



# Greenhouse Gas Accounting Report 2025

Tradera Marketplace AB

Reporting period: 2025-01-01-2025-12-31

# TRADERA™

# Executive summary

## Purpose of this report

This Greenhouse Gas (GHG) accounting report provides a comprehensive overview of Tradera Marketplace AB’s carbon footprint for 2025. The report supports our commitment to transparency in climate reporting and maintains strict alignment with the **GHG Protocol Corporate Standard**.

## Organizational boundaries

Tradera applies the operational control approach, accounting for 100% of emissions from operations where it has full control. Tradera Marketplace AB continues to have **zero emissions** in Scope 1, as it does not own vehicles or stationary combustion equipment.

## Total emissions: 1 227 tCO<sub>2</sub>e

Scope	tCO <sub>2</sub> e	% of total
<b>Scope 2 (Location-based)</b>		
Electricity	5	0,4%
District Heating	1	0,1%
<b>Scope 2 (Market-based)</b>		
	0	0,0%
<b>Scope 3</b>		
Cat. 1 - Purchased Goods & Services	885	72,1%
Cat. 2 - Capital Goods	1	0,1%
Cat. 3 - Fuel-& Energy-related Activities	0	<0,1%
Cat. 4 - Upstream Transportation	0	<0,1%
Cat. 5 - Waste Generated in Operations	0	<0,1%
Cat. 6 - Business Travel	11	0,9%
Cat. 7 - Employee Commuting	15	1,2%
Cat. 9 - Downstream Transportation	293	23,9%
Cat. 11 - Use of Sold Products	16	1,3%
<hr/>		
<b>Scope 2 Total</b>	<b>6</b>	<b>0,5%</b>
<b>Scope 3 Total</b>	<b>1 221</b>	<b>99,5%</b>
<b>TOTAL</b>	<b>1 227</b>	<b>100%</b>

## Year-over-Year Trend: Decoupling Growth from Emissions

A key finding for 2025 is the **reduction in relative emissions** despite an increase in absolute figures. While total emissions grew by 7.8% due to business expansion, our intensity per employee (FTE) decreased significantly.

### Year-over-Year Trend

Metric	2025	2024	Trend
Total emissions	1227	1138	+7%
CO2e/FTE	20,5	22	-7%
Carbon Intensity	2	2,1	0%



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# 1. Introduction

Tradera Marketplace AB, established in 1999, is one of Sweden's largest online marketplaces. Our core mission is to drive the transition toward sustainable shopping by shifting consumer habits toward a circular economy. On our platform, a pre-owned item changes owners every third second, and our users spend millions of hours on the Tradera app and web each year.

While our primary user base is in Sweden, Tradera operates worldwide with increasing volumes in Denmark and the Netherlands. The purpose of this report is to quantify and present Tradera's Greenhouse Gas (GHG) emissions for 2025, providing a transparent view of our climate impact. These insights form the basis for tracking progress toward our climate goals and identifying opportunities for further reduction.

As a non-listed company, Tradera Marketplace AB currently reports its greenhouse gas emissions on a voluntary basis. Consequently, this report has not been subject to an external third-party audit.

However, to ensure the highest possible data quality and transparency, the reporting process is overseen by Tradera's management team. The leadership group has reviewed and formally approved the methodology, data sources, and final results presented in this report. This internal oversight ensures that our climate accounting is consistent with our operational reality and remains a central tool for our strategic decision-making and circular mission.

## 1.1 Organisational Boundaries

This inventory follows the operational control approach as defined by the GHG Protocol. Under this approach, Tradera accounts for 100% of the greenhouse gas emissions from operations over which it has control.

**Reporting Period:** 2025-01-01–2025-12-31

**Geographic scope** The boundary covers Tradera’s headquarters in Stockholm and global activities related to user interactions with the platform.

**Office space:** 663 m<sup>2</sup>  
**Headcount:** 60

## 1.2 Operational Boundaries

Tradera categorizes its emissions into three “scopes” to ensure comprehensive reporting across the value chain:

### Scope 1: Direct Emissions

Scope 1 includes direct emissions from sources owned or controlled by the organization, such as stationary combustion (boilers) or company-owned vehicles. As Tradera does not own or operate such equipment, Scope 1 emissions remain at zero.

