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Corporate Carbon Footprint Report 2025

KarbonStation

ISO 14064-1

in collaboration with SUSTAINABLEWORKSSTATION

CONTENT

This study supports the relevant United Nations Sustainable Development Goals.

The Journey to Net Zero Emissions

About Erateks

Established in 1992, Erateks has earned a strong reputation as a sustainable apparel manufacturer, with proven success in fabric and garment development as well as high-quality clothing production.

Our headquarters, located in Bağcılar, Istanbul, Turkey, spans approximately 7,000 m² and serves as the hub for innovation, collaboration, and customer relations. Here, our experienced team and skilled engineers work closely with customers and supply chain partners to develop innovative solutions, materials, and products tailored to evolving market demands.

Our production operations take place in our state-of-the-art facilities covering 20,000 m² in the Organized Industrial Zone of Fatsa, Ordu. These facilities are fully equipped to manage all stages of production—from cutting to final finishing—while integrating high-quality standards and sustainable practices throughout the entire manufacturing process.

Erateks is committed to developing innovative and sustainable solutions, delivering superior quality garments that meet the needs of our customers and the demands of the dynamic global market.

CONTACT PERSON(S)

The responsible person(s) who participated and contributed to this Carbon Footprint study received awareness raising trainings on climate change, sectoral developments and ISO 14064-1:2018 standard.

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Name of the Company
ERATEKS TEKSTIL SAN. VE TIC. A.Ş.

Address
Head Quartes
Mahmutbey Mah. Küçük Halkalı Cad. No: 19/A
Bağcılar / İstanbul, Türkiye
Factory
Fatsa OSB Mah. Mehmet Akif Beşik sok. No: 8/1-2
Fatsa / Ordu, Türkiye

Total Area of 27,000 m²

Total Production Quantities
3,127,801 in 2025

Number of Working Days
242 in 2025

Average Number of Employees
990 in 2025

ENVIRONMENTAL POLICY

As Erateks, we are committed to reducing the environmental impact of our operations. This commitment covers minimizing environmental impacts arising from our offices, outsourced production, and warehouse activities, as well as ensuring that our products are manufactured using more sustainable resources.

With this policy, we aim not only to comply with national environmental legislation but also to promote more sustainable environmental practices and continuously improve our environmental management system. Within this scope, our core approach is to identify environmental aspects, assess the types and impacts of environmental risks, and establish the necessary control mechanisms. As part of our objectives, we address key areas including chemical management, water management (including wastewater discharge), and energy management.

We closely monitor developments in regulations, legal requirements, and potential risks within our sector and take the necessary steps to reflect these in our environmental practices. We also commit to improving the environmental performance of our sub-suppliers and ensuring alignment with the environmental policies of the brands and customers we work with.

The following environmental focus areas guide both our sub-suppliers and our operational processes.

These areas are periodically reviewed to ensure they effectively address key environmental challenges in the sector:

1. Responsible Sourcing

We will procure semi-finished and raw materials from more sustainable and traceable sources within our supply chain. In purchasing materials and services for our operations, we will consider the environmental impact of both raw materials and finished products.

2. Chemical Management

We will work towards eliminating the use and discharge of hazardous chemicals. We will also conduct research into safer chemical alternatives and ensure appropriate measures are taken to prevent and control pollution.

3. Resources and Waste

We will reduce the use of non-recyclable materials in our products and explore opportunities for reuse and recycling.

4. Energy Efficiency and Greenhouse Gases

We will transition to renewable energy in suitable operational processes. In addition, we aim to reduce our greenhouse gas emissions by implementing energy efficiency measures. We will collaborate with our sub-suppliers to adopt the same approach. We commit to reducing our Scope 1 and Scope 2 greenhouse gas emissions by 50% by 2030.

5. Water Efficiency and Conservation

We will work to improve water efficiency in both our operations and those of our sub-suppliers, covering both production and domestic water use.

Our environmental program will be implemented in line with the following principles:

- Roles and responsibilities have been defined for our employees and sub-suppliers.
- Environmental impact will be considered in investment and procurement decision-making processes.
- We maintain an internal audit program to monitor environmental compliance and to ensure necessary corrective and preventive actions are taken.
- We establish continuous training and communication programs to build capacity among sub-supplier employees.
- Our strategy, objectives, commitments, and performance are reviewed annually.
- Management commits to continuously monitoring the implementation of the ISO 14001 Environmental Policy and its associated objectives.

Corporate Integrity

INTRODUCTION

The Corporate Carbon Footprint Report includes the greenhouse gas emissions of ERATEKS TEKSTİL SAN. VE TİC. A.Ş. for the calendar year 2025 and has been prepared in accordance with clauses 9.3.1 and 9.3.2 of the ISO 14064-1:2018 standard.

