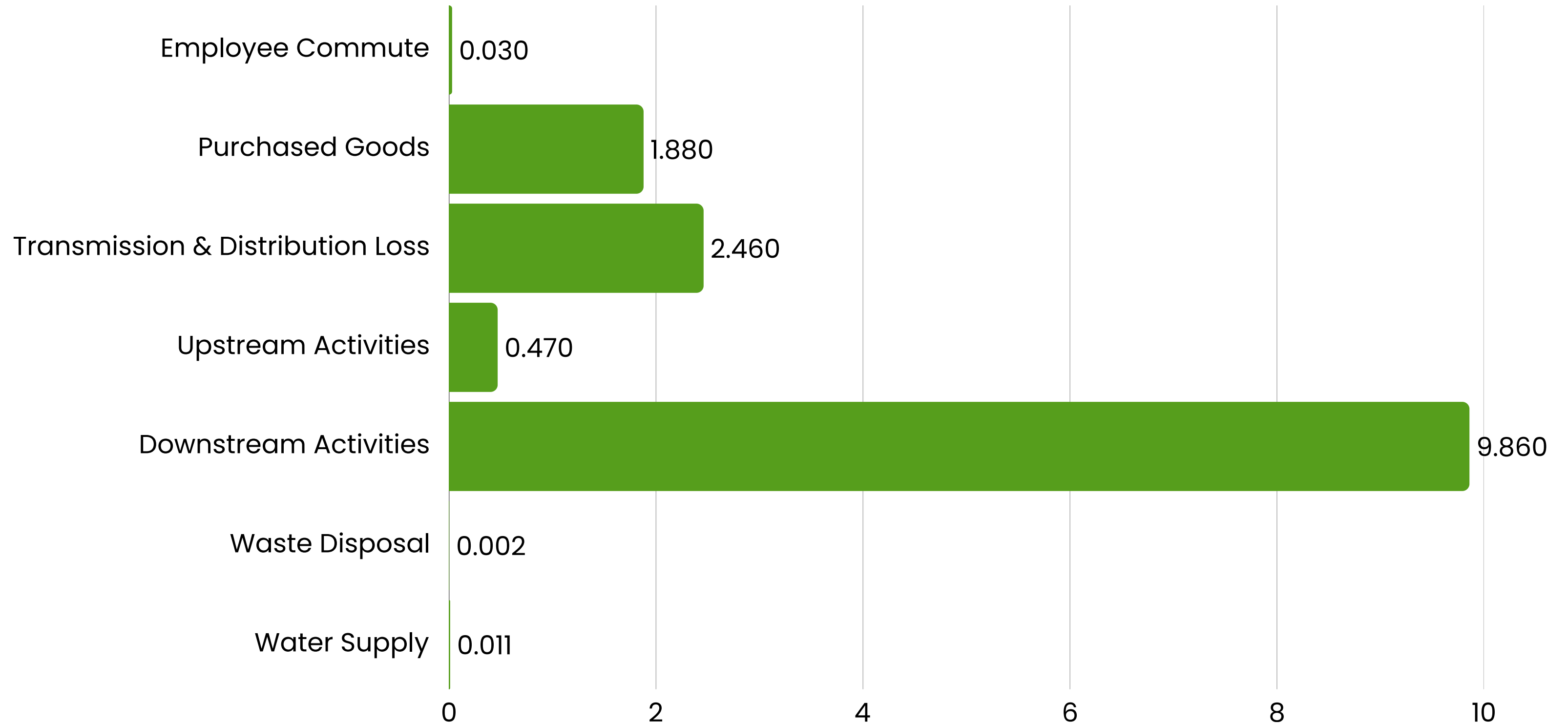
Reporting Period
Year 2023



Total GHG Emission 18.33 TCO₂Eq

Summary of Scope 3