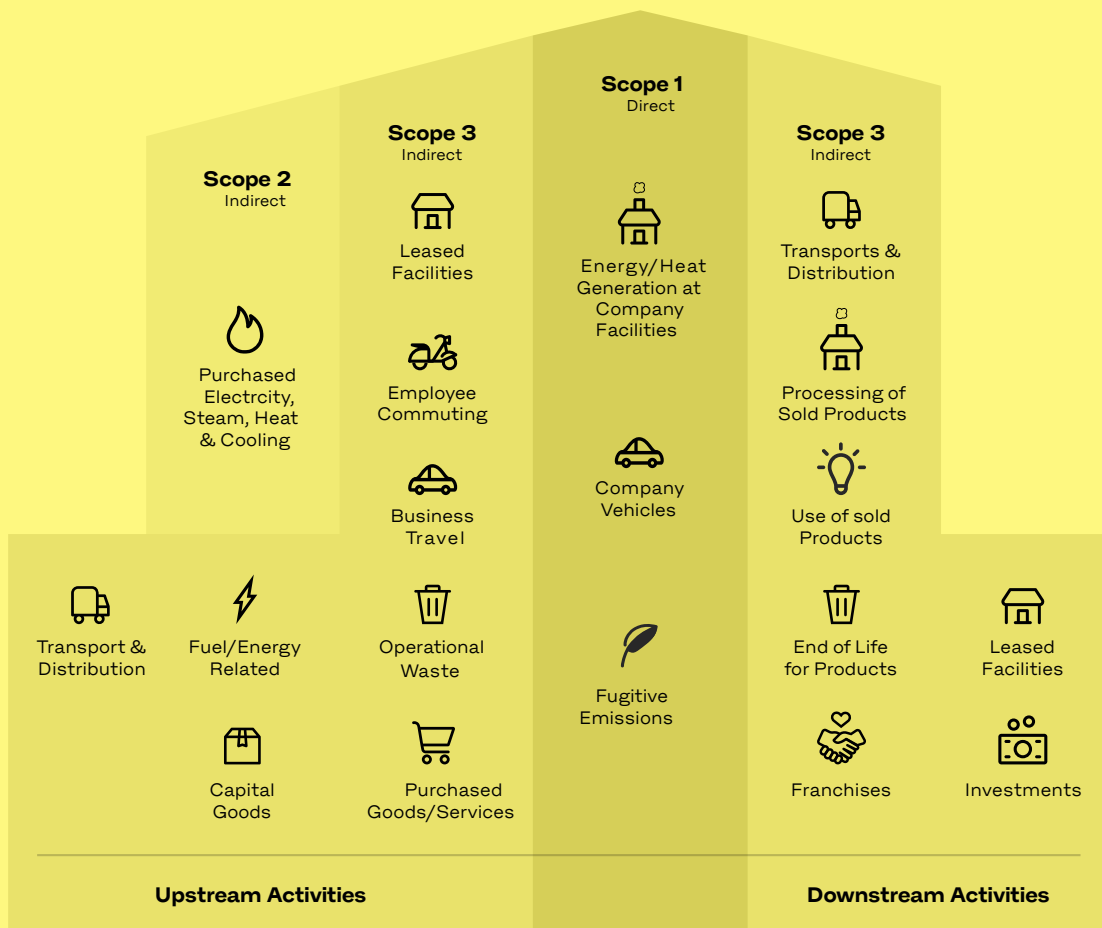
### Scope 2: Indirect Emissions from Purchased Energy

This scope covers indirect emissions from the consumption of purchased electricity, heat, and cooling for the Stockholm office. We utilize dual reporting for Scope 2:

- **Market-based method:** Reflects emissions from specific energy contracts, such as 100% GoO-certified hydropower.
- **Location-based method:** Calculated using the average emission factors for the Swedish electricity grid.

### Scope 3: Other Indirect Emissions (Value Chain)

Scope 3 includes all other indirect emissions that occur in Tradera’s value chain.



The GHG emissions is divided upon three different scopes:

<b>Scope 1</b> (direct emissions)	<b>Category</b>	<b>Explanation</b>	<b>Included?</b>
	Stationary combustion	Tradera does not own or operate any stationary combustion equipment such as boilers or generators.	<b>No</b>
	Mobile combustion	No company-owned vehicles are in use; all transport is handled by third-party providers.	<b>No</b>
	Process emissions	Tradera does not engage in any industrial or chemical processes that result in direct GHG emissions.	<b>No</b>
	Fugitive emissions	No refrigeration or fire suppression systems under Tradera's direct control that would result in fugitive emissions.	<b>No</b>

<b>Scope 2</b> (indirect emissions from purchased energy)	<b>Category</b>	<b>Explanation</b>	<b>Included?</b>
	Purchased electricity	Includes electricity used in Tradera's office. Market-based emissions are zero due to the use of 100% GoO-certified hydropower. Location-based emissions are calculated using the Swedish grid average.	<b>Yes</b>
	District heating	Heating consumed in Tradera's office is included based on supplier emission factors.	<b>Yes</b>
	District cooling	Cooling demand for the office is included based on supplier data or modeled estimates.	<b>Yes</b>
	Steam	Not applicable; Tradera does not purchase or use steam.	<b>No</b>

<b>Scope 3</b> (other indirect emissions)	<b>NR</b>	<b>Category</b>	<b>Explanation</b>	<b>Included?</b>
	3.1	Purchased goods	Includes emissions from marketing, IT services, cloud storage, office supplies and other purchased services.	<b>Yes</b>
	3.2	Capital goods	Emissions from purchase of IT equipment and other capitalized assets.	<b>Yes</b>
	3.3	Fuel-& Energy-activities	Upstream emissions from electricity, district heating and cooling (WTT and T&D).	<b>Yes</b>