PURPOSE, SCOPE & OBJECTIVE

The aim of the Corporate Carbon Footprint Report is to calculate the greenhouse gas emissions and removals related to all the activities carried out within the boundaries of the ERATEKS TEKSTİL SAN. VE TİC. A.Ş. at the company level, and to make a greenhouse gas declaration according to the requirements of the ISO 14064-1: 2018 standard.

This report covers calculation methodologies of the greenhouse gas emissions within the scope of direct, indirect and other indirect emissions analysis. The study in this report aims to identify and sustainably improve the environmental impact of the company's activities.

BASE YEAR AND REPORTING PERIOD

This analysis is the ERATEKS TEKSTİL SAN. VE TİC. A.Ş. for the period January - December 2025. 2024 calendar year has been determined as the base year.

COMPANY BOUNDARIES

All activities are undertaken within and under the control of ERATEKS TEKSTİL SAN. VE TİC. A.Ş.

The carbon footprint generated within the company can be controlled. Thus, organizational boundaries have been determined according to operational control principles.

REPORTING STANDARD

This Corporate Carbon Footprint Report has been planned and prepared in accordance with ISO 14064-1:2018 standards and clauses 9.2 and 9.3.

About This Study & Report

REPORTING BOUNDARIES

Sources of greenhouse gas emissions are identified and categorized according to ISO 14064-1:2018 standard.

Category 1 - Direct greenhouse gas emissions and removals.

Category 2 - Indirect GHG emissions from purchased energy.

Category 3 - Greenhouse gas emissions from transportation.

Category 4 - Indirect GHG emissions from products used by the company.

Category 5 - Indirect GHG emissions from the use of products produced by the company.

Category 6 - Indirect greenhouse gas emissions from other sources.

MATERIALITY ASSESSMENT

Emission sources were identified by performing a materiality assessment in accordance with Annex-H of ISO 14064-1:2018 Standard. According to the materiality assessment, the sources included in the inventory were calculated, and the sources not included were defined as out-of-scope emission sources.

EXCLUDED EMISSION SOURCES

Emission sources not covered due to company preference are indicated as in ▬ Corporate Carbon Footprint Emission Inventory List of the report.

About This Study & Report

DATA COLLECTION METHODOLOGY

The collection of activity data to be used in greenhouse gas calculations were made based on ERP and other relevant software owned by the company.

CALCULATION METHODOLOGY

The calculation methodologies published by the Intergovernmental Panel on Climate Change (IPCC) and the Greenhouse Gas Protocol (GHG Protocol) have been utilized.
Corporate greenhouse gas inventory calculations were carried out through the KarbonStation Management System online platform.

EMISSION FACTOR SELECTION

For greenhouse gas calculations, International Panel Climate on Change (IPCC), Department for Environment, Food and Rural Affairs (DEFRA) and national grid electricity emission factors were used.

GLOBAL WARMING POTENTIAL SELECTION

IPCC Assessment Report 6 (AR6) parameters were used in carbon dioxide equivalent (CO2e) calculations.

EMISSION REMOVALS

There are no emission removal activities to be declared in this reporting period.

EMISSION REDUCTIONS / INCREASES

The company's assessment of the increase or decrease in carbon emissions compared to the base year is included in the conclusion section of the report.


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Precise Calculations for
Environmental Sustainability

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Greenhouse Gas Emissions	2025 total (tCO2e)	Erateks Fatsa	Erateks Istanbul
Category 1: Direct greenhouse gas emissions and removals	**2,783.94**	**282.26**	**2,501.68**
1.1 Direct emissions from stationary combustion			
Natural gas used for heating	214.15	214.15	-
Diesel used in generators	3.77	3.77	-
LPG used for welding	0.00	-	-
1.2 Direct emissions from mobile combustion			
Direct emissions from mobile combustion Diesel used in company cars and heavy commercial vehicles	55.02	26.17	28.85
Petrol used in company cars	65.49	16.62	48.88
Diesel used in construction machinery	0.00	-	-
1.3 Direct process emissions from industrial process			
Oil consumption (hydraulic oil)	2.16	-	2.16
Grease consumption	0.00	-	-
Purchase of Adblue	0.69	0.30	0.39
1.4 Direct emissions from leaching/leakage of greenhouse in anthropogenic systems			
Refrigerants used in air conditioners (R32, R410A, R407C)	1,695.04	21.16	1,673.88
Refrigerants/fluids in refrigerators, water dispensers, deep freezers (R134A, R600A)	0.33	0.00	0.33
Refrigerants used in fire extinguishers (CO2, HCF-227ea)	747.29	0.09	747.20
SF6 gases used in transformers	0.00	-	-
Emissions from wastewater treatment plant	0.00	-	-
1.5 Direct emissions from land use, land use change and forestry activites			
Direct emissions from biomass	0.00	-	-