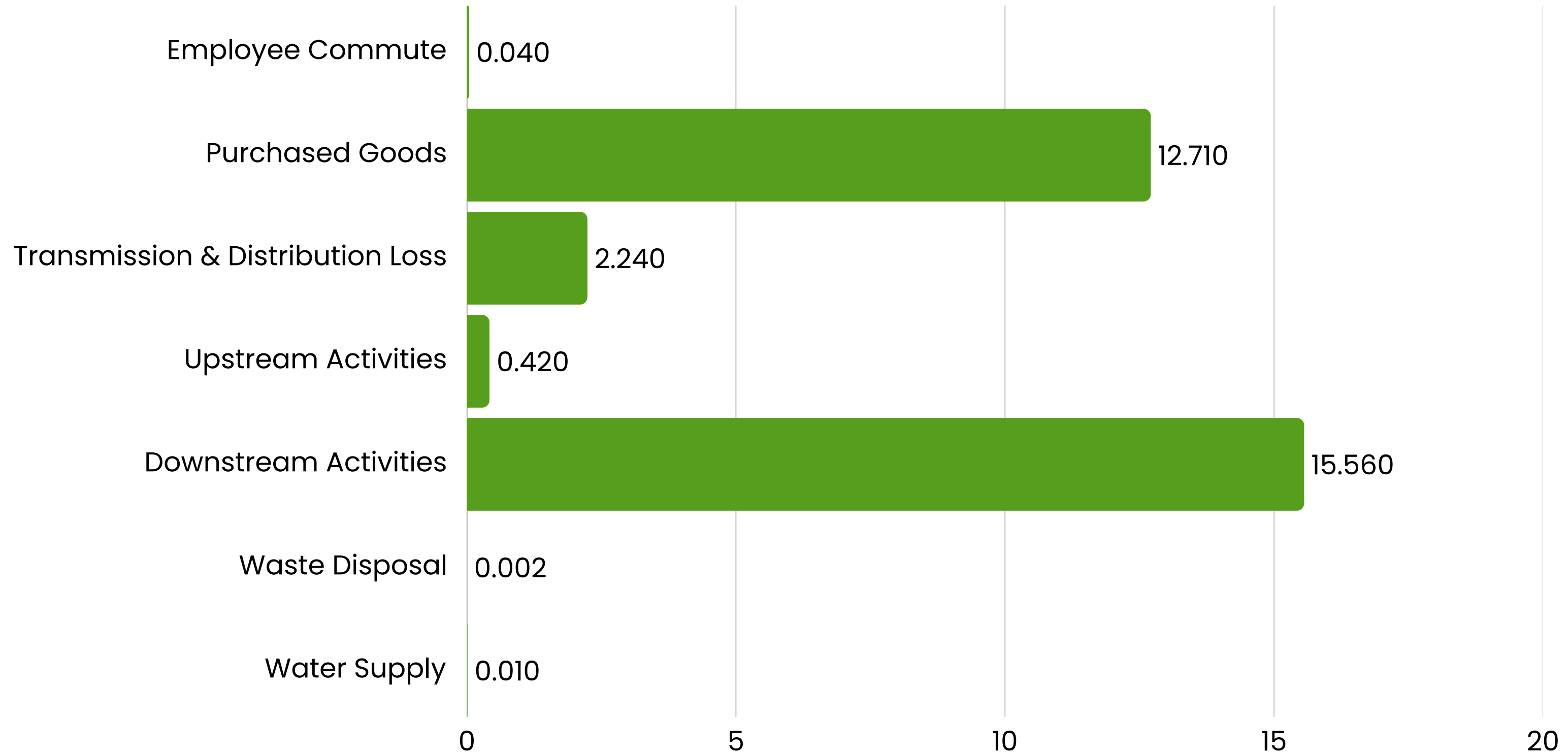
Reporting Period
Year 2024



Total GHG Emission 14.71 TCO₂Eq

Summary of Scope 3

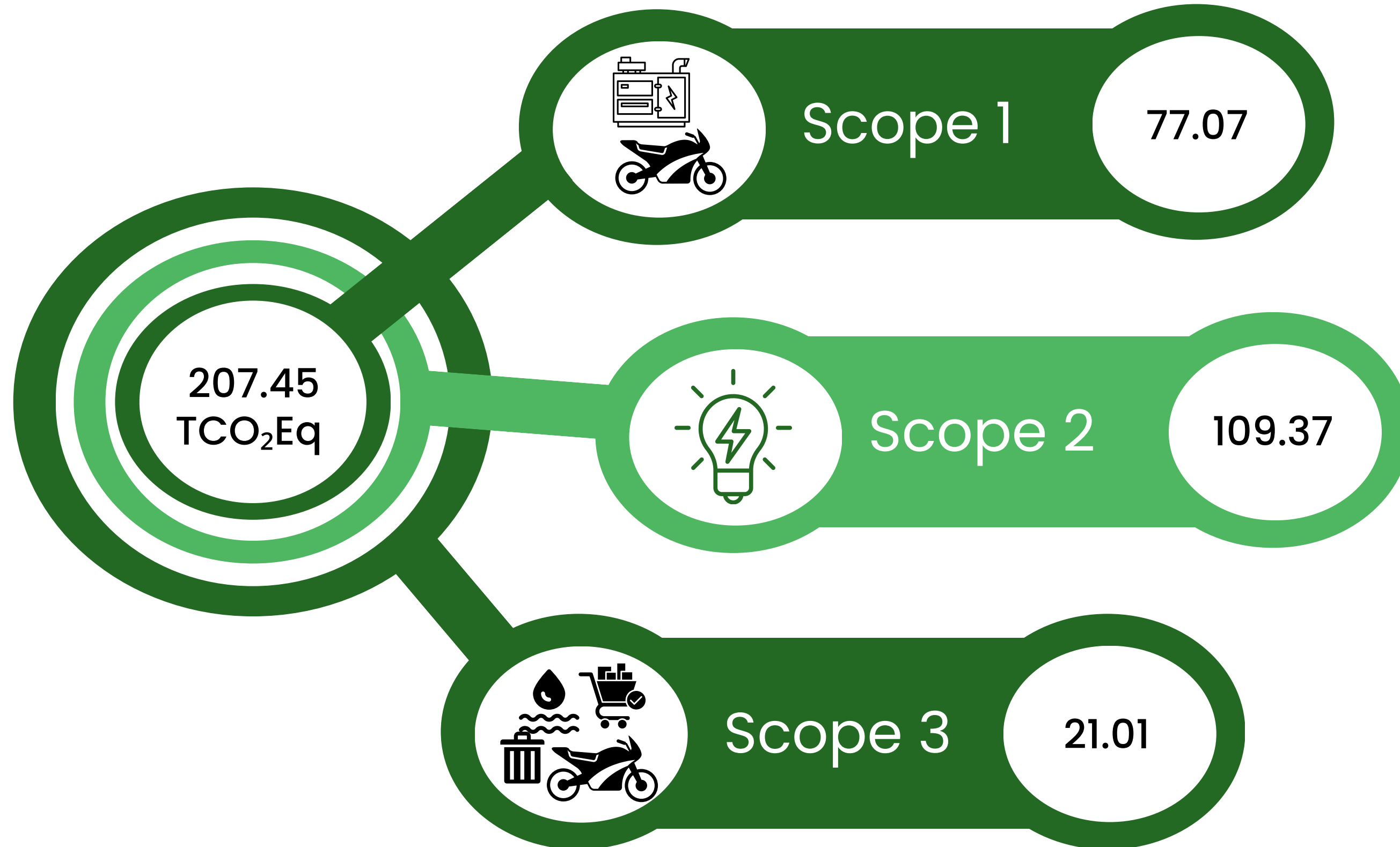