<b>Scope 3</b> (other indirect emissions)	<b>NR</b>	<b>Category</b>	<b>Explanation</b>	<b>Included?</b>
	3.4	Upstream transportation & distribution	Includes emissions from the delivery of office supplies and other procured goods to Tradera's facilities, handled by third-party logistics providers.	<b>Yes</b>
	3.5	Waste generated in operations	Includes emissions from general office waste, such as paper, cardboard (wellpapp), plastic, and electronic waste, based on waste volumes and fractions.	<b>Yes</b>
	3.6	Business travel	Includes emissions from flights, trains, hotels, and taxi booked through company accounts.	<b>Yes</b>
	3.7	Employee commuting	Based on employee surveys covering transport mode and teleworking emissions.	<b>Yes</b>
	3.8	Upstream leased assets	Not included due to office being covered under Scope 2.	<b>No</b>
	3.9	Downstream transportation & distribution	Emissions from shipments to customers, based on data from logistics providers.	<b>Yes</b>
	3.10	Processing of sold products	Not applicable to Tradera's business model.	<b>No</b>
	3.11	Use of sold products	Includes energy-related emissions from users' interactions with the Tradera platform (data transfer and device usage).	<b>Yes</b>
	3.12	End-of-life treatment of sold products	Not applicable; Tradera is a platform for resale and reuse.	<b>No</b>
	3.13	Downstream leased assets	Not applicable; Tradera does not own leased assets for downstream use.	<b>No</b>
	3.14	Franchises	Not applicable; Tradera does not operate a franchise model.	<b>No</b>
	3.15	Investments	Not applicable; Tradera does not hold significant investments covered by Scope 3.	<b>No</b>

<b>Dual reporting</b> (market- and location based)	Scope 2 emissions are reported following both the location-based and market-based approaches in accordance with the GHG Protocol Scope 2 Guidance.
<b>Location-based method:</b>	Based on grid-average emission factors.
<b>Market-based method:</b>	Based on emissions factors from energy supplier-specific contracts

# 2. Methodology

The Greenhouse Gas (GHG) accounting and reporting process for 2025 adheres to the **GHG Protocol Corporate Accounting and Reporting Standard** and the **Corporate Value Chain (Scope 3) Standard**. These frameworks, developed by WRI and WBCSD, ensure that Tradera's climate footprint is measured with global consistency and transparency.

## 2.1 Core Principles

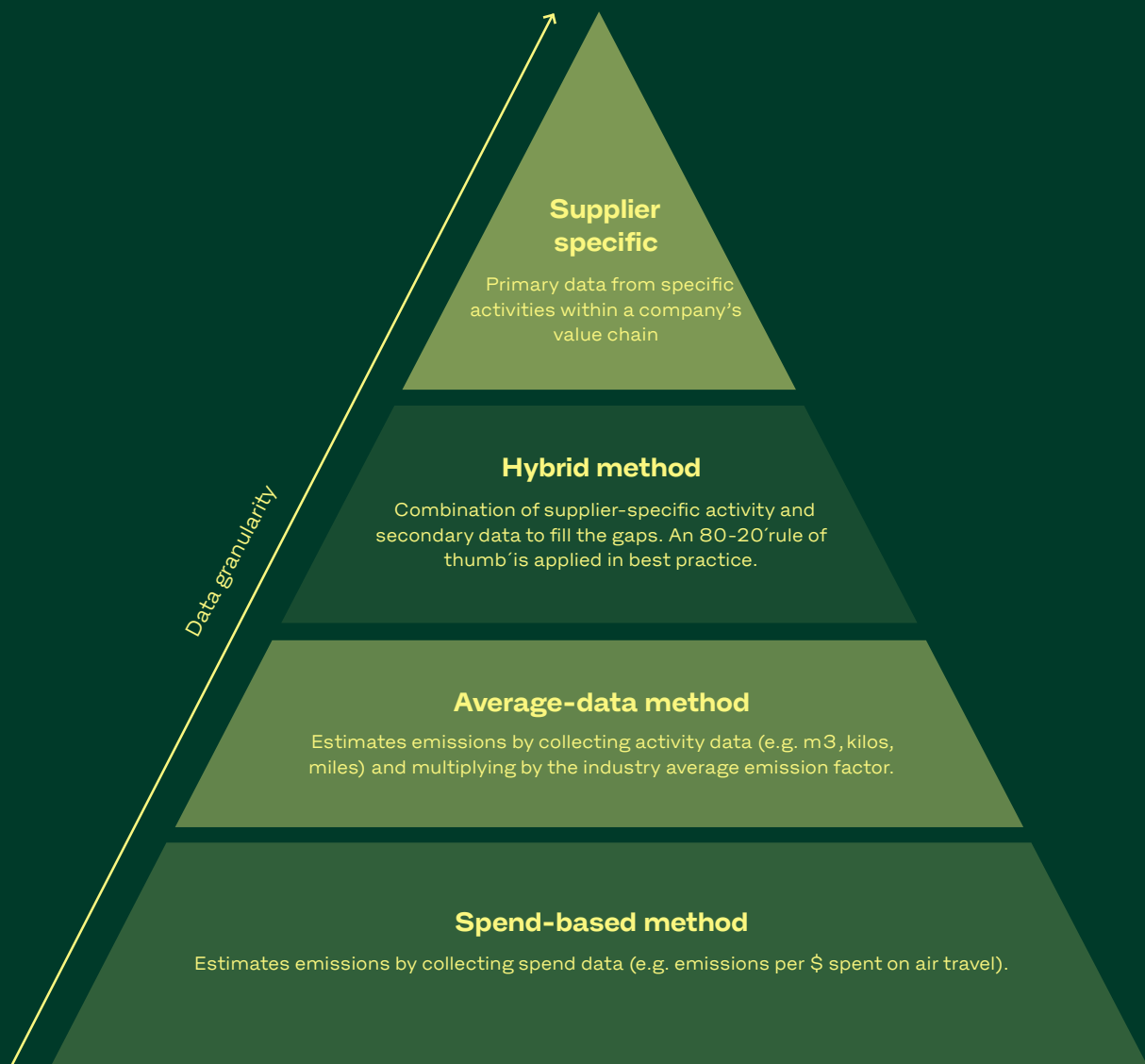
Our approach is grounded in the five core principles of the GHG Protocol:

