Greenr Logo

DEKI ELECTRONICS LTD

GHG Emissions Report

2025-04-01 to

2026-03-31

Analysed by Fitsol

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Data Ingestion Assumptions & Defaults

The following default values and assumptions are applied during data ingestion to ensure completeness when source data contains gaps:

Date Range:
When only a single date is provided but a date range is required, the same date is used as both the start date and end date. Where applicable, the end date defaults to the last day of the respective month.

Vehicle Type & GVW:
When vehicle type is unspecified, the default "Truck" is assigned. If vehicle type and Gross Vehicle Weight (GVW) cannot be identified, both are estimated based on shipment weight. Each data row is treated as a separate independent shipment.

Transport Mode:
When the mode of transport is unspecified, it is assigned based on shipment geography — "Road" for domestic shipments and "Sea" for international shipments.

Scope 3 Defaults:
When partner/supplier name or product description is unavailable in Scope 3 data, the default value "Others" is assigned to maintain categorization and data integrity.

Facility:
When facility or location information is not provided, the organization's Headquarters (HQ) is assigned as the default facility for attribution.

Upstream Transport Cost (Purchased & Capital Goods):
For purchased goods and capital goods, when upstream transportation cost is included but the specific transportation percentage is not specified, a default allocation of **5%** is applied to calculate upstream transportation emissions. When upstream cost is not included, emissions are attributed directly to the respective goods category.

Company Profile

Company Sector

Industrials

Location

Uttar Pradesh

Number of Employees

760

FY 2025-26 Revenue

₹1,827,488,289

Overview

Emissions Breakdown

Total emissions released by firm from direct and indirect activities undertaken by the firm for reported period in FY 2025 - 2026.

107.66 tCO_2e
Scope 1

2767.23 tCO_2e
Scope 2

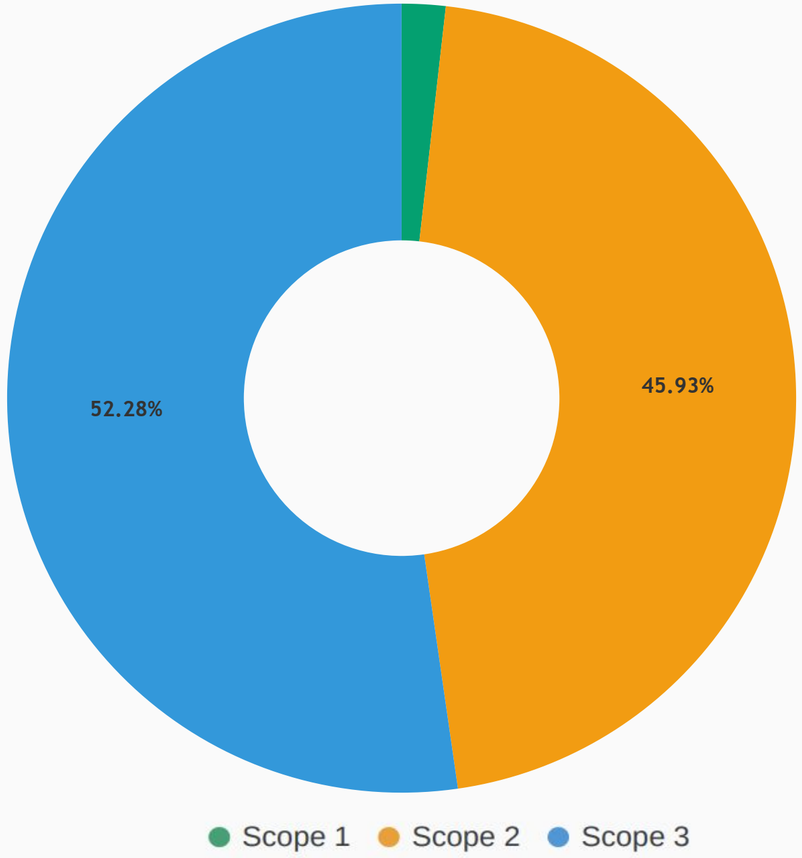
3149.5 tCO_2e
Scope 3

Emission Intensity

7.93 tCO_2e
Per Employee

329.65 $kgCO_2e$
Per ₹100,000

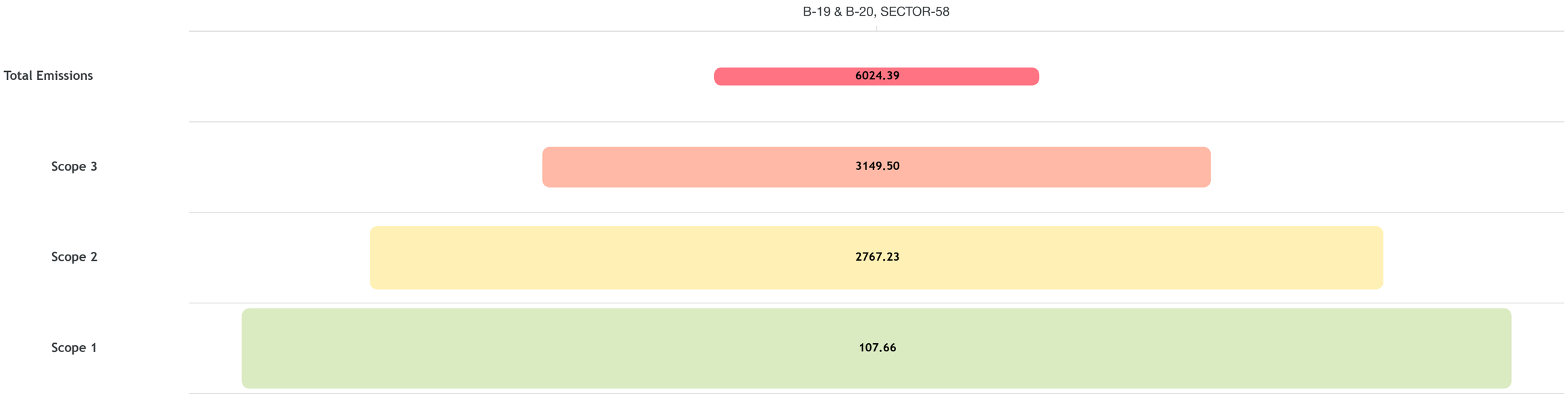
Note:
Emission estimations are only as accurate as the data provided. Fitsol has relied on data provided by the company and is not responsible for any inaccuracies or errors contained therein. Scope 3 estimations are only available for selected categories.



Note: Minimal values may not be clearly visible in the donut chart visualization.

Overview - Across Facilities

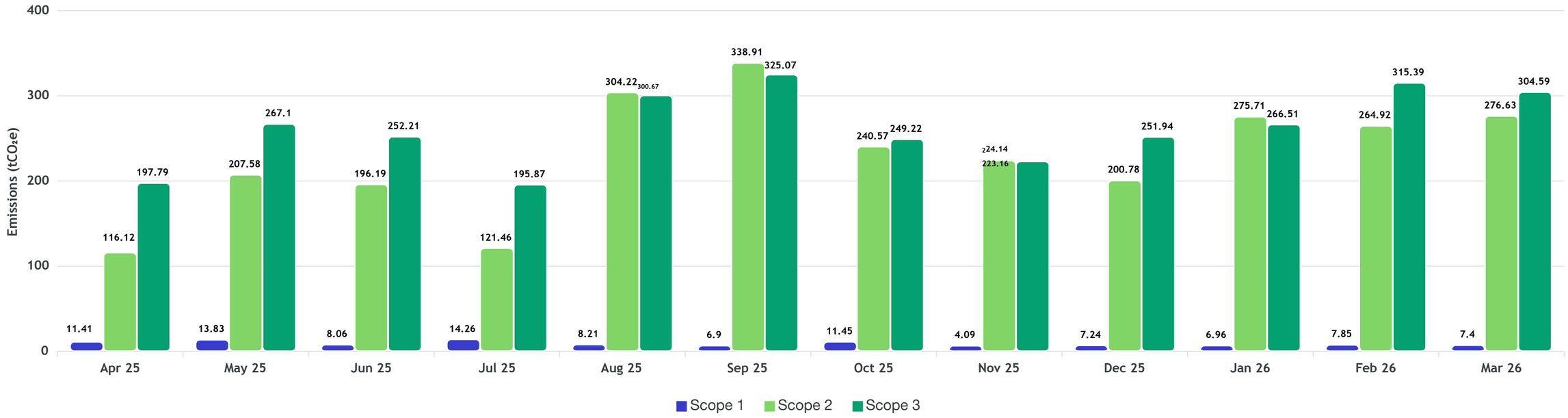
Emissions Heatmap



All values are in tCO_2e. Values shown as 0.00 may represent negligible emissions, not absolute zero.

Overview - B-19 & B-20, SECTOR-58

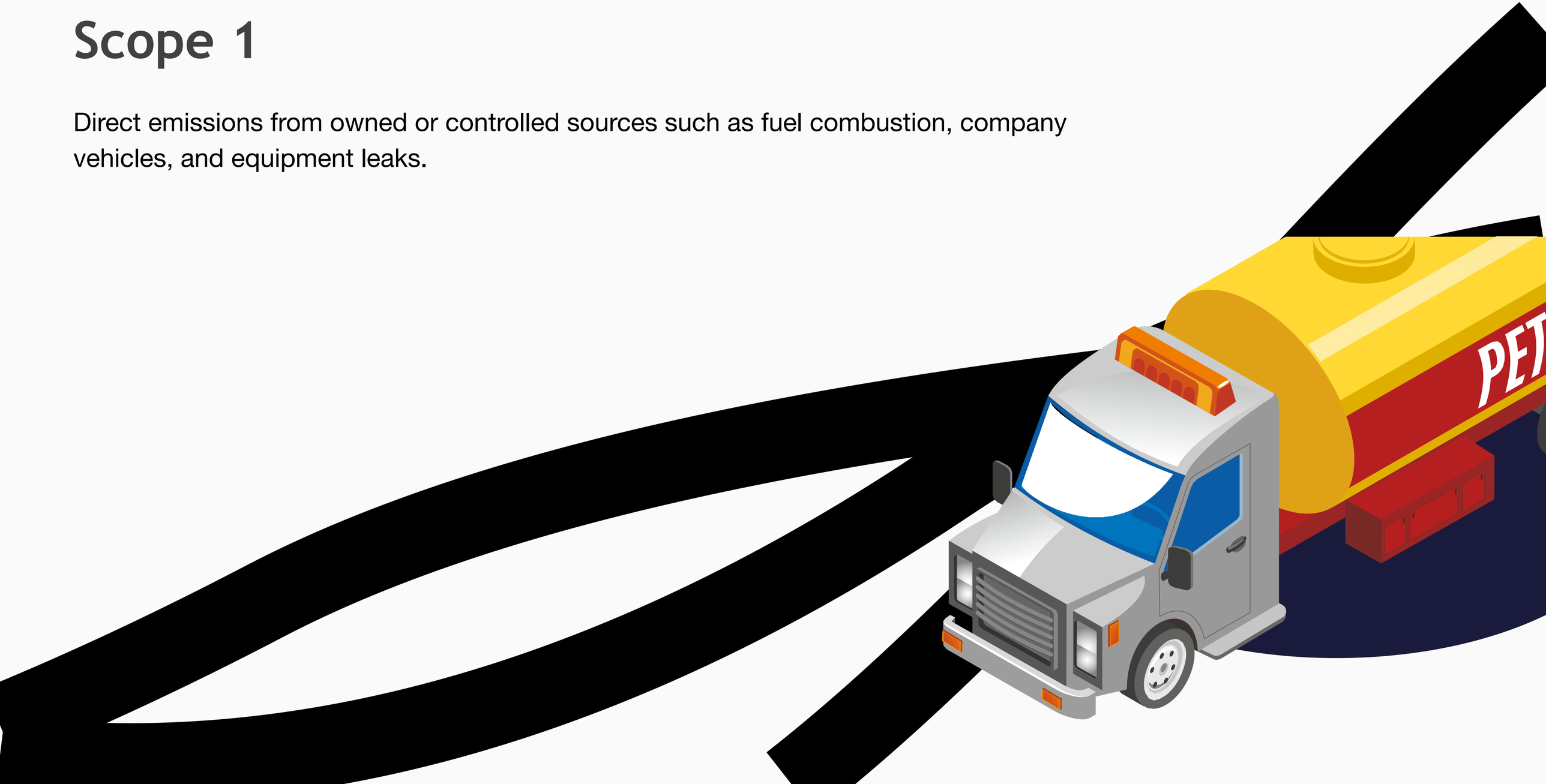
Month on Month Comparison



All values are in tCO_2e

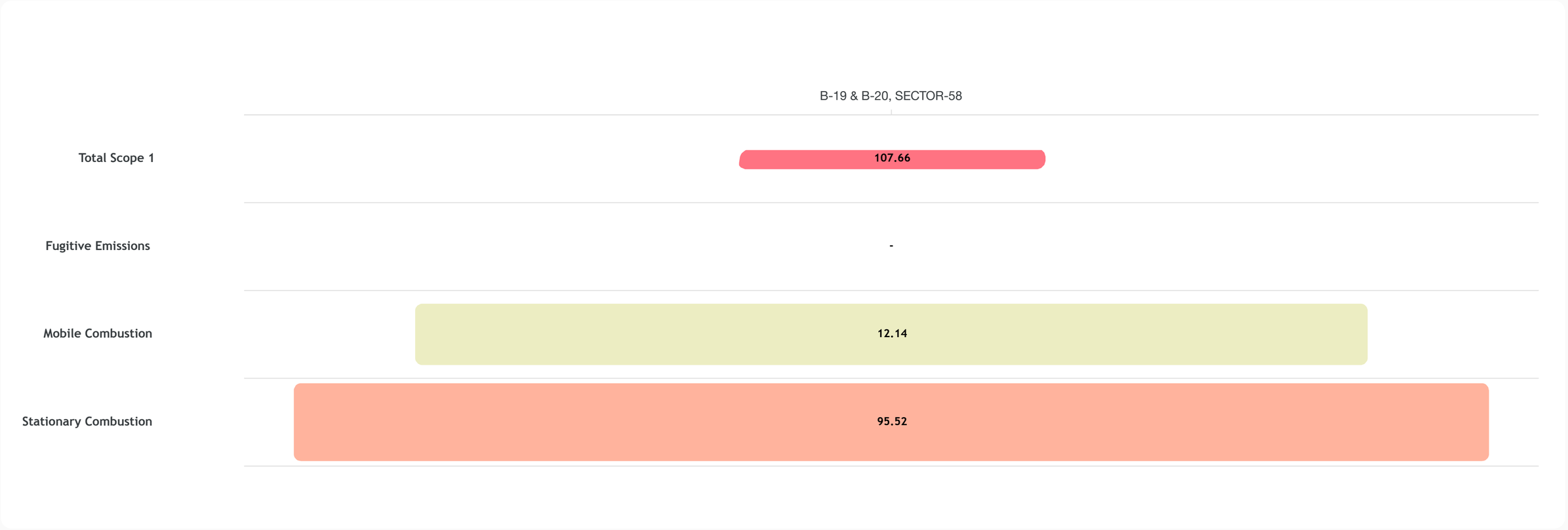
Scope 1

Direct emissions from owned or controlled sources such as fuel combustion, company vehicles, and equipment leaks.