Included Emission Source **Not Available Within the Company** **Excluded Emission Source**

Corporate Carbon Footprint

Emissions Inventory

Greenhouse Gas Emissions	2025 total (tCO2e)	Erateks Fatsa	Erateks Istanbul
Category 2: Indirect greenhouse gas emissions from purchased energy	**719.81**	**432.52**	**287.29**
2.1 Indirect emissions from purchased electricity			
Electricity consumption	719.81	432.52	287.29
2.2 Indirect emissions from purchased energy			
Steam consumption	0.00	-	-
Category 3: Indirect greenhouse gas emissions from transportation	**277.71**	**37.54**	**240.17**
3.1 Emissions from upstream transport and distribution of goods (to the organization)			
Transport and distribution of good by subcontractor	0.00	-	-
3.2 Emissions from downstream transport and distribution of good (outgoing organization)			
Air Transport	28.73	-	28.73
Land Transport	110.61	-	110.61
Water Transport	0.00	-	-
3.3 Emissions from employee transportation			
Diesel used in personel service vehicles	66.86	37.54	29.32
3.4 Emissions from customer and visitor transportation			
Customer and visitor transportation	0.00	-	-
3.5 Emissions from business travel			
Emissions from company air travel	55.31	-	55.31
Emissions from company taxi trips	0.69	-	0.69
Emissions from accommodation	15.50	-	15.50

Included Emission Source **Not Available Within the Company** **Excluded Emission Source**

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Corporate Carbon Footprint

Emissions Inventory

Greenhouse Gas Emissions	2025 total (tCO2e)	Erateks Fatsa	Erateks Istanbul
Category 4: Indirect greenhouse gas emissions from products used by the company	**12,397.32**	**699.92**	**11,697.40**
4.1 Emissions from purchased products			
Water supply	1.59	1.32	0.28
Purchase of paper and cardboard products	133.84	-	133.84
Purchase of plastic products	0.00	-	-
Purchase of raw materials (fabric)	8,242.00	-	8,242.00
Purchase of raw materials (yarn)	557.83	-	557.83
Purchase of accessory products	4.97	-	4.97
Purchase of raw materials (chemical)	53.39	-	53.39
Purchase of food products	772.11	662.55	109.56
4.2 Greenhouse gas emissions from the services used			
Emissions from the production, delivery, and processing of fuels (WTT)	0.00	-	-
Emissions from business travel (WTT)	0.00	-	-
Emissions from cargo and transportation (WTT)	0.00	-	-
4.3 Emissions from capital assets (movable & immovable)			
Purchase of electrical products	145.90	-	145.90
Purchase of machine	2,413.54	-	2,413.54
Purchase of office products	15.96	-	15.96
4.4 Emissions from recycling and disposal of solid and liquid waste			
Plastic waste recycling	0.35	0.28	0.07
Recycling of paper-cardboard waste	3.81	2.26	1.55
Recycling of scrap metal waste	0.11	0.11	-
Disposal of domestic solid waste	11.12	7.29	3.83

Included Emission Source **Not Available Within the Company** **Excluded Emission Source**

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	Greenhouse Gas Emissions	2025 total (tCO2e)	Erateks Fatsa	Erateks Istanbul
	Disposal of hazardous waste	0.16	0.11	0.05
	Disposal of medical waste	0.01	0.01	-
	Recovery of organic waste	35.09	23.00	12.09
	Recycling of textile waste	5.52	2.98	2.54
4.5	**Emissions from the purchase/use of services not disclosed in the above subcatogeries**	0.00	-	-
	LPG cylinders used in the dining hall	0.00	-	-
Category 5: Indirect greenhouse gas emissions from the use of products produced by the organization		0.00	-	-
5.1	Emissions or removals resulting from the use of the product	0.00	-	-
5.2	Emissions from downstream leased assets	0.00	-	-
5.3	Emissions from end-of-life of the product	0.00	-	-
5.4	Emissions from investments	0.00	-	-
Category 6: Indirect greenhouse gas emissions from other sources		0.00	-	-
	Emissions from other sources	0.00	-	-
	TOTAL	**16,178.77**	**1,452.23**	**14,726.54**

Included Emission Source **Not Available Within the Company** **Excluded Emission Source**


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Right Methods for Accurate Results