- **Relevance:** Defining boundaries that reflect Tradera's actual operations as a digital marketplace.
- **Completeness:** Accounting for all required emission sources within the defined boundary, with any exclusions clearly justified.
- **Consistency:** Using methodologies that allow for meaningful year-over-year comparisons (e.g., 2024 vs. 2025).
- **Transparency:** Disclosing all data sources, assumptions, and emission factors used.
- **Accuracy:** Reducing uncertainties by prioritizing activity-based data over financial proxies.

## 2.2 Data Granularity

To ensure highest possible data quality, Tradera applies a “data hierarchy” to categorize the collected information:

- 1. Supplier-Specific (Primary Data):** Activity data provided directly by our partners (e.g., actual kWh from energy bills or tCO<sub>2</sub>e reports from shipping providers).
- 2. Hybrid Method:** A combination of specific activity data and secondary industry averages to fill gaps.
- 3. Average-Data Method:** Estimating emissions by applying industry-average factors to known activity units (e.g., m<sup>2</sup>, kilometers, or liters).
- 4. Spend-Based Method:** Estimating emissions based on financial expenditure. In line with our 2024 recommendations, we are actively phasing this out in favor of activity-based data



Furthermore, for the 2025 inventory, the calculations are performed using a specialised AI-driven accounting skill, ensuring a standardised application of emission factors across all categories.

## 2.3 Scope 2 Determination

In accordance with the GHG Protocol Scope 2 Guidance, Tradera continues to use Dual Reporting:

**Market-based method:** Reflects our choice of **100% renewable energy** for the Stockholm office, resulting in 0 CO<sub>2</sub>e for purchased electricity.

**Location-based method:** Uses the average emission factors for the Swedish grid to provide a secondary perspective on energy impact.

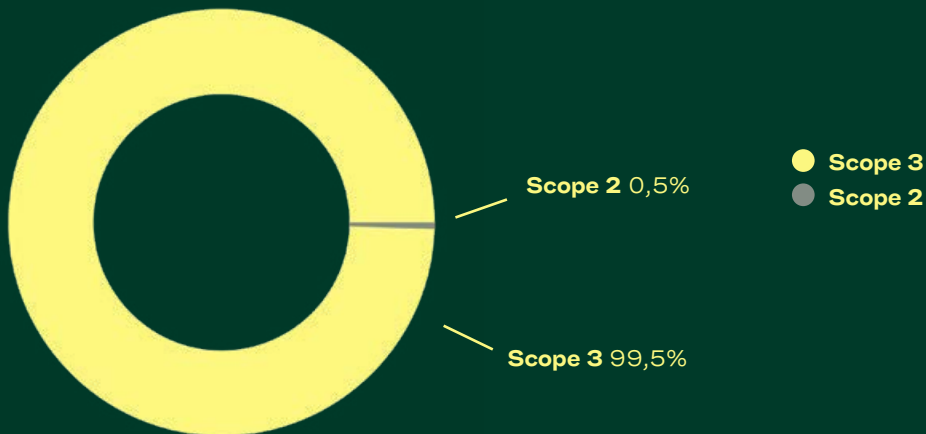
## 2.4 Emission Factors & GWP

Emissions are calculated by multiplying activity data by specific emission factors sourced from reputable databases such as **DEFRA, IEA, or SMHI/Stockholm Exergi**. All greenhouse gases are converted into Carbon Dioxide Equivalents CO<sub>2</sub>e using **Global Warming Potential (GWP)** values from the IPCC Fifth Assessment Report (AR5).