Scope 1 - Across Facilities

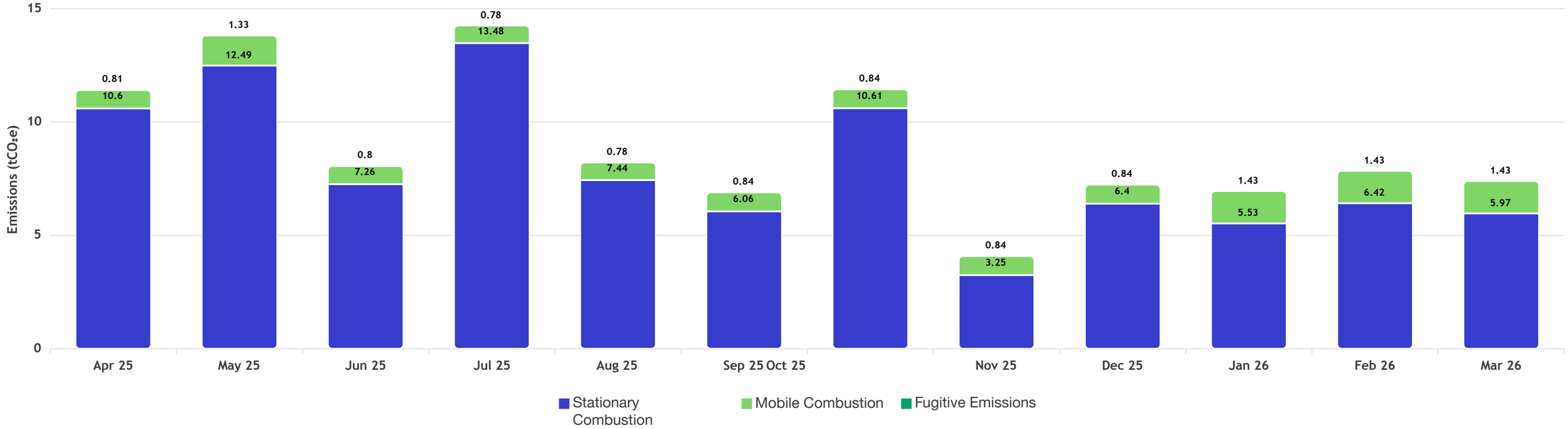
Emissions Heatmap



All values are in tCO_2e. Values shown as 0.00 may represent negligible emissions, not absolute zero.

Scope 1 - Category Trend Across Assessment Period

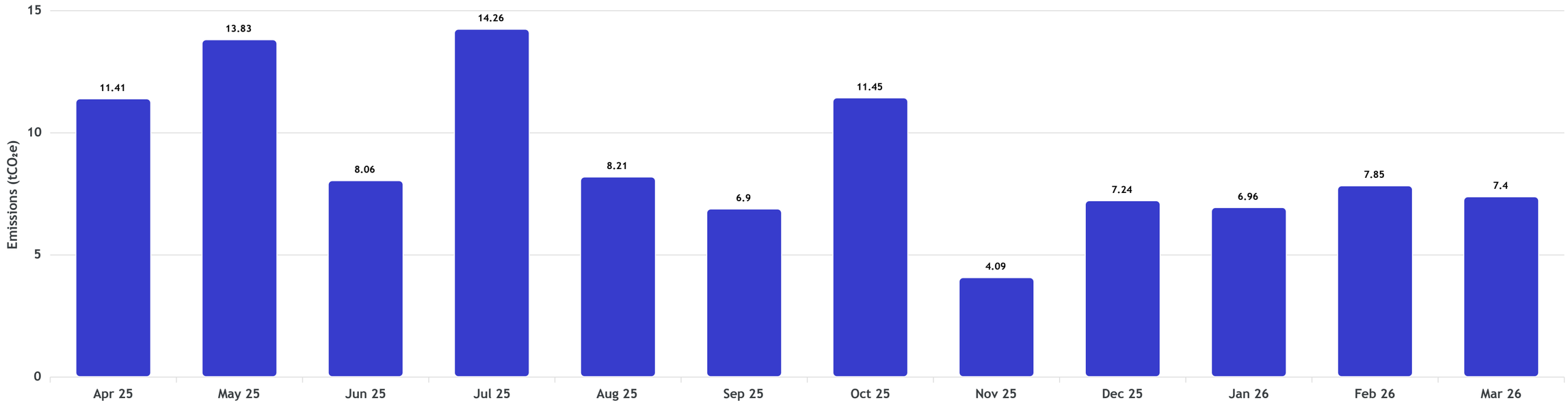
Emissions Breakdown



All values are in tCO_2e

Scope 1 - B-19 & B-20, SECTOR-58

Emissions Breakdown



All values are in tCO_2e

Scope 1

Stationary Combustion

Total Emissions

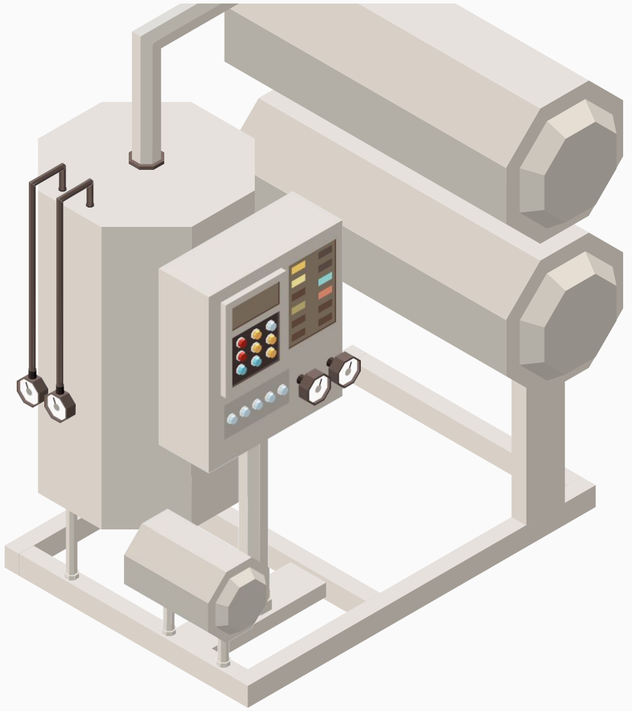
95.52 tCO_2e

88.72% of Scope 1

Highest Emitting Fuel Type

48.97 tCO_2e

Diesel - 100% mineral diesel

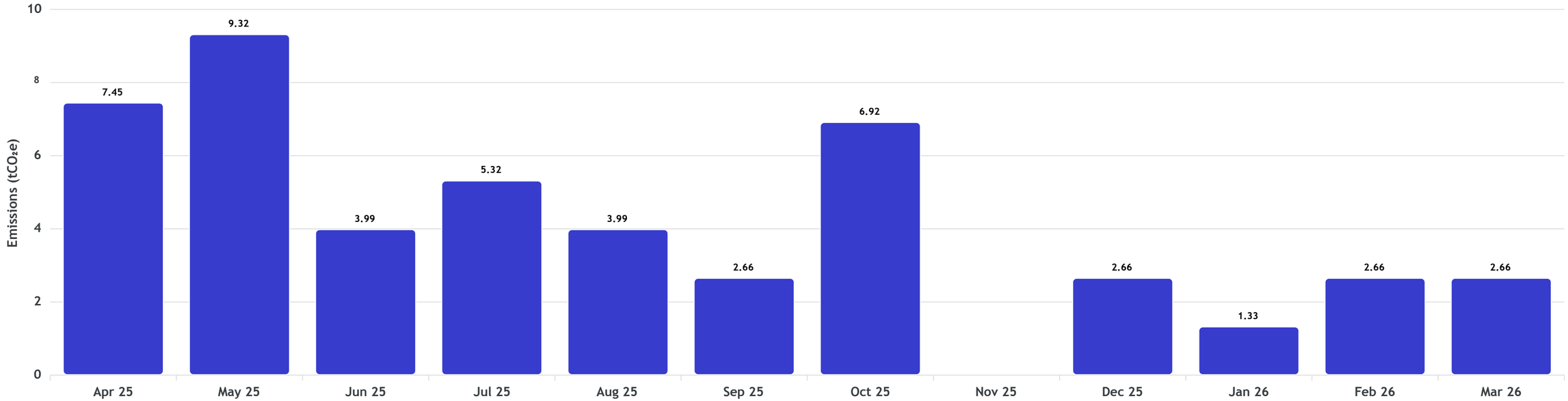


Note:

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Stationary Combustion - B-19 & B-20, SECTOR-58

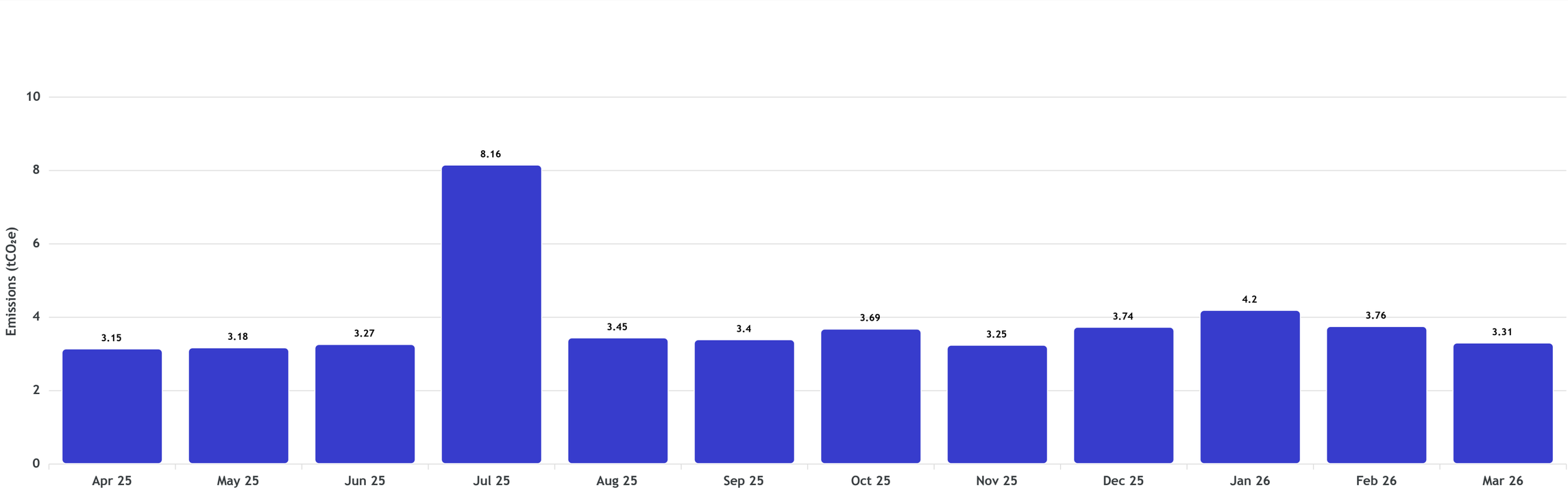
Emissions from Diesel - 100% mineral diesel



All values are in tCO_2e

Stationary Combustion - B-19 & B-20, SECTOR-58

Emissions from Natural gas - 100% mineral blend



All values are in tCO_2e

Scope 1

Mobile Combustion

Total Emissions

12.14 tCO_2e

11.28% of Scope 1

Highest Emitting Fuel Type

12.14 tCO_2e

Diesel - 100% mineral diesel

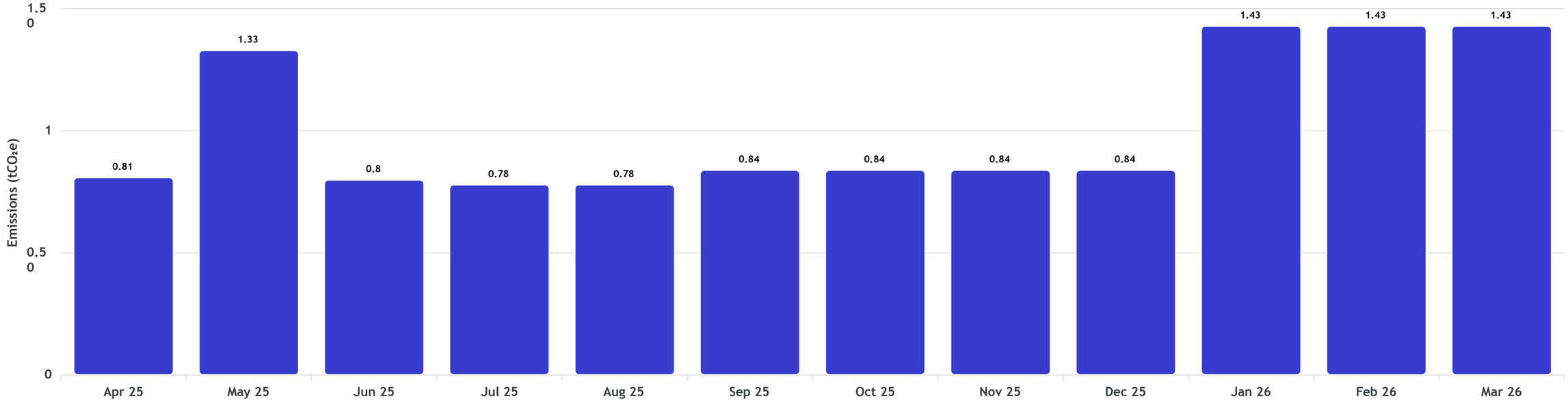


Note:

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Mobile Combustion - B-19 & B-20, SECTOR-58

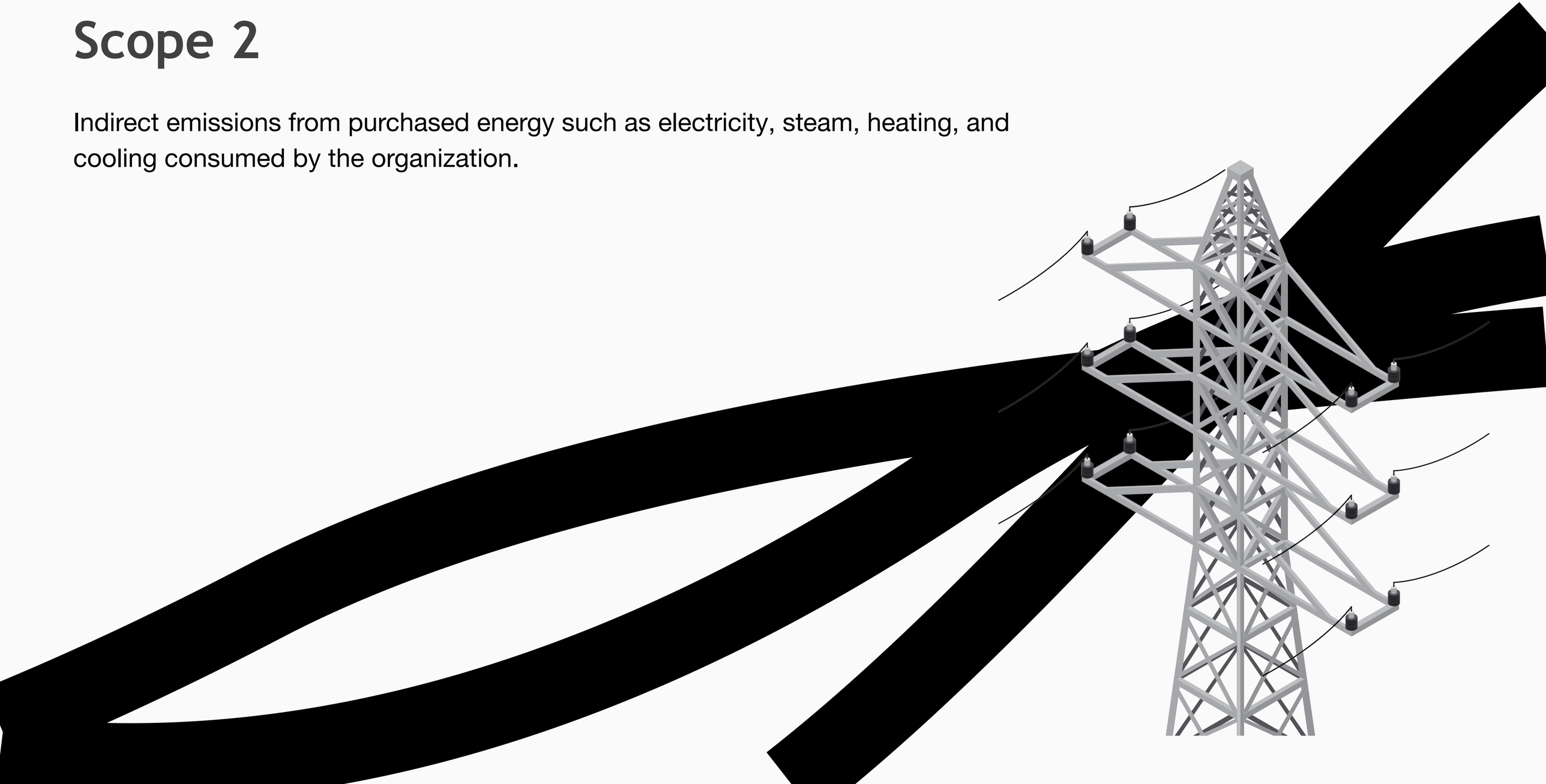
Emissions from Diesel - 100% mineral diesel



All values are in tCO_2e

Scope 2

Indirect emissions from purchased energy such as electricity, steam, heating, and cooling consumed by the organization.