Reporting Period
Year 2025



Total GHG Emission 30.98 TCO₂Eq

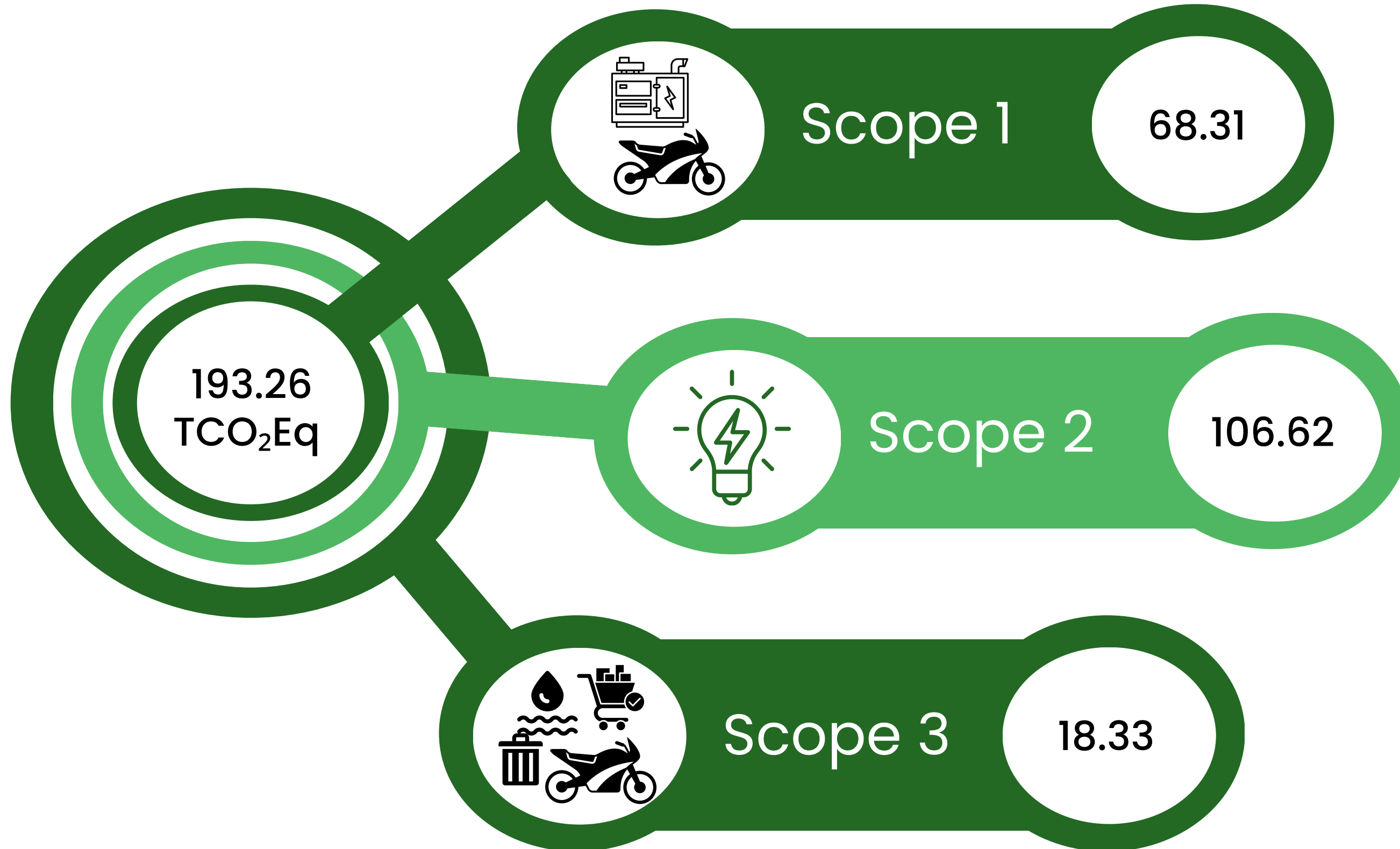
Total GHG Emission TCO₂Eq