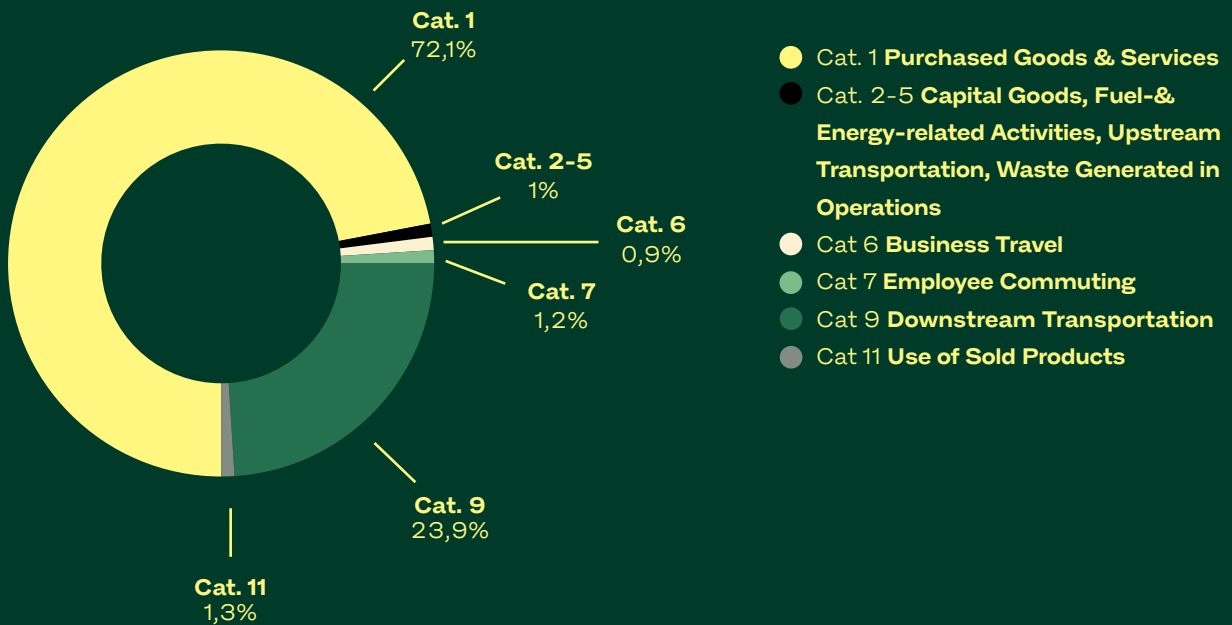
# 3. Result & analysis

## 3.1 Scope & Category Breakdown

Emissions by scope



Emissions by category in Scope 3

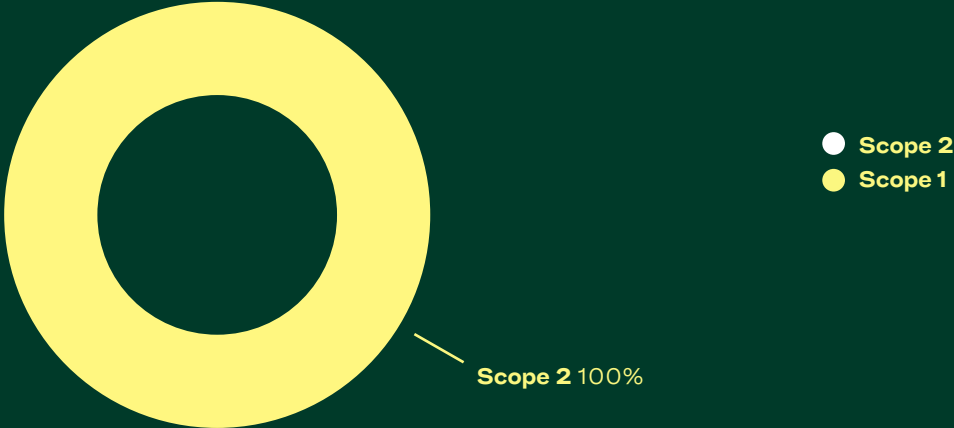


### Key findings

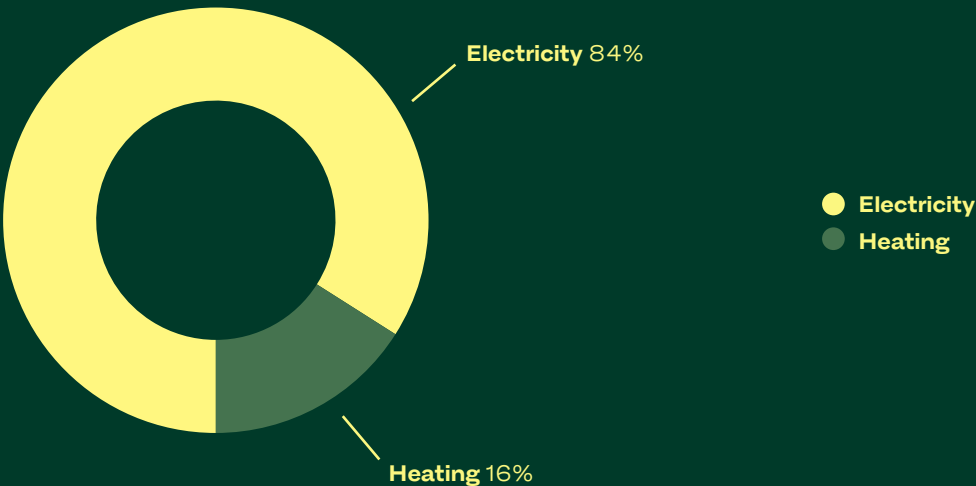
72% of all the scope 3 emissions come from purchased goods and services.