Scope 2

Emissions Breakdown

Total Emissions

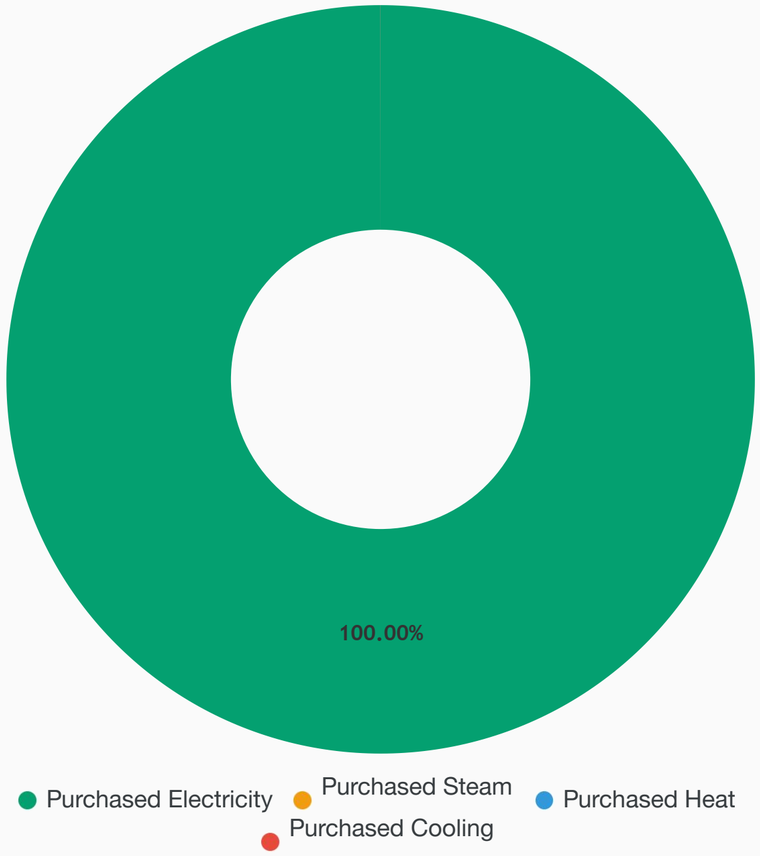
2767.23 tCO_2e
Purchased Electricity

0 $kgCO_2e$
Purchased Steam

0 $kgCO_2e$
Purchased Heat

0 $kgCO_2e$
Purchased Cooling

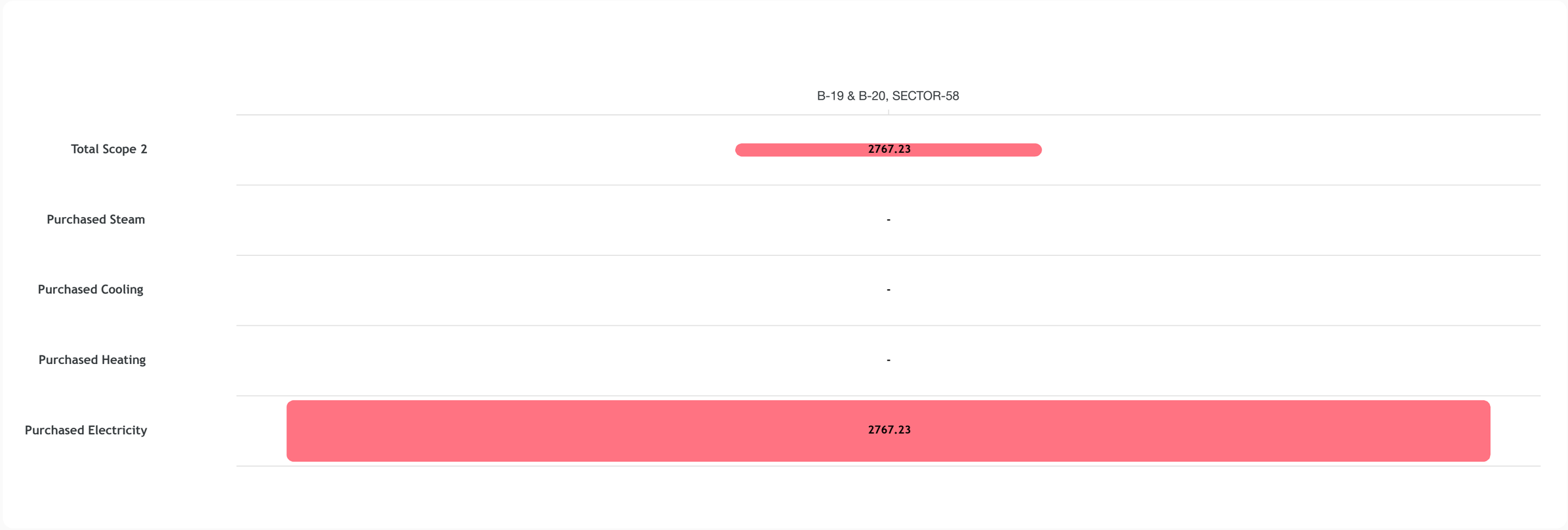
Note:
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Note: Minimal values may not be clearly visible in the donut chart visualization.

Scope 2 - Across Facilities

Emissions Heatmap



All values are in tCO_2e. Values shown as 0.00 may represent negligible emissions, not absolute zero.

Scope 2 - Category Trend Across Assessment Period

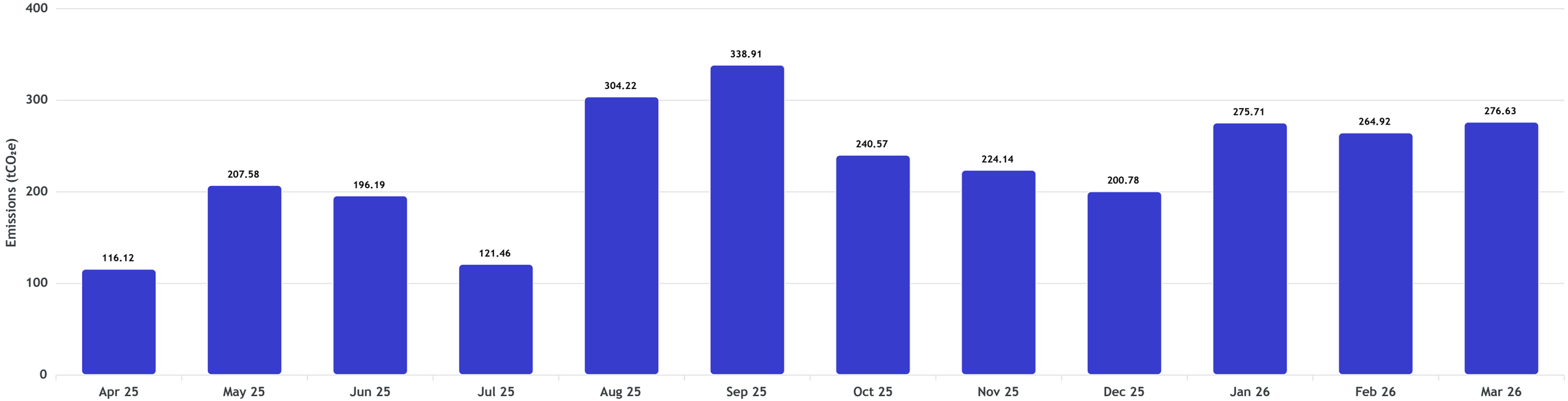
Emissions Breakdown



All values are in tCO_2e

Scope 2 - B-19 & B-20, SECTOR-58

Emissions Breakdown



All values are in tCO_2e

Scope 2

Purchased Electricity

Emissions from the generation of electricity purchased and consumed by the organization. Grid Electricity

2767.23 tCO_2e

100% of Scope 2

Renewable Electricity

0 $kgCO_2e$

0% of Scope 2



Note:
Emission estimations are only as accurate as the data provided. Fitsol has relied on data provided by the company and is not responsible for any inaccuracies or errors contained therein. Scope 3 estimations are only available

Purchased Electricity

Electricity consumption by source

Grid Electricity

3,897,502

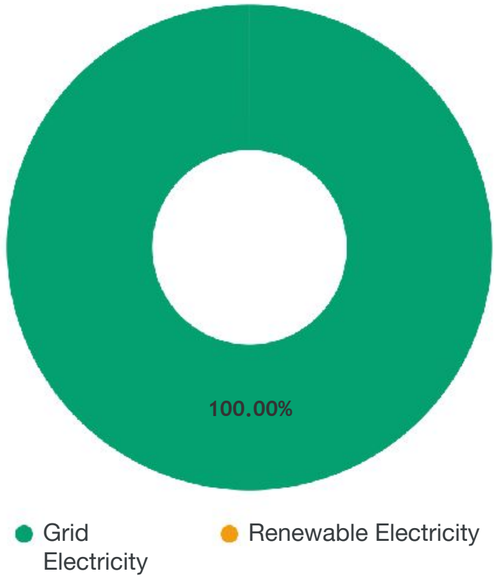
kWh

100% of total

Renewable Electricity

0 kWh

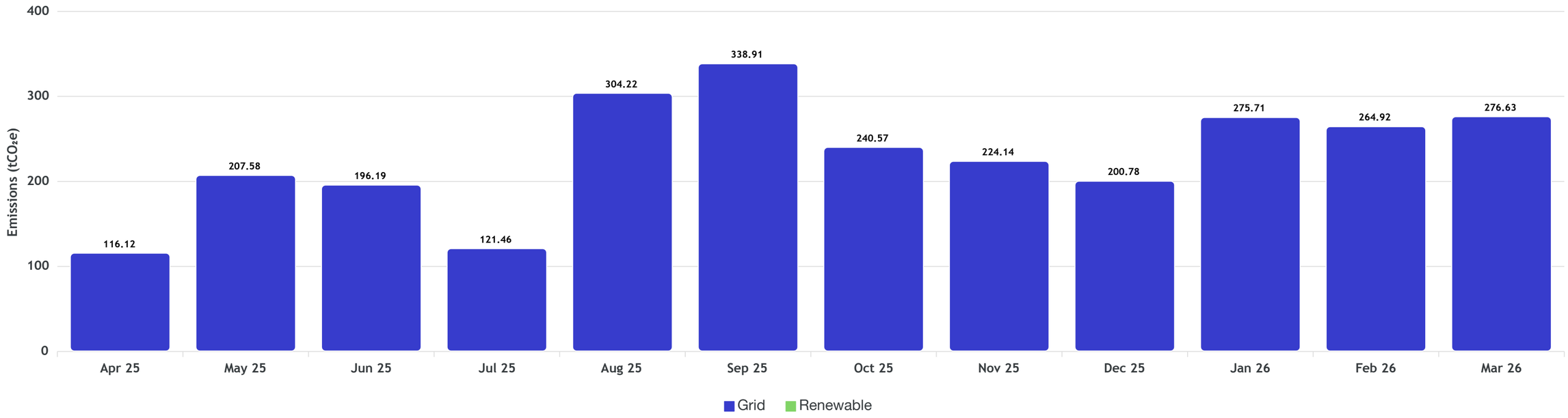
0% of total



All values are in kWh and percentage (%)

Purchased Electricity - B-19 & B-20, SECTOR-58

Emissions Breakdown by Electricity Type



All values are in tCO_2e

Scope 3

Indirect greenhouse gas (GHG) emissions from sources not owned or directly controlled by a company, but that result from its activities throughout its value chain, including upstream and downstream



Scope 3

Scope 3 Breakdown

Top Categories

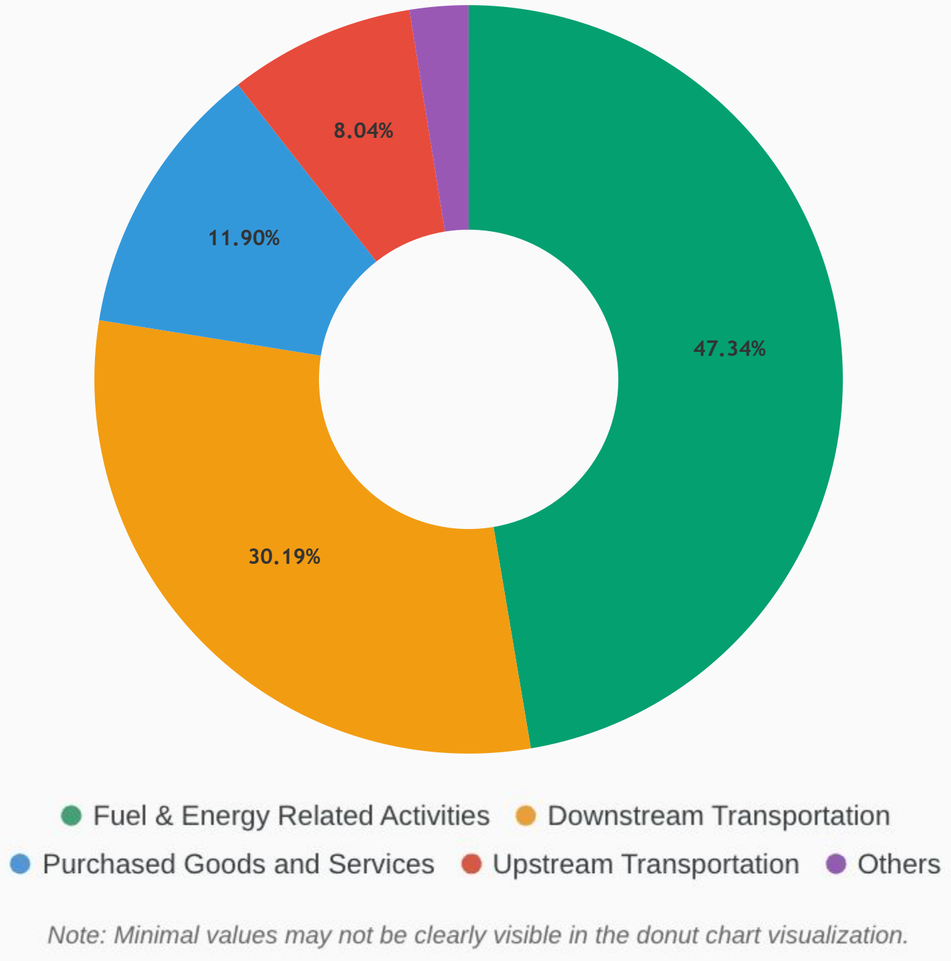
1490.94 tCO_2e
Fuel & Energy Related Activities