Reporting Period
Year 2022



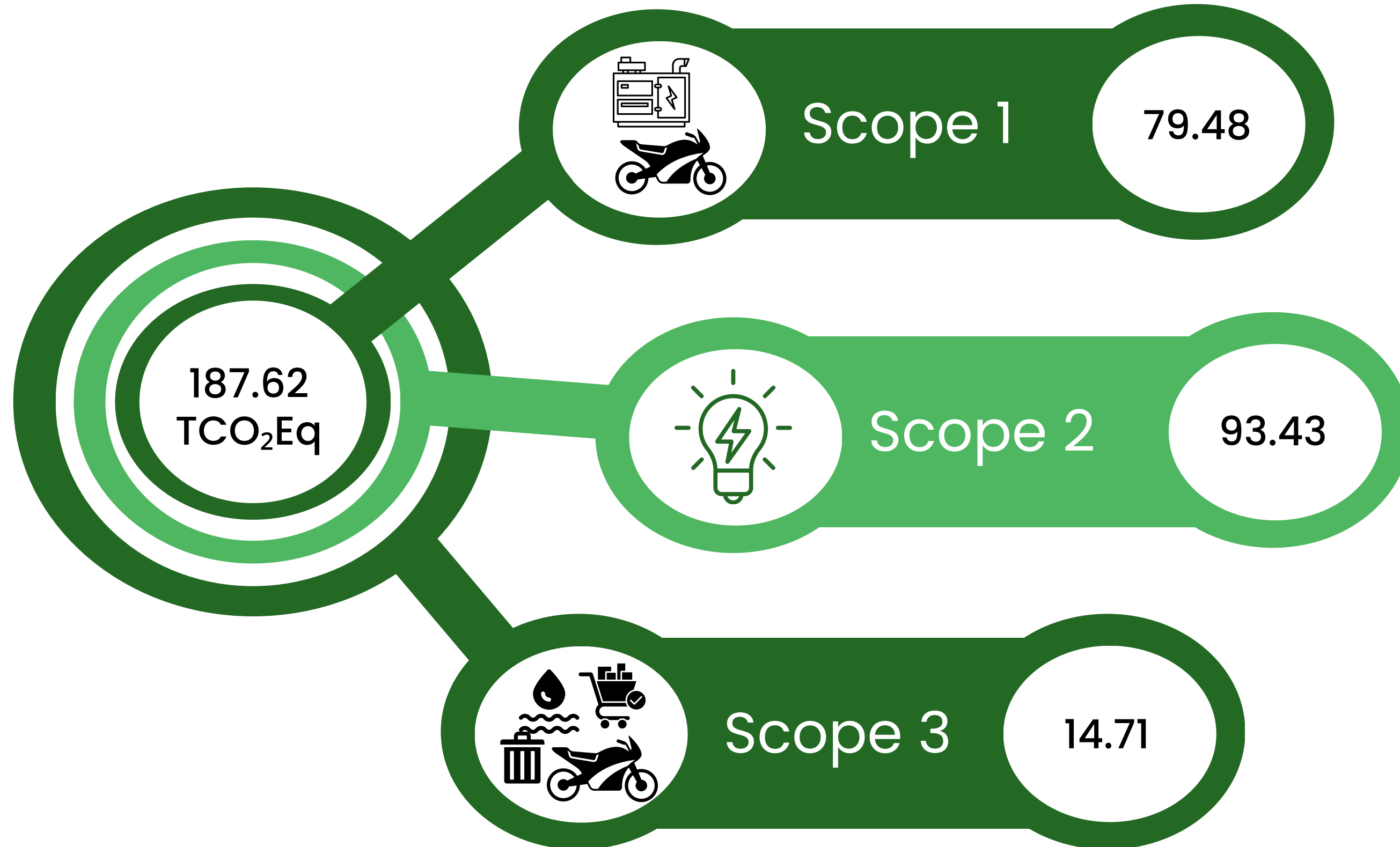
Total GHG Emission TCO₂Eq

Reporting Period
Year 2023