# 3.2 Focus on Scope 1 & 2

Emissions by Scope 1 & 2



Emissions by category in Scope 2

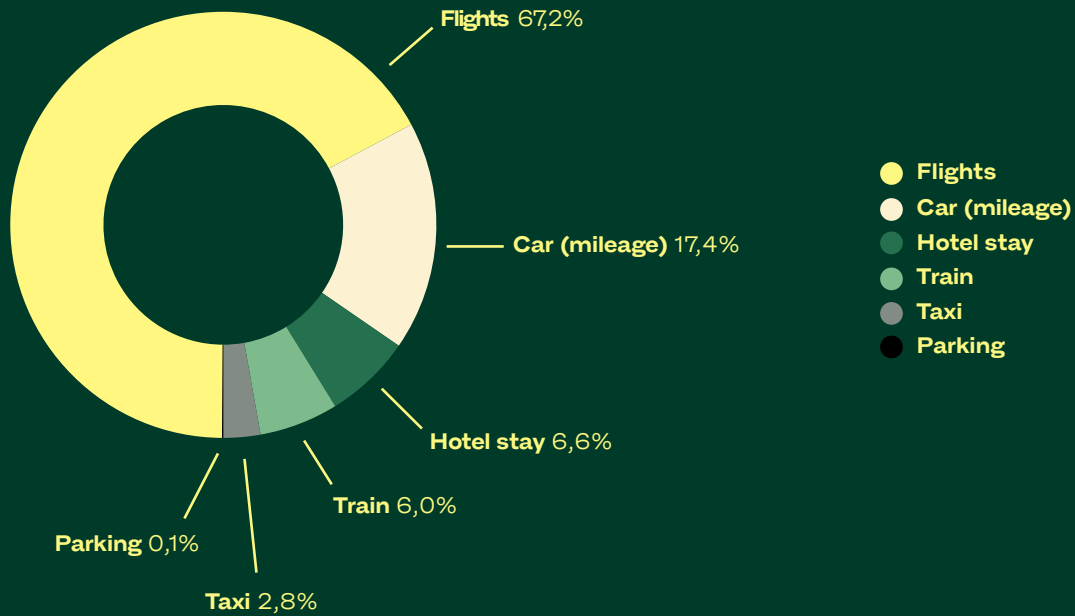


**Key findings**

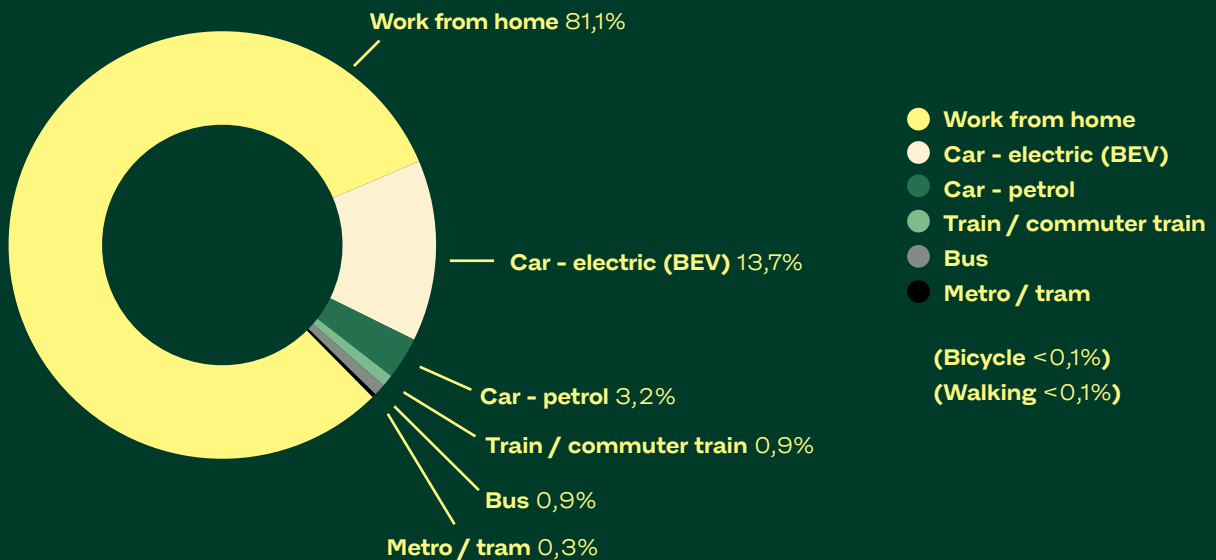
Electricity dominates scope 2 emissions at 84% of the total.