950.77 tCO_2e
Downstream Transportation

374.89 tCO_2e
Purchased Goods and Services

253.11 tCO_2e
Upstream Transportation

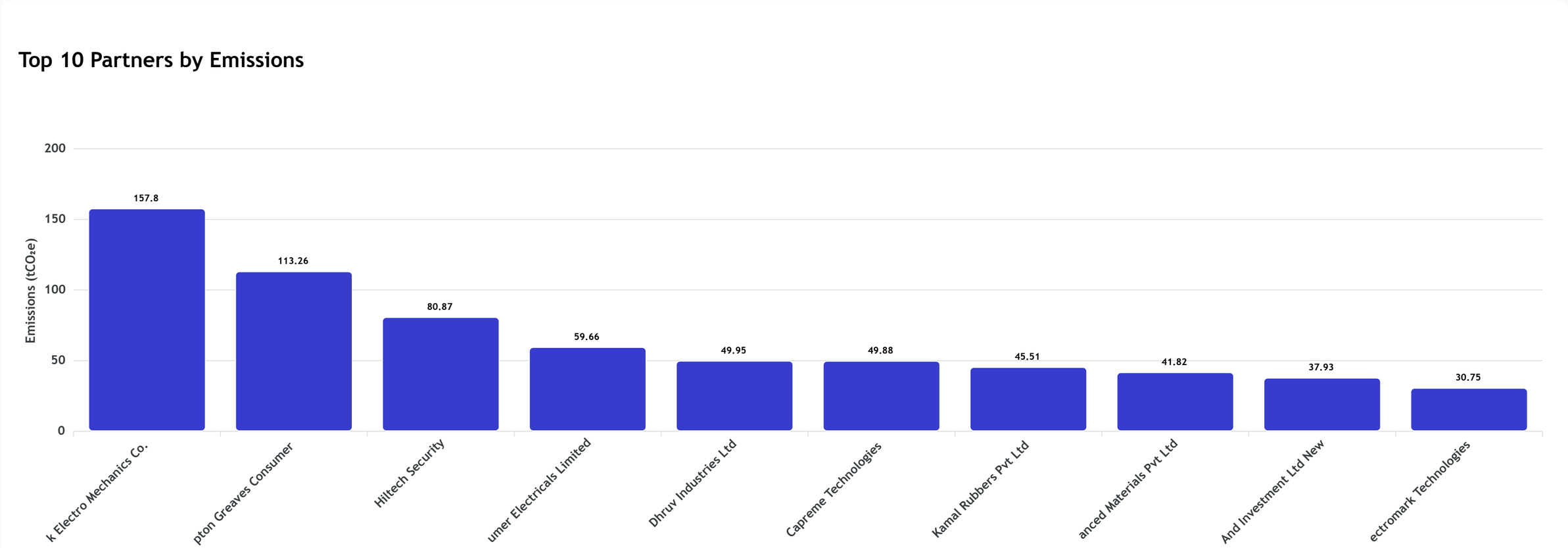
Note:
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Note: Minimal values may not be clearly visible in the donut chart visualization.

Scope 3

Top 10 Suppliers by Emissions



All values are in tCO_2e.

Scope 3

Fuel & Energy Related Activities

Emissions from upstream fuel and energy-related activities including extraction, production and transportation of fuels and energy consumed by the organization.

Total Emissions

1490.94 tCO_2e

47% of Scope 3

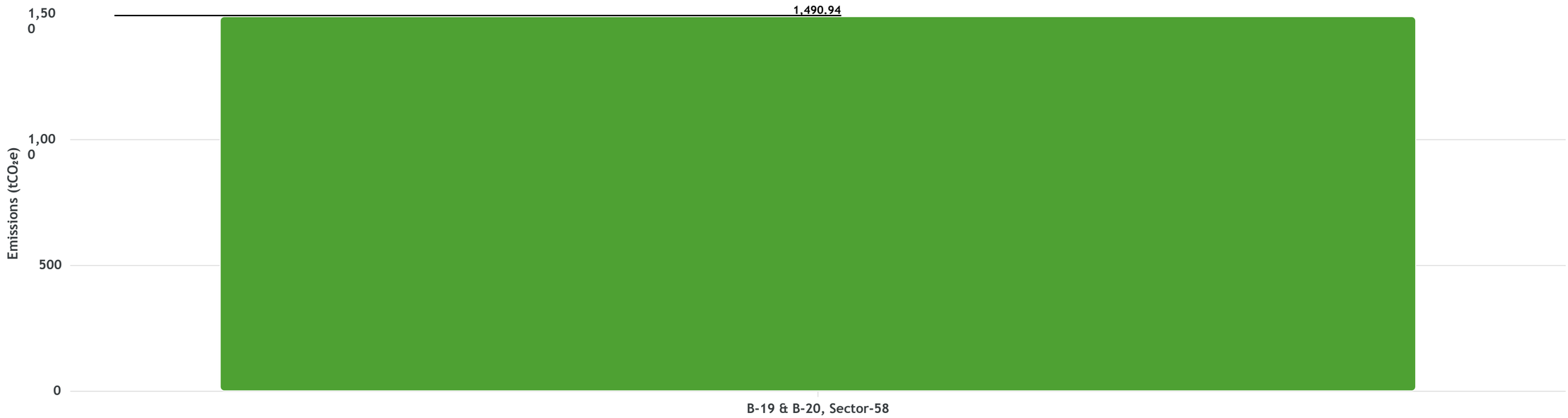
Note:

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Fuel & Energy Related Activities

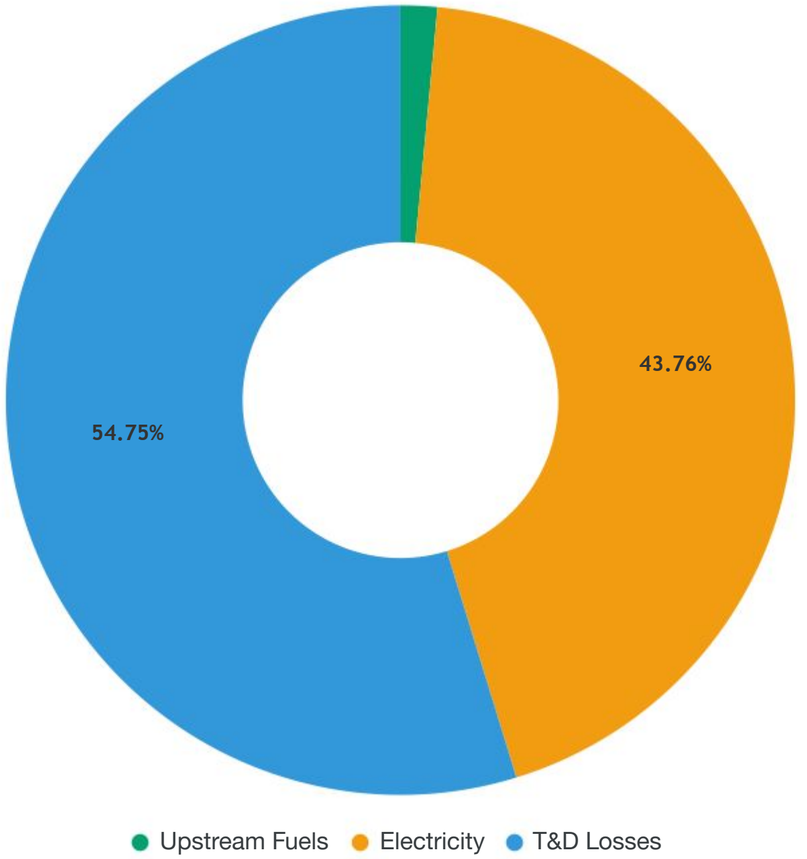
Emissions Across Facilities



All values are in tCO_2e.

Fuel & Energy Related Activities

Emissions by Energy Category



Scope 3

Logistics

This includes Upstream Transportation & Downstream Transportation.

Upstream Transportation: Third-party transportation emissions between suppliers and company operations.

Downstream Transportation: Emissions from third-party transportation after product sale to customers.



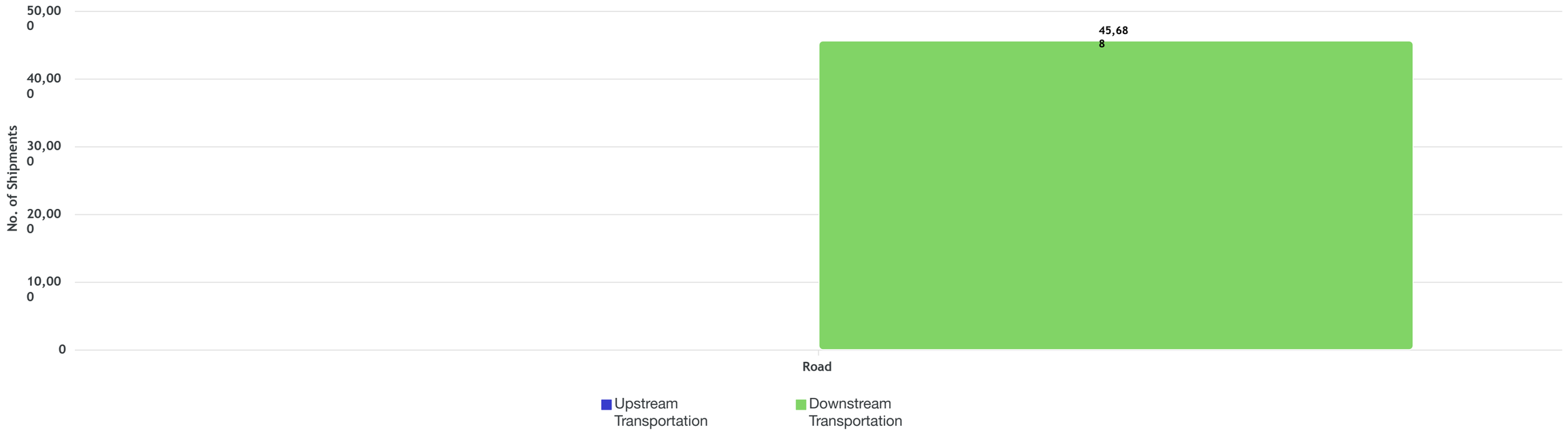
Upstream & Downstream Transportation

253.11_{tCO_2e}	950.77_{tCO_2e}
Upstream: 8.04% of Scope 3	Downstream: 30% of Scope 3

Note: Emission estimations are only as accurate as the data provided. Fitsol has relied on data provided by the company and is not responsible for any inaccuracies or errors contained therein. Scope 3 estimations are only available for selected categories.**These calculation results have been established in accordance with ISO 14083:2023.**

Logistics

Shipment Count by Transport Mode



Logistics

Logistics Emissions Overview

Total Emissions

1203.88 tCO_2e

Total Emissions

253.11 tCO_2e

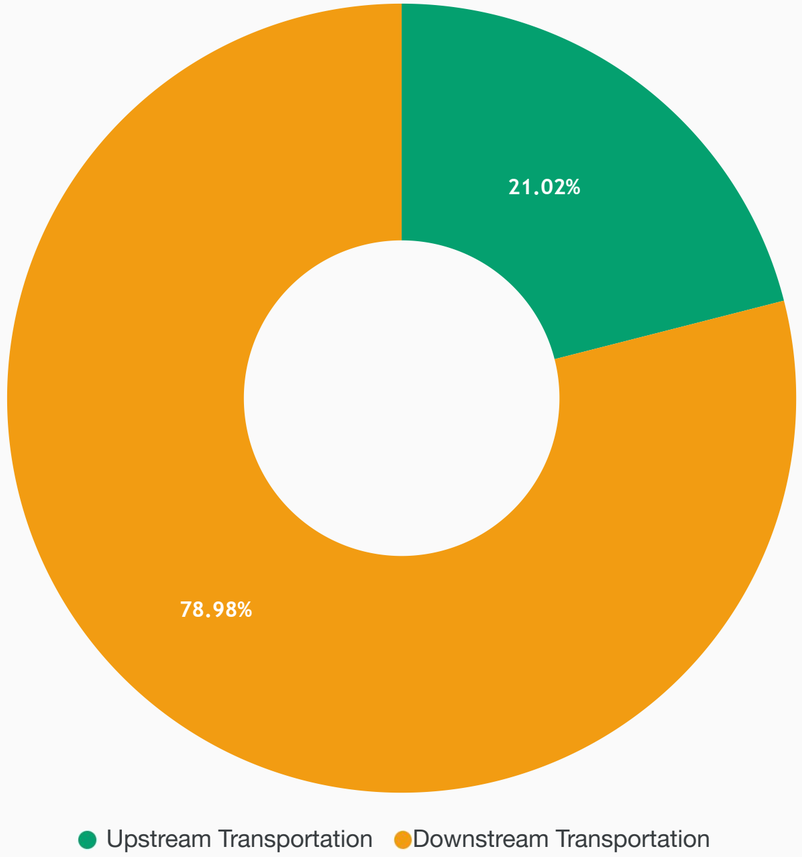
Upstream Transportation

950.77 tCO_2e

Downstream Transportation

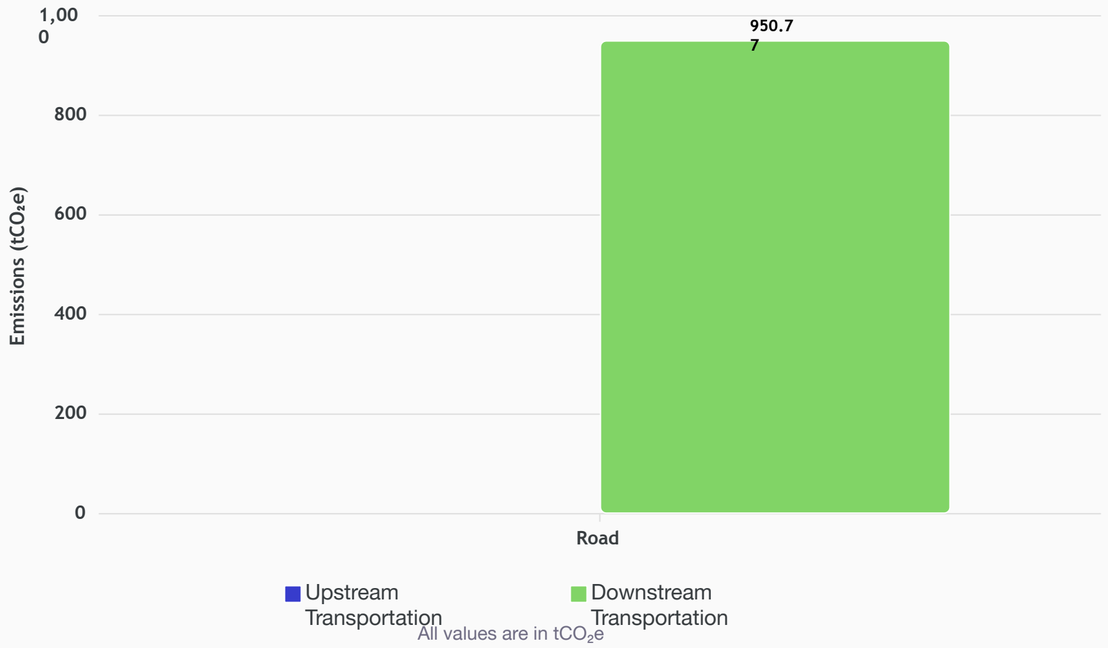
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These calculation results have been established in accordance with ISO 14083:2023.