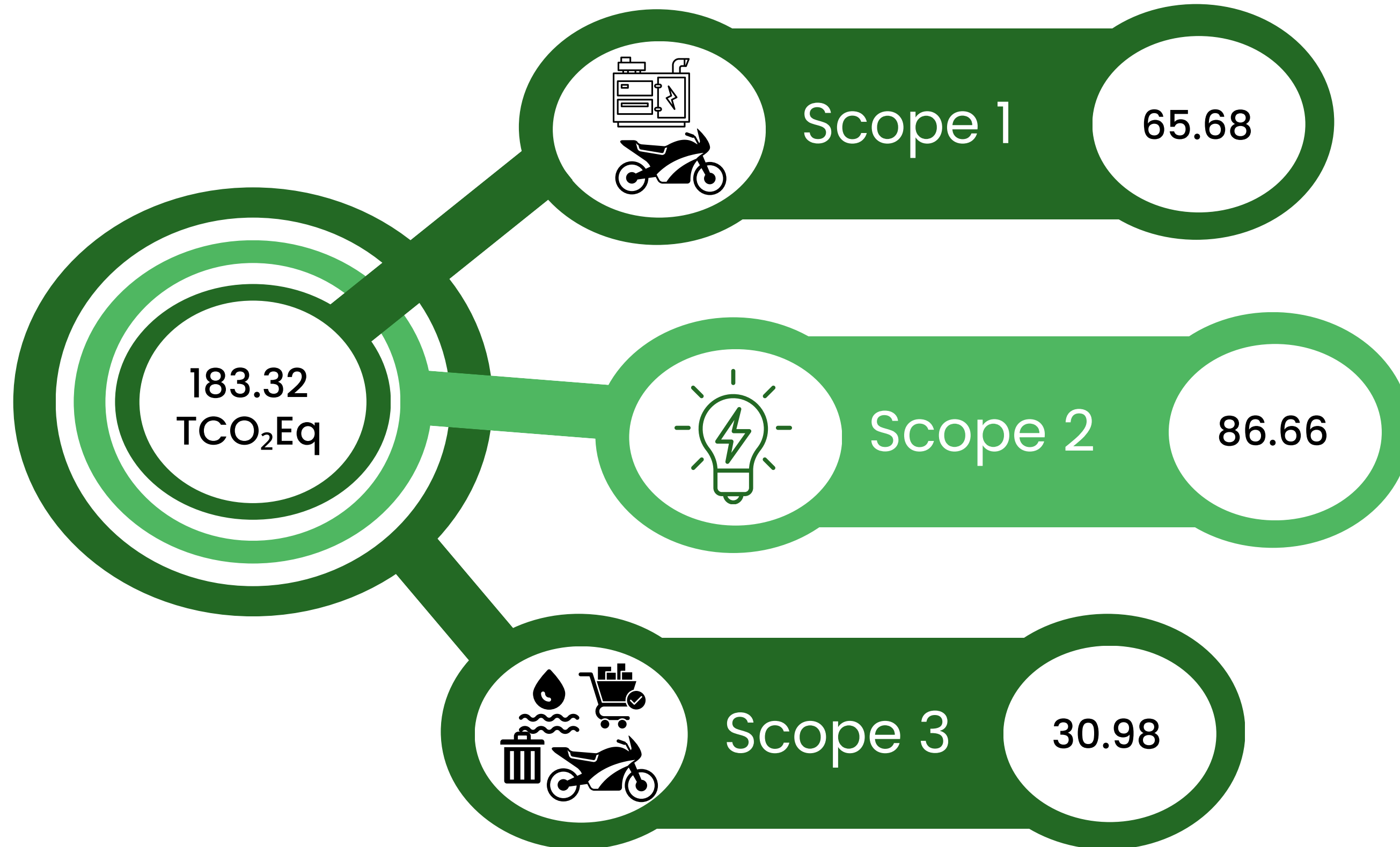
Total GHG Emission TCO₂Eq

Reporting Period
Year 2024



Total GHG Emission TCO₂Eq

Reporting Period
Year 2025





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SURAT – 395007. INDIA

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