### 3.3 Category Breakdown of Scope 3 – Business Travel & Commuting

#### Business Travel



#### Commuting

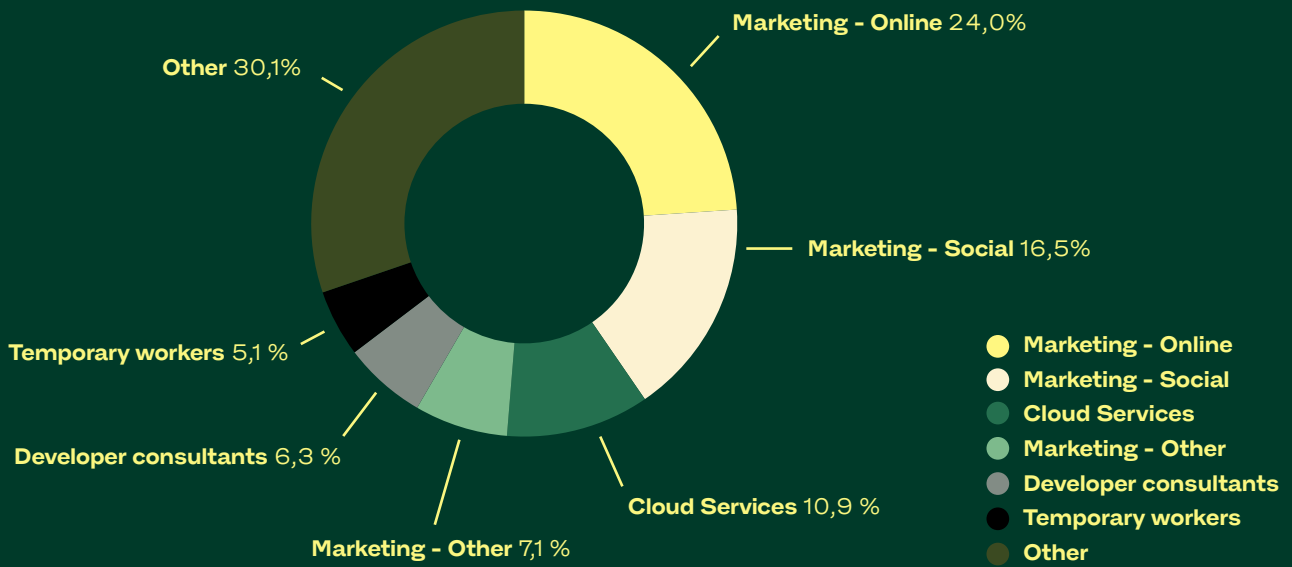


#### Key findings

Flights dominate business travel at 67%, while work-from-home energy is by far the largest commuting emission source at 81%.

### 3.4 Category Breakdown of Scope 3 – Purchases & Transportation

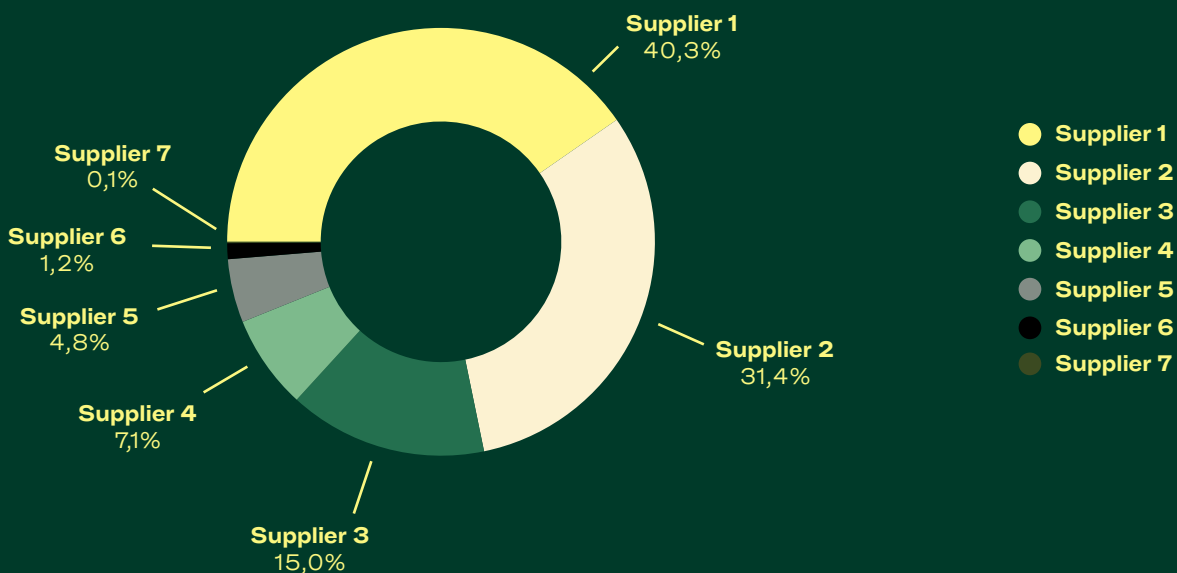
#### Purchased Goods & Services



#### Key findings

Digital marketing (Online + Social) alone accounts for over 40% of purchased goods & services emissions, followed by Cloud Services at ~11%.

#### Downstream transportation



#### Key findings

Supplier 1 & 2 together account for nearly 72% of all shipping emissions.