Note: Minimal values may not be clearly visible in the donut chart visualization.

Emissions Breakdown by Transport Mode

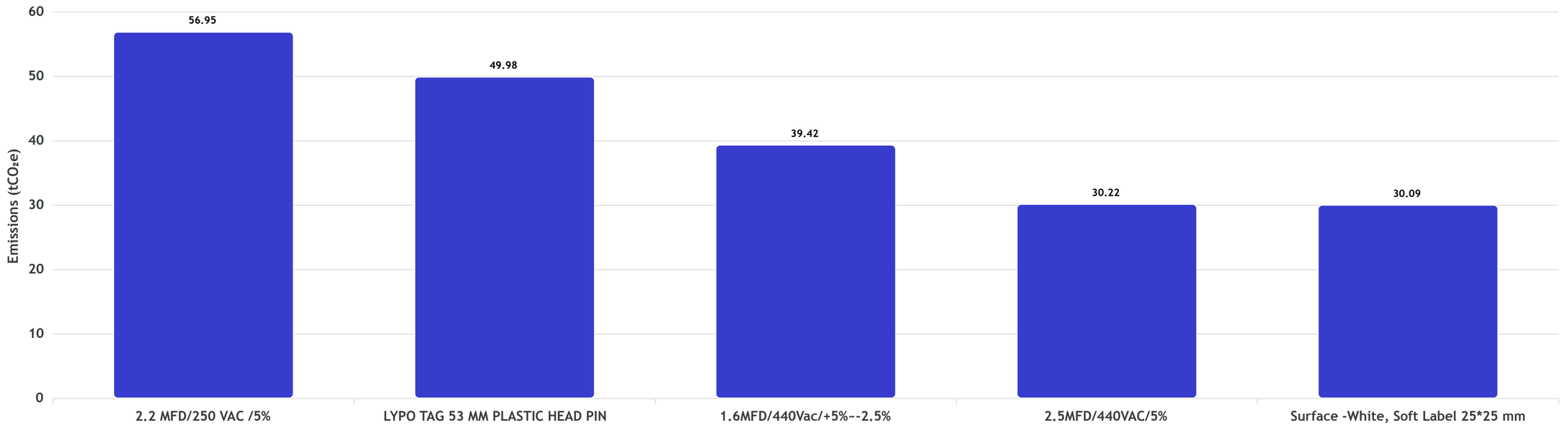


Your logistics operations generated approximately **951 tCO_2e** in the analyzed period, with emissions highly concentrated in specific transport modes and routes:

Transport Mode	Emissions in tCO_2e	% of Total	Shipments	Emission Intensity (gCO_2e/tonne-km)
Road	951	100%	45,688	512.98

Logistics

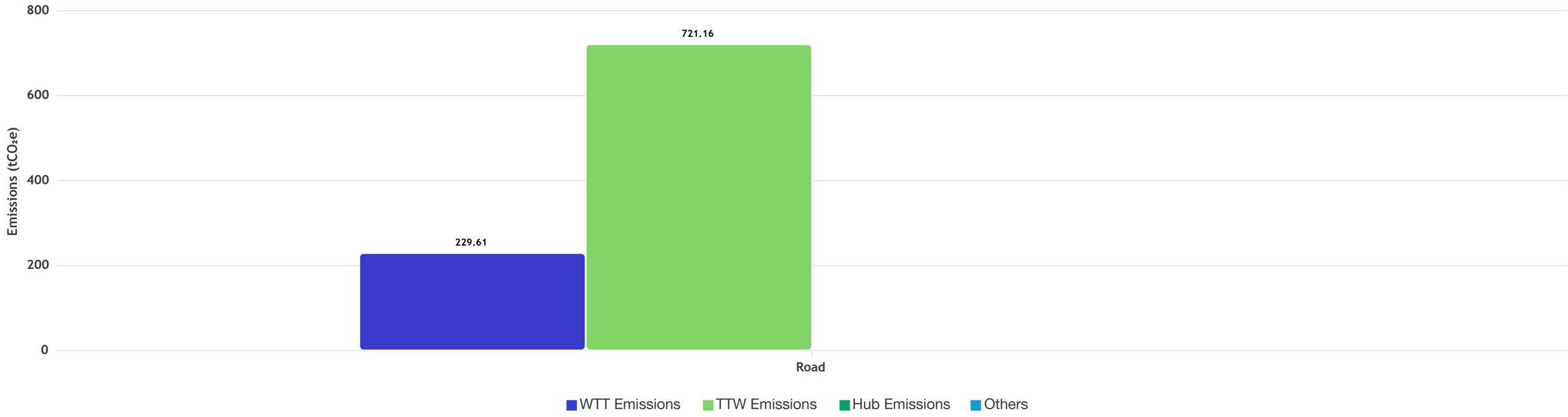
Top Products by Emissions



All values are in tCO_2e.

Logistics

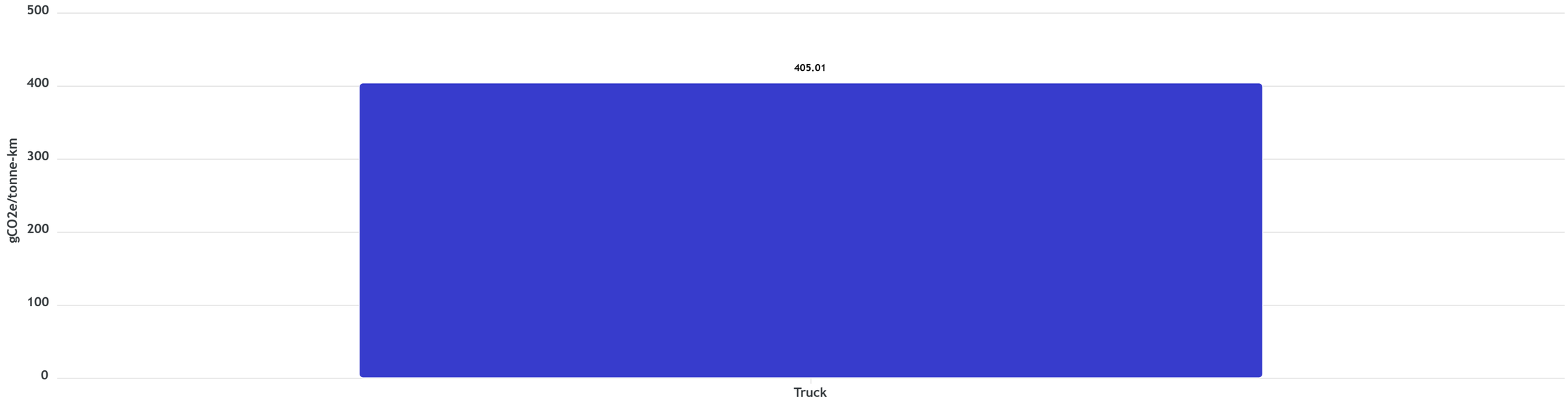
Emissions by Shipment Lifecycle Stage



All values are in tCO_2e. **Others emissions** include those not categorized under well-to-tank, tank-to-wheel, or hub operations (e.g., fugitive emissions).

Logistics

Emission Intensity by Transport Submode



All values are in gCO2e/tonne-km. **Note:** Where specific vehicle type data is unavailable, **"Truck"** has been applied as the default classification.

Scope 3

Purchased Goods and Services

Emissions from producing goods/services

(cradle-to-gate) Total Emissions

374.89 tCO_2e

12% of Scope 3

Note:

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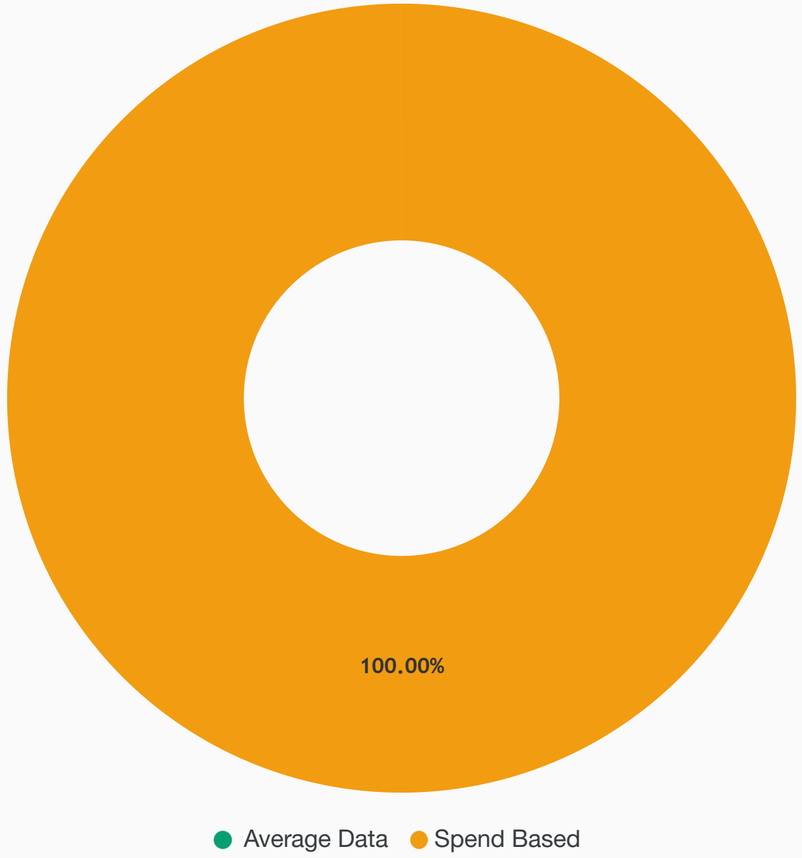
Purchased Goods and Services

Emissions by Calculation Method

374.89 tCO_2e
Spend Based

0 tCO_2e
Average Data

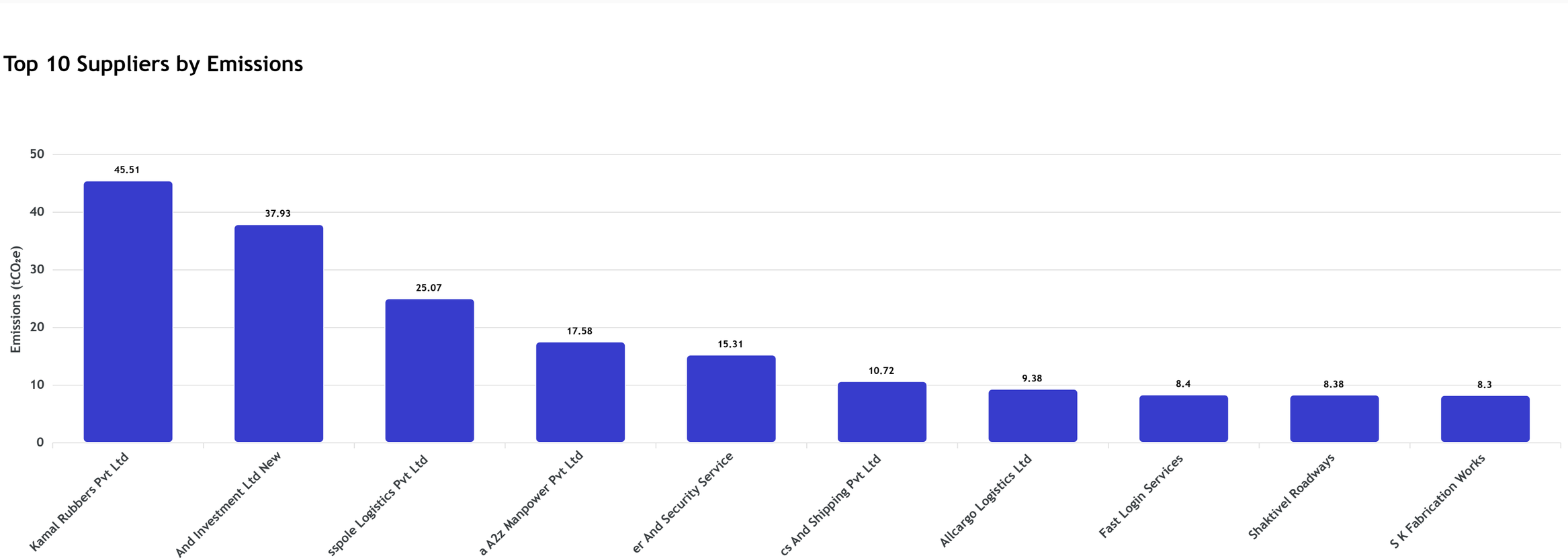
Note:
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Note: Minimal values may not be clearly visible in the donut chart visualization.

Purchased Goods and Services

Top 10 Suppliers by Emissions



All values are in tCO_2e.

Scope 3

Capital Goods

Emissions from manufacturing capital goods (fixed assets). Total Emissions

32.55 tCO_2e

1% of Scope 3

Note:

Emission estimations are only as accurate as the data provided. Fitsol has relied on data provided by the company and is not responsible for any inaccuracies or errors contained therein. Scope 3 estimations are only available for selected categories.



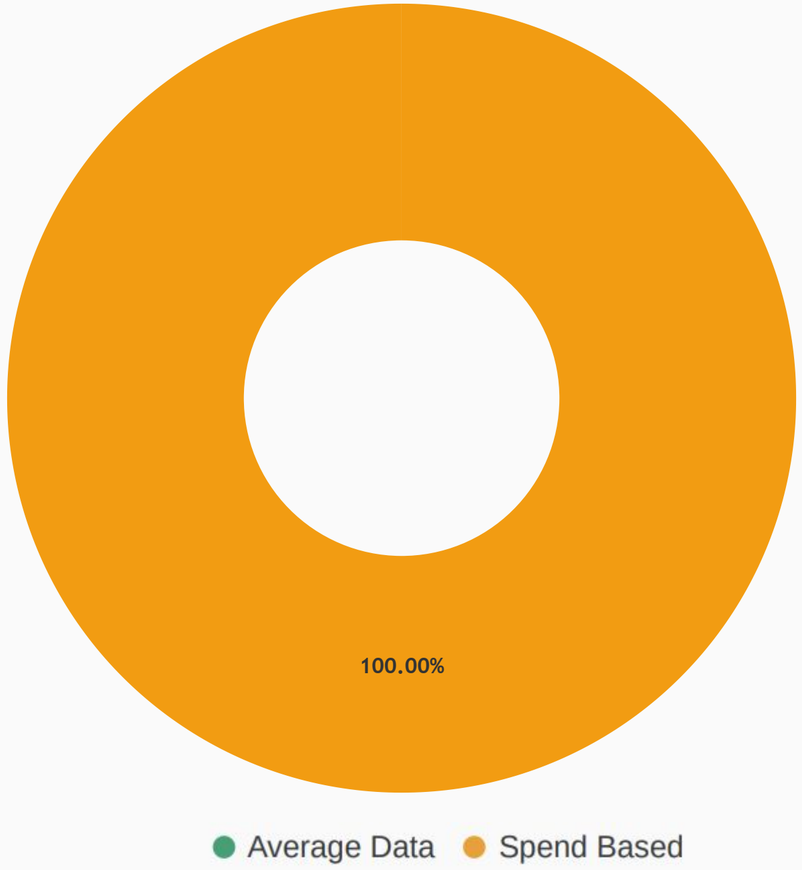
Capital Goods

Emissions by Calculation Method

32.55 tCO_2e
Spend Based

0 tCO_2e
Average Data

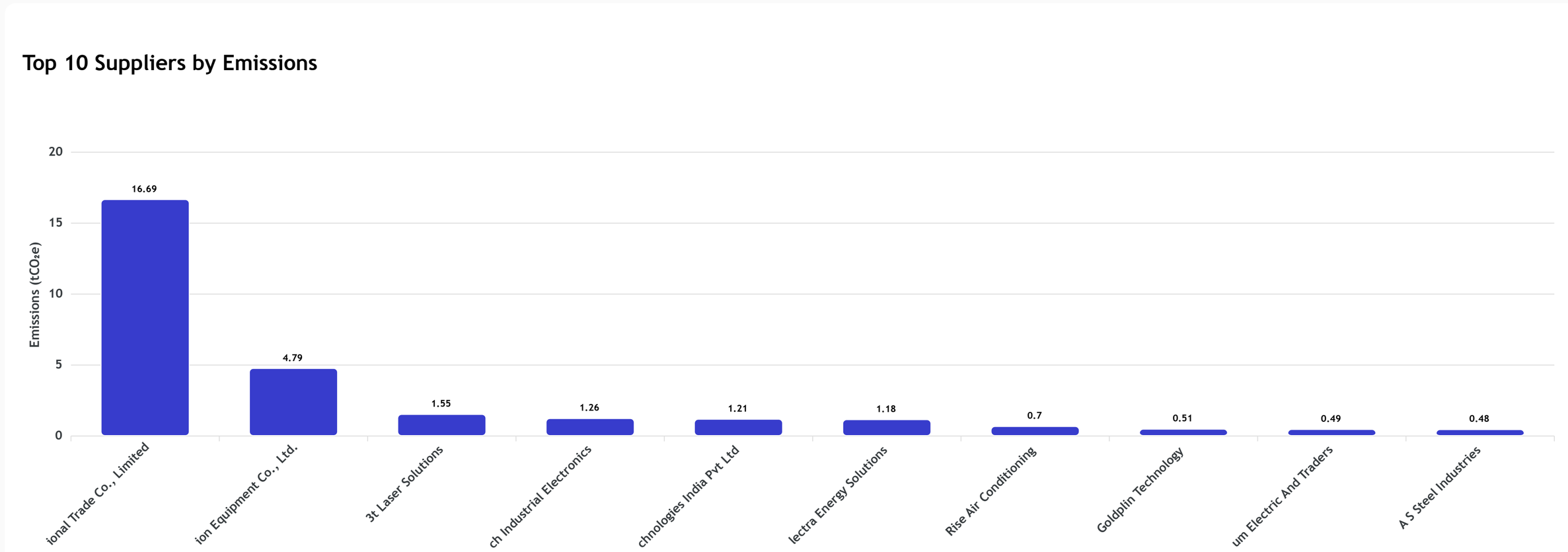
Note:
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Note: Minimal values may not be clearly visible in the donut chart visualization.

Capital Goods

Top 10 Suppliers by Emissions



All values are in tCO_2e.

Scope 3

Business Travel

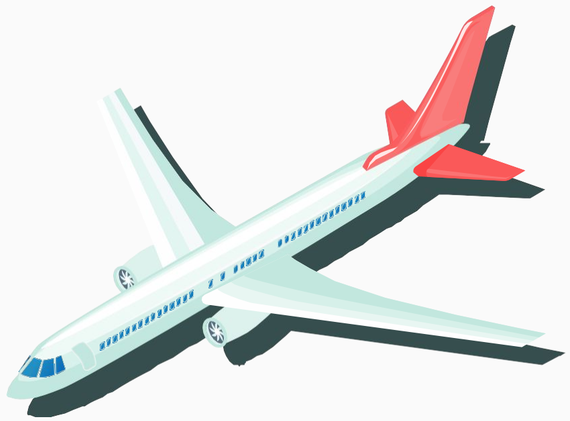
Emissions from business travel activities including transportation by road, rail, air, and sea. Total Emissions

45.48 tCO_2e

1% of Scope 3

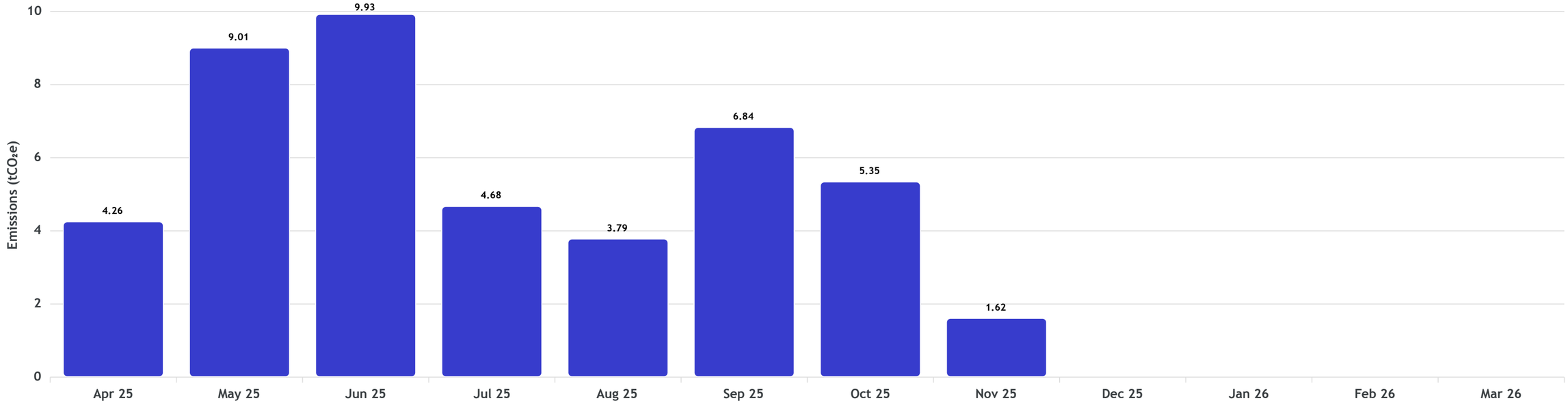
Note:

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Business Travel

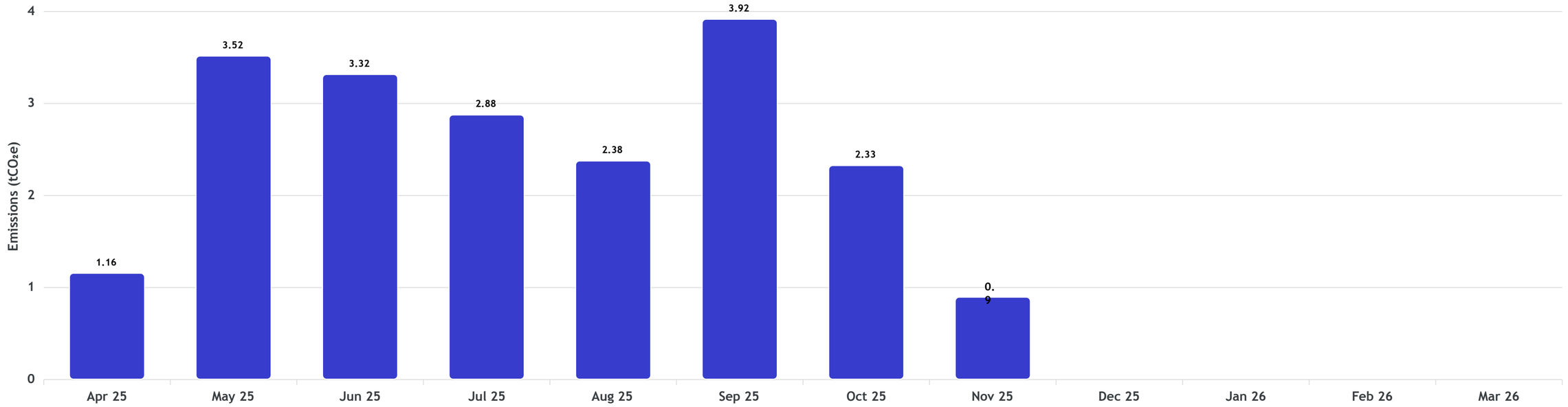
Emissions Trend Over Time



All values are in tCO_2e.

Business Travel

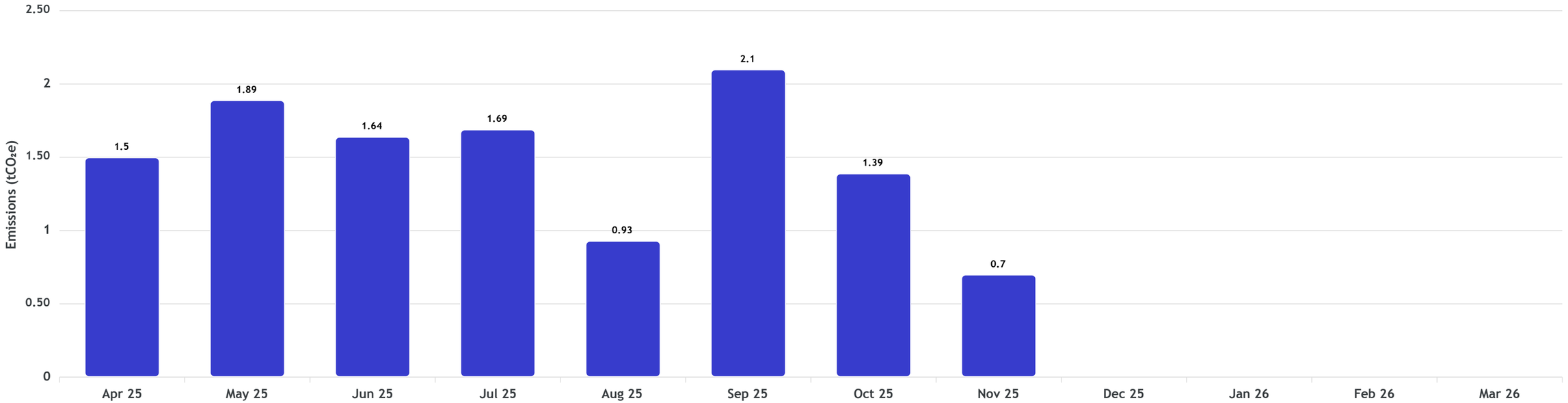
Emissions by Road



All values are in tCO_2e.

Business Travel

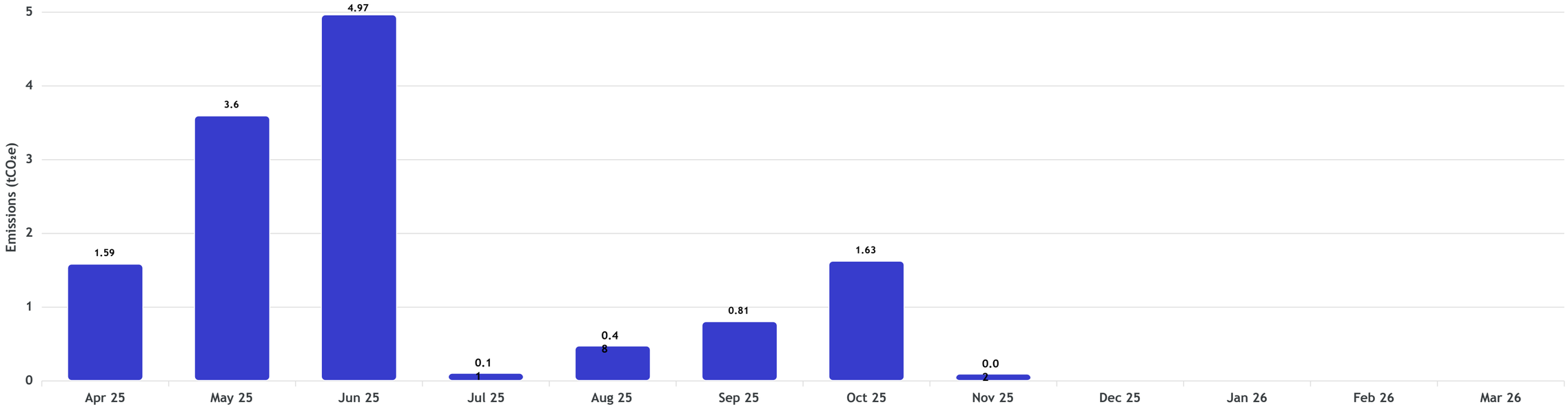
Emissions by Rail



All values are in tCO_2e.

Business Travel

Emissions by Air



All values are in tCO_2e.

Scope 3

Waste Generated in Operations

Emissions from disposal/treatment of operational waste by third parties. Total Emissions

1.76 tCO_2e

< 1% of Scope 3

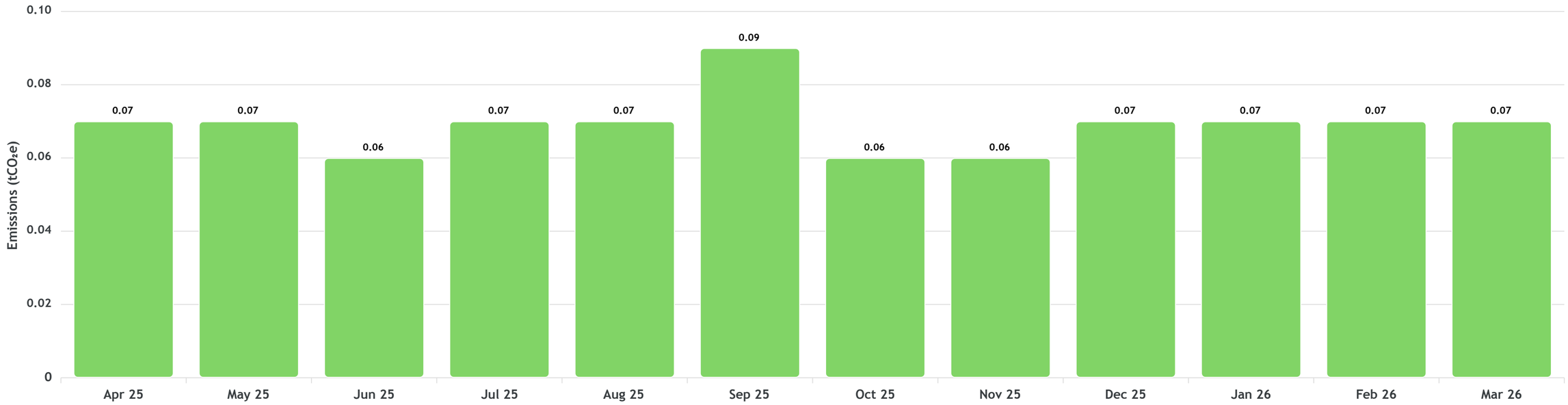
Note:

Emission estimations are only as accurate as the data provided. Fitsol has relied on data provided by the company and is not responsible for any inaccuracies or errors contained therein. Scope 3 estimations are only available for selected categories.