# 4. Annual Reporting Figures

Scope/category	tCO2e	Share (%)
<b>Scope 2 (Location-based)</b>		
Electricity	5	0,4%
District Heating	1	0,1%
Scope 2 (Market-based)	0	0
<b>Scope 3</b>		
Cat 1 - Purchased Goods & Services	885	72,1%
Cat 2 - Capital Goods	1	0,1%
Cat 3 - Fuel-& Energy-related Activities	0	<0,1%
Cat 4 - Upstream Transportation	0	<0,1%
Cat 5 - Waste Generated in Operations	0	<0,1%
Cat 6 - Business Travel	11	0,9%
Cat 7 - Employee Commuting	15	1,2%
Cat 9 - Downstream Transportation	293	23,9%
Cat 11 - Use of Sold Products	16	1,3%
<b>Scope 3 Total</b>	<b>1 221</b>	<b>99,5%</b>
<b>Total</b>	<b>1 227</b>	<b>100%</b>
tCO2e/FTE	20,45	
Carbon Intensity	2	

## Global Warming Potential

Gas	GWP <sub>100</sub> (AR5)	Emissions in tCO2e
CO2	1	308,3
CH4	28	0,6
N2O	265	2,0
<b>Total</b>		<b>311,0</b>

# 5. Conclusion & Future Improvements

In 2025, Tradera Marketplace AB managed to grow the business faster than the emissions. While absolute emissions increased by **7.8%** to **1,227 tCO<sub>2</sub>e** due to continued platform expansion, our carbon intensity per Full-Time Equivalent (FTE) decreased by **6.9%**. This trend indicates that our operational scaling is becoming increasingly carbon-efficient.

## Operational Performance (Scopes 1 & 2)

In alignment with our SBTi maintenance targets for SMEs, Tradera continues to minimize its direct environmental impact:

- **Scope 1:** Emissions remain at **zero**, as the company does not own stationary combustion equipment or vehicles.
- **Scope 2:** By procuring **100% GoO-certified hydropower**, our market-based emissions are maintained at **0 tCO<sub>2</sub>e**.
- On a location-based basis, electricity and heating account for only **0.5%** of our total footprint.

## Value Chain Impact (Scope 3)

Scope 3 emissions represent the vast majority of Tradera's footprint at **99.5%**. The primary drivers are **Purchased Goods & Services** (72.1%) and **Downstream Transportation** (23.9%):

- **Category 1:** Digital marketing and cloud services alone account for over 50% of these emissions.
- **Category 9:** Shipping remains a significant impact area, with **PostNord** and **Schenker** together accounting for nearly **72%** of all downstream transportation emissions.

Moving forward, Tradera remains committed to enhancing data granularity by phasing out spend-based proxies in favor of supplier-specific activity data to further refine our climate strategy.

# 6. Appendix

## 6.1 Emission Factors

This table provides a comprehensive overview of the data sources and categories used for the 2025 inventory.

Scope	Category	GHG Category NO.	Source info
Scope 2	Purchased Electricity	N/A	<b>Supplier-Specific:</b> Green certificates for 100% renewable hydropower.
Scope 2	Purchased Heat/Cooling	N/A	<b>Supplier-Specific:</b> Stockholm Exergi (Miljönyckeltal 2025)
Scope 3	Purchased Goods & Services	Category 1	EXIOBASE 3.8 (SE vectors) for spend-based data; SLU and supplier data for digital services.
Scope 3	Capital Goods	Category 2	Supplier-sourced data for IT equipment (Computers/ Phones).
Scope 3	Fuel- & Energy-Activities	Category 3	DEFRA (WTT and T&D factors for electricity and heat).
Scope 3	Waste Generated in Ops	Category 5	Supplier-sourced data (fractions of paper, plastic, e-waste).
Scope 3	Business Travel	Category 6	DEFRA, SJ, and hotel-specific emission factors.
Scope 3	Employee Commuting	Category 7	Primary 2025 survey data mapped to DEFRA, SJ, and SL factors.
Scope 3	Downstream Transport	Category 9	<b>Primary Activity Data:</b> Instabox, PostNord, and other logistics partners.
Scope 3	Use of Sold Products	Category 11	IEA factors for data transfer and device energy intensity.

## 6.2 Acronyms & Abbreviations

GHG	Greenhouse gas
CO2e	Carbon dioxide equivalent
kg	Kilogram
t	Tonne (1,000 kg)
SL	Stockholms Lokaltrafik (Stockholm Public Transport)
SJ	Stockholms Järnväg (Swedish Railways)
SLU	Sveriges Lantbruksuniversitet
DEFRA	Department for Environment, Food & Rural Affairs (UK)
m <sup>3</sup>	Cubic meter
BIES	Biogenic Emission Inventory System
EEIO	Environmentally Extended Input-Output (Spend-based modeling)
FTE	Full-time equivalent (Headcount)
GoO	Guarantee of Origin (for renewable energy)
GWP	Global Warming Potential
WTT/T&D	Well-to-Tank / Transmission & Distribution (Energy losses)