Waste - Metal Waste

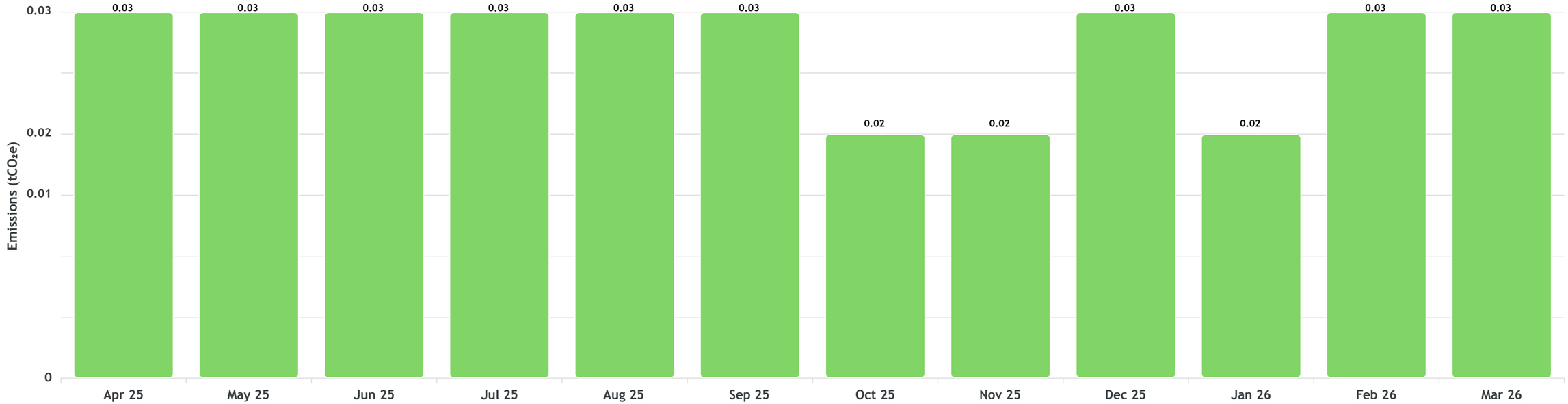
Emissions Trend Over Time



All values are in tCO_2e.

Waste - Plastic Waste

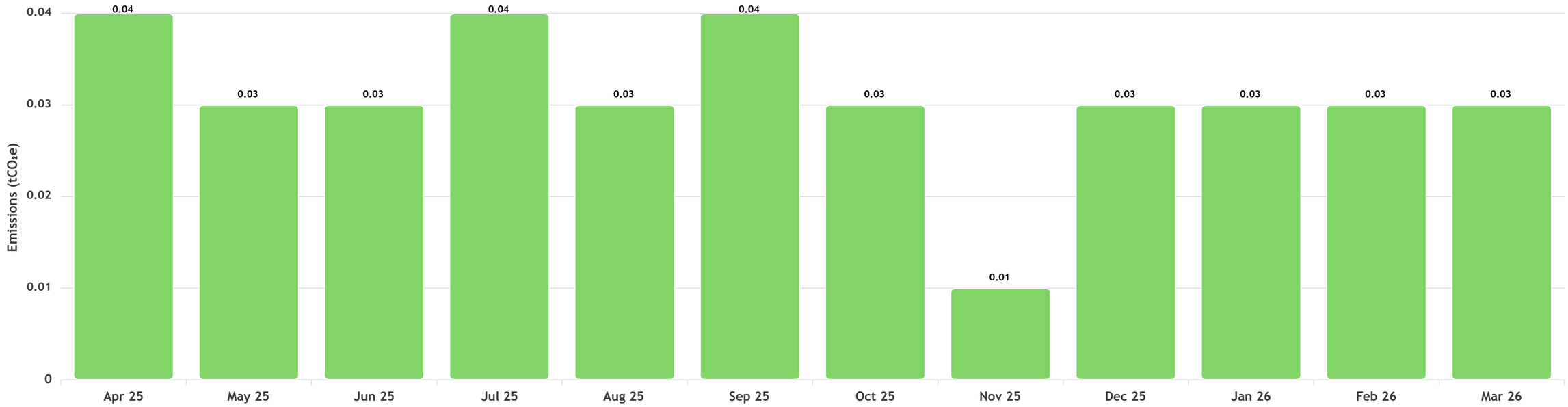
Emissions Trend Over Time



All values are in tCO_2e.

Waste - Paper And Cardboard Waste

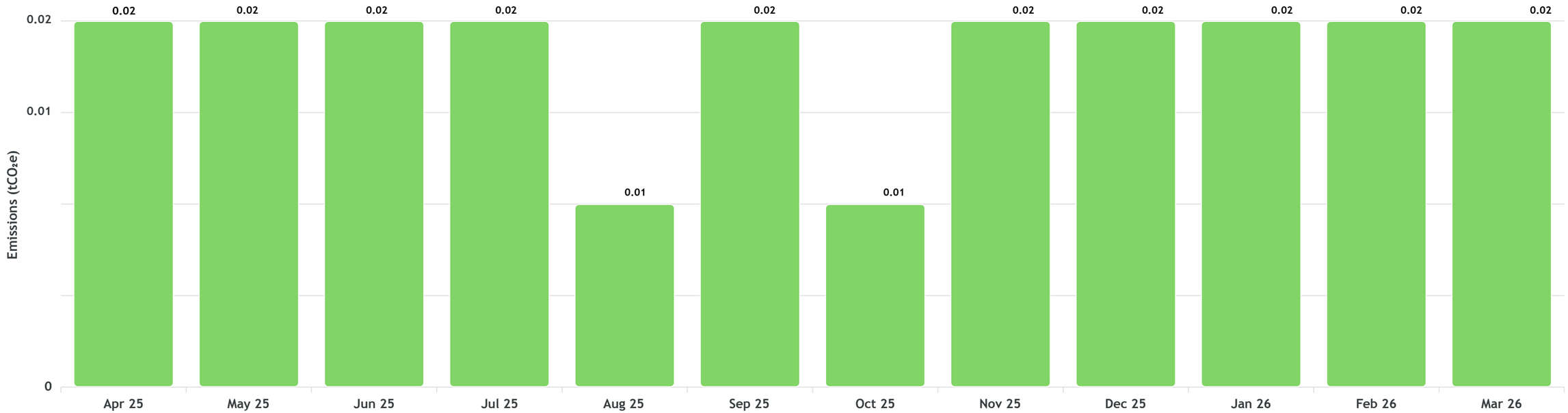
Emissions Trend Over Time



All values are in tCO_2e.

Waste - Construction Waste

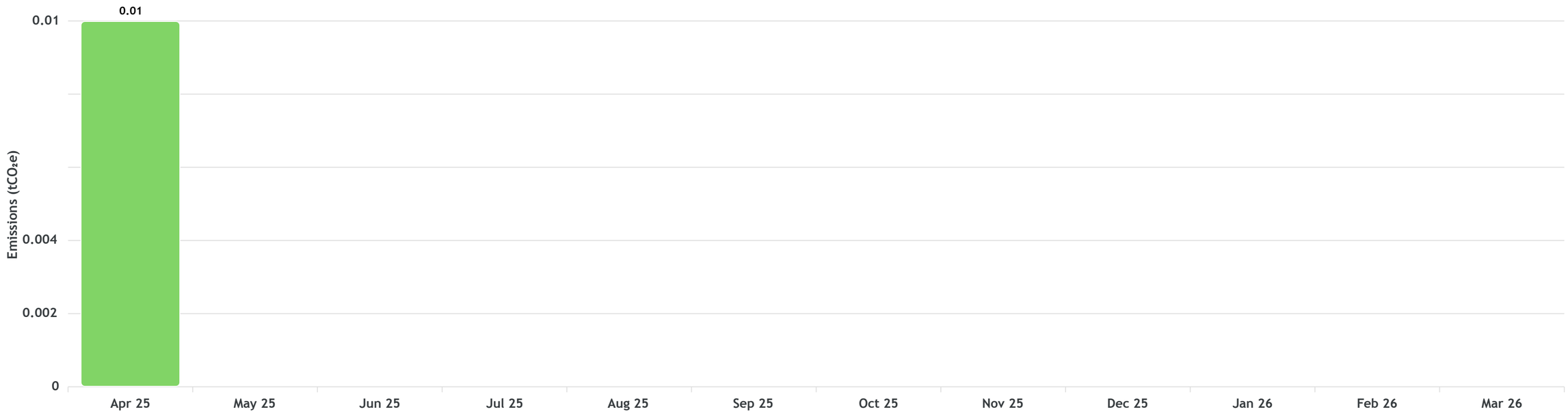
Emissions Trend Over Time



All values are in tCO_2e.

Waste - Electrical Waste

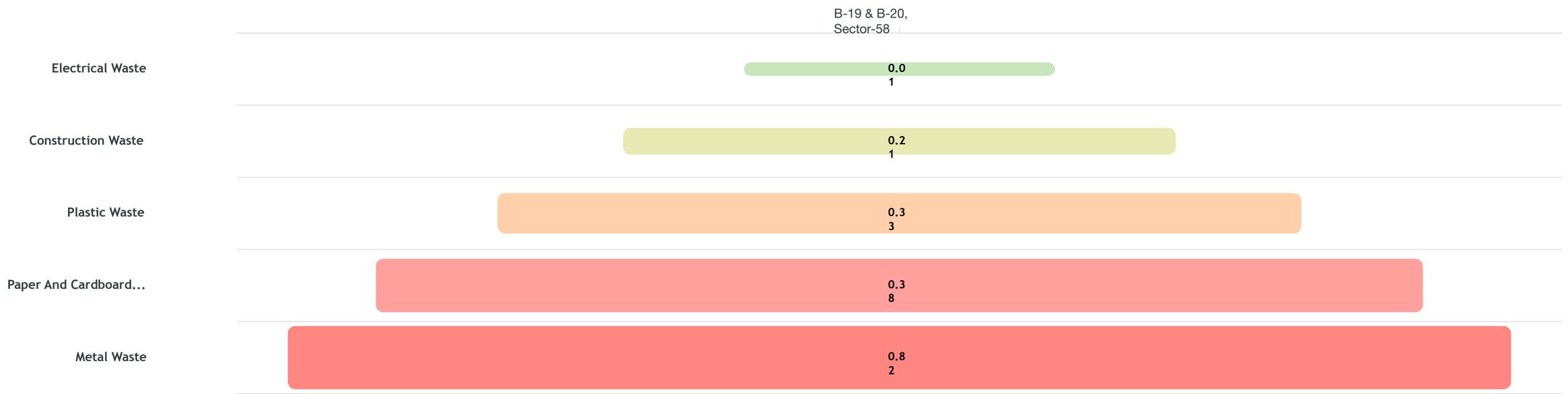
Emissions Trend Over Time



All values are in tCO_2e.

Waste - Across Facilities

Emissions Heatmap



All values are in tCO_2e. Values shown as 0.00 may represent negligible emissions, not absolute zero.

Annexure - Emission Factors

Emission factors listed below are sourced from Climatiq, a globally recognized emissions factor database. Factor names, categories, and units are presented as-is from the Climatiq database to ensure traceability and consistency with the original source.

NAME	SECTOR	CATEGORY	SOURCE	REGION	UNIT
Diesel - 100% mineral diesel	Energy	Fuel	BEIS	GB	Volume
Natural gas - 100% mineral blend	Energy	Fuel	BEIS	GB	Volume
Electricity supplied from grid	Energy	Electricity	Government of India - Central Electricity Authority	IN	Energy
All other miscellaneous electrical equipment and component manufacturing	Equipment	Electrical Equipment	EPA	US	Money
Lessors of nonresidential buildings (excpet miniwarehouses)	Buildings and Infrastructure	Real Estate	EPA	US	Money
Current-carrying wiring device manufacturing	Equipment	Electrical Equipment	EPA	US	Money
Metal tank (heavy gauge) manufacturing	Materials and Manufacturing	Fabricated Metal Products	EPA	US	Money
Industrial truck/tractor/trailer and stacker machinery manufacturing	Equipment	Machinery	EPA	US	Money
Commercial and industrial machinery and equipment (except automotive and electroni maintenance	c) repair and Equipment	Equipment Repair	EPA	US	Money
Facilities support services	Organizational Activities	Professional Services	EPA	US	Money
Power/distribution and specialty transformer manufacturing	Equipment	Electrical Equipment	EPA	US	Money
Metal waste disposal - steel cans (closed-loop)	Waste	Metal Waste	BEIS	GB	Weight
All Other Support Services	Organizational Activities	Professional Services	EPA	US	Money

Annexure - Emission Factors

NAME	SECTOR	CATEGORY	SOURCE	REGION	UNIT TYPE
Wood waste disposal (closed-loop)	Waste	Construction Waste	BEIS	GB	Weight
Van (<3.5 t)	Transport	Road Freight	GLEC	EU_S_AMERICA	WeightOverDistance
Natural gas - 100% mineral blend	Energy	Fuel	BEIS	GB	Volume
Securities brokerage	Insurance and Financial Services	Financial Services	EPA	US	Money
Gasket/packing and sealing device manufacturing	Consumer Goods and Services	Furnishings and Household	EPA	US	Money
All other miscellaneous fabricated metal product manufacturing	Materials and Manufacturing	Fabricated Metal Products	EPA	US	Money
All other plastics product manufacturing	Materials and Manufacturing	Plastics and Rubber Products	EPA	US	Money
Heavy commercial vehicle 20-30t GVW payload capacity 12-20t - average - diesel	Transport	Road Freight	GLEC	IN	WeightOverDistance
Electricity supplied from grid	Energy	Electricity	BEIS	IN	Energy
Heavy commercial vehicle 12-20t GVW payload capacity 8-12t - average - diesel	Transport	Road Freight	GLEC	IN	WeightOverDistance
Photography and photocopying equipment	Equipment	Machinery	EPA	US	Money
General freight trucking/local	Transport	Road Freight	EPA	US	Money
Cardboard waste disposal (closed-loop)	Waste	Paper and Cardboard Waste	BEIS	GB	Weight
Printed circuit assembly (electronic assembly) manufacturing	Equipment	Electronics	EPA	US	Money

Annexure - Emission Factors

NAME	SECTOR	CATEGORY	SOURCE	REGION	UNIT TYPE
Pharmaceutical preparation manufacturing	Health and Social Care	Health Care	EPA	US	Money
Mechanical power transmission equipment	Equipment	Machinery	EPA	US	Money
Wired telecommunications carriers	Information and Communication	Information and Communication Services	EPA	US	Money
Scale and balance manufacturing	Equipment	Machinery	EPA	US	Money
Third party administration of insurance and pension funds	Insurance and Financial Services	Insurance Services	EPA	US	Money
Office supplies and stationery stores	Consumer Goods and Services	General Retail	EPA	US	Money
Postal services	Information and Communication	Information and Communication Services	EPA	US	Money
WEEE waste disposal - mixed (open-loop)	Waste	Electrical Waste	BEIS	GB	Weight
General automotive repair	Consumer Goods and Services	Vehicle Maintenance and Services	EPA	US	Money
Heavy commercial vehicle 30-50t GVW payload capacity 20-40t - average - diesel	Transport	Road Freight	GLEC	IN	WeightOverDistance
Mineral wool	Materials and Manufacturing	Other Materials	EPA	US	Money
Other electronic component manufacturing	Equipment	Electronics	EPA	US	Money
Machine tool manufacturing	Equipment	Machinery	EPA	US	Money
Administrative management and general management consulting services	Organizational Activities	Professional Services	EPA	US	Money

Annexure - Emission Factors

NAME	SECTOR	CATEGORY	SOURCE	REGION	UNIT TYPE
Other fabricated wire product manufacturing	Materials and Manufacturing	Fabricated Metal Products	EPA	US	Money
Other industrial machinery manufacturing	Equipment	Machinery	EPA	US	Money
Diesel - 100% mineral diesel	Energy	Fuel	BEIS	GB	Volume
Offices of physicians (except mental health specialists)	Health and Social Care	Health Care	EPA	US	Money
Janitorial services	Organizational Activities	Professional Services	EPA	US	Money
Electronic computer manufacturing	Equipment	Electronics	EPA	US	Money
Office administrative services	Organizational Activities	Professional Services	EPA	US	Money
Paint and coating manufacturing	Consumer Goods and Services	Furnishings and Household	EPA	US	Money
Elevator and moving stairway manufacturing	Equipment	Machinery	EPA	US	Money
Commodity contracts brokerage	Insurance and Financial Services	Financial Services	EPA	US	Money
Site preparation contractors	Buildings and Infrastructure	Constructio n	EPA	US	Money
Fluid power pump and motor manufacturing	Equipment	Machinery	EPA	US	Money
Professional and management development training	Education	Education	EPA	US	Money
Offices of lawyers	Organizational Activities	Professional Services	EPA	US	Money

Annexure - Emission Factors

NAME	SECTOR	CATEGORY	SOURCE	REGION	UNIT TYPE
Other measuring and controlling device manufacturing	Equipment	Electronics	EPA	US	Money
Other communications equipment manufacturing	Equipment	Electronics	EPA	US	Money
All other transit and ground passenger transportation	Transport	Road Travel	EPA	US	Money
Commercial printing (except screen and books)	Consumer Goods and Services	Recreation and Culture	EPA	US	Money
All other general merchandise stores	Consumer Goods and Services	General Retail	EPA	US	Money
Showcase/partition/shelving and locker manufacturing	Consumer Goods and Services	Furnishings and Household	EPA	US	Money
Measuring/dispensing and other pumping equipment manufacturing	Equipment	Machinery	EPA	US	Money
All other miscellaneous crop farming	Agriculture/Hunting/Forestry/Fishing	Arable Farming	EPA	US	Money
Optical instruments and lenses	Equipment	Machinery	EPA	US	Money
Capacitor/resistor/coil/transformer and other inductor manufacturing	Equipment	Electronics	EPA	US	Money
Reupholstery and furniture repair	Consumer Goods and Services	Furnishings and Household	EPA	US	Money
Environmental consulting services	Organizational Activities	Professional Services	EPA	US	Money
Other aluminum rolling/drawing and extruding	Materials and Manufacturing	Metals	EPA	US	Money
All other rubber product manufacturing	Materials and Manufacturing	Plastics and Rubber Products	EPA	US	Money

Annexure - Emission Factors

NAME	SECTOR	CATEGORY	SOURCE	REGION	UNIT TYPE
Wholesale trade agents and brokers	Organizational Activities	Wholesale Trade	EPA	US	Money
Plastics rigid waste disposal (closed-loop)	Waste	Plastic Waste	BEIS	GB	Weight
Other commercial and service industry machinery	Equipment	Machinery	EPA	US	Money
Offices of certified public accountants	Organizational Activities	Professional Services	EPA	US	Money
Medium commercial vehicle 5-12t GVW payload capacity 3.5-8t - average - diesel	Transport	Road Freight	GLEC	IN	WeightOverDistance
Credit card issuing	Insurance and Financial Services	Financial Services	EPA	US	Money
Other communication and energy wire manufacturing	Equipment	Electrical Equipment	EPA	US	Money
Water supply and irrigation systems	Water	Water Treatment	EPA	US	Money
Metal: aluminium cans and foil waste disposal - excluding forming (closed-loop)	Waste	Metal Waste	BEIS	GB	Weight
Mineral oil waste disposal (closed-loop)	Waste	Construction Waste	BEIS	GB	Weight
Other computer related services/including facilities management	Organizational Activities	Professional Services	EPA	US	Money
Small electrical appliance manufacturing	Equipment	Electrical Equipment	EPA	US	Money
Adhesive manufacturing	Materials and Manufacturing	Chemical Products	EPA	US	Money
Employment placement agencies	Organizational Activities	Professional Services	EPA	US	Money

Annexure - Emission Factors

NAME	SECTOR	CATEGORY	SOURCE	REGION	UNIT TYPE
Highway/street and bridge construction	Buildings and Infrastructure	Constructio n	EPA	US	Money
All other specialty trade contractors	Buildings and Infrastructure	Constructio n	EPA	US	Money
Fabricated pipe and pipe fittings	Materials and Manufacturing	Fabricated Metal Products	EPA	US	Money
Prefabricated metal building and component manufacturing	Materials and Manufacturing	Fabricated Metal Products	EPA	US	Money
Scheduled passenger air transportation	Transport	Air Travel	EPA	US	Money
Advertising agencies	Organizational Activities	Professional Services	EPA	US	Money
Speed changer/industrial high-speed drive and gear manufacturing	Equipment	Machinery	EPA	US	Money
Other support activities for road transportation	Consumer Goods and Services	Recreation and Culture	EPA	US	Money
HGV (>20t)	Transport	Road Freight	GLEC	EU_S_AMERICA	WeightOverDistance
Software publishers	Consumer Goods and Services	Recreation and Culture	EPA	US	Money
Ball and roller bearing manufacturing	Materials and Manufacturing	Fabricated Metal Products	EPA	US	Money
Siding contractors	Buildings and Infrastructure	Constructio n	EPA	US	Money
Office furniture (except wood) manufacturing	Consumer Goods and Services	Furnishings and Household	EPA	US	Money
Taxi service	Transport	Road Travel	EPA	US	Money

Annexure - Emission Factors

NAME	SECTOR	CATEGORY	SOURCE	REGION	UNIT TYPE
Iron and steel mills and ferroalloy manufacturing	Materials and Manufacturing	Metals	EPA	US	Money
Electronic connector manufacturing	Equipment	Electronics	EPA	US	Money
Metal household furniture manufacturing	Consumer Goods and Services	Furnishings and Household	EPA	US	Money
Instrument manufacturing for measuring and testing electricity and electrical signals	Equipment	Electronics	EPA	US	Money
Audio and video equipment manufacturing	Equipment	Electronics	EPA	US	Money
Ornamental and architectural metal work manufacturing	Materials and Manufacturing	Fabricated Metal Products	EPA	US	Money
Plumbing/heating and air-conditioning contractors	Buildings and Infrastructure	Constructio n	EPA	US	Money
Machine shops	Materials and Manufacturing	Fabricated Metal Products	EPA	US	Money
Batteries waste disposal (open-loop)	Waste	Electrical Waste	BEIS	GB	Weight
Other services to buildings and dwellings	Organizational Activities	Professional Services	EPA	US	Money
Rubber and plastics hoses and belting manufacturing	Materials and Manufacturing	Plastics and Rubber Products	EPA	US	Money
Scrap metal waste disposal (closed-loop)	Waste	Metal Waste	BEIS	GB	Weight
Printing machinery and equipment manufacturing	Equipment	Machinery	EPA	US	Money
Human resources consulting services	Organizational Activities	Professional Services	EPA	US	Money

Annexure - Emission Factors

NAME	SECTOR	CATEGORY	SOURCE	REGION	UNIT TYPE
Metal window and door manufacturing	Materials and Manufacturing	Fabricated Metal Products	EPA	US	Money
Other personal services	Consumer Goods and Services	Domestic Services	EPA	US	Money
Security systems services (except locksmiths)	Organizational Activities	Professional Services	EPA	US	Money
Unlaminated plastics film and sheet (except packaging) manufacturing	Materials and Manufacturing	Plastics and Rubber Products	EPA	US	Money
Water and sewer line and related structures construction	Buildings and Infrastructure	Constructio n	EPA	US	Money
Temporary help services	Organizational Activities	Professional Services	EPA	US	Money
Computer storage device manufacturing	Equipment	Electronics	EPA	US	Money
All other miscellaneous general purpose machinery manufacturing	Equipment	Machinery	EPA	US	Money
Freight transportation arrangement	Consumer Goods and Services	Recreation and Culture	EPA	US	Money
Other vegetable (except potato) and melon farming	Agriculture/Hunting/Forestry/Fishin g	Arable Farming	EPA	US	Money
Parking lots and garages	Consumer Goods and Services	Domestic Services	EPA	US	Money
Corrugated and solid fiber box manufacturing	Consumer Goods and Services	Paper Products	EPA	US	Money
Switchgear and switchboards	Equipment	Electrical Equipment	EPA	US	Money
Floriculture production	Agriculture/Hunting/Forestry/Fishin g	Arable Farming	EPA	US	Money

Annexure - Emission Factors

NAME	SECTOR	CATEGORY	SOURCE	REGION	UNIT TYPE
Marketing consulting services	Organizational Activities	Professional Services	EPA	US	Money
All Other Miscellaneous Manufacturing	Materials and Manufacturing	Other Materials	EPA	US	Money
Medium commercial vehicle 3-5t GVW payload capacity 2-3.5t - average - diesel	Transport	Road Freight	GLEC	IN	WeightOverDistance
All other miscellaneous schools and instruction	Education	Education	EPA	US	Money
Welding and soldering equipment manufacturing	Equipment	Machinery	EPA	US	Money
Small commercial vehicle <3.5t GVW payload capacity 0.5-2t - average - diesel	Transport	Road Freight	GLEC	IN	WeightOverDistance
All other legal services	Organizational Activities	Professional Services	EPA	US	Money
Motor and generator manufacturing	Equipment	Electrical Equipment	EPA	US	Money
Other commercial and industrial machinery and equipment rental and leasing	Equipment	Equipment Rental	EPA	US	Money
Sheet metal work manufacturing	Materials and Manufacturing	Fabricated Metal Products	EPA	US	Money
Testing laboratories	Organizational Activities	Professional Services	EPA	US	Money
Book publishers	Consumer Goods and Services	Recreation and Culture	EPA	US	Money
Industrial process furnaces and ovens	Equipment	Machinery	EPA	US	Money
Steam and air-conditioning supply	Water	Water Treatment	EPA	US	Money

Annexure - Emission Factors

NAME	SECTOR	CATEGORY	SOURCE	REGION	UNIT TYPE
Other professional / scientific and technical services	Organizational Activities	Professional Services	EPA	US	Money
Upholstered household furniture manufacturing	Consumer Goods and Services	Furnishings and Household	EPA	US	Money
Civic and social organizations	Organizational Activities	Operational Activities	EPA	US	Money
Glass product manufacturing made of purchased glass	Materials and Manufacturing	Glass and Glass Products	EPA	US	Money
Conveyor and conveying equipment manufacturing	Equipment	Machinery	EPA	US	Money
Computer systems design	Organizational Activities	Professional Services	EPA	US	Money
Financial transactions processing/reserve and clearinghouse activities	Insurance and Financial Services	Financial Services	EPA	US	Money
Convention and trade show organizers	Organizational Activities	Professional Services	EPA	US	Money
Industrial and commercial fan and blower and air purification equipment	Equipment	Machinery	EPA	US	Money
Industrial molds	Equipment	Machinery	EPA	US	Money
Roofing contractors	Buildings and Infrastructure	Constructio n	EPA	US	Money
Other business service centers (including copy shops)	Organizational Activities	Professional Services	EPA	US	Money
Direct health and medical insurance carriers	Insurance and Financial Services	Insurance Services	EPA	US	Money
Security guards and patrol services	Organizational Activities	Professional Services	EPA	US	Money

Annexure - Emission Factors

NAME	SECTOR	CATEGORY	SOURCE	REGION	UNIT TYPE
Carbon and graphite products	Equipment	Electrical Equipment	EPA	US	Money
Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	Equipment	Machinery	EPA	US	Money
Urethane and other foam products (except polystyrene)	Materials and Manufacturing	Plastics and Rubber Products	EPA	US	Money
Fabricated structural metal manufacturing	Materials and Manufacturing	Fabricated Metal Products	EPA	US	Money
Direct property and casualty insurance carriers	Insurance and Financial Services	Insurance Services	EPA	US	Money
Relay and industrial control manufacturing	Equipment	Electrical Equipment	EPA	US	Money
Electroplating/plating/polishing/anodizing and coloring	Materials and Manufacturing	Fabricated Metal Products	EPA	US	Money
Electrical contractors and other wiring installation contractors	Buildings and Infrastructure	Construction	EPA	US	Money
General freight trucking/long-distance/less than truckload (purchaser prices)	Transport	Road Freight	Cornerstone Sustainability Data Initiative	US	Money
Framing contractors	Buildings and Infrastructure	Construction	EPA	US	Money
Rolled steel shape manufacturing	Materials and Manufacturing	Metals	EPA	US	Money
Iron and steel pipe and tube manufacturing from purchased steel	Materials and Manufacturing	Metals	EPA	US	Money
Industrial valve manufacturing	Materials and Manufacturing	Fabricated Metal Products	EPA	US	Money
All other leather good and allied product manufacturing	Consumer Goods and Services	Clothing and Footwear	EPA	US	Money

Annexure - Emission Factors

NAME	SECTOR	CATEGORY	SOURCE	REGION	UNIT TYPE
Hardware manufacturing	Materials and Manufacturing	Fabricated Metal Products	EPA	US	Money

background

About Fitsol

India's only full-stack **decorbonization-as-a-service** provider

Cutting emissions while staying compliant and cost-efficient shouldn't be overwhelming. At Fitsol, we make it simple. As your Decarbonization-as-a-Service partner, we streamline carbon accounting, close reporting gaps, and tackle emission hotspots so you can focus on running your business while confidently moving toward Net Zero.

What Sets Us Apart?

Unlike advisory-only firms, our strength lies in execution. We deliver practical, scalable solutions across **Green Logistics, Sustainable Packaging, Scrap Management, Renewable Energy**, and **Carbon Credits** ensuring results that reduce both carbon and costs.



- Managing **300 million kilograms of CO_2e**, we actively enable organizations to meet Net Zero commitments.
- Certified with **ISO 27001:2022, SOC 2,** and **GDPR**, we safeguard sensitive data with the highest standards of privacy and security.
- As a **UN Global Compact member**, we align business impact with responsible, ethical practices.
- Through our **strategic MoU with IIT Kanpur**, we bring cutting-edge research and data-driven methods to accelerate cost-efficient decarbonisation.

Fitsol

Businesses today face rising compliance demands, from **BRSR** in India to global frameworks like **CBAM** and **SBTi**. Fitsol delivers full-spectrum decarbonisation: **carbon accounting, regulatory readiness, and carbon credit development**.

Using **verified emissions factors** (ecoinvent, Climatiq, DEFRA, India-specific databases), we ensure accurate, audit-ready reporting across procurement, logistics, waste, and energy.

Our **AI-powered platform** enables:

- Automated reporting for speed and accuracy
- Benchmarking and gap analyses to manage risks
- Transparent, sector-wide insights for better decisions

GreenCount
Carbon accounting & reporting

GreenPath
Compliance management (BRSR, CBAM)

GreenAlign
Science Based Targets alignment

GreenFind
Carbon credit development

With Fitsol, companies go beyond reporting to achieve real reductions, stronger compliance, and cost efficiency.

Learn more at https://fitsol.green or follow us on LinkedIn.

For new inquiries, write to cbo@fitsol.green, and for report-related queries, contact sustainability@fitsol.green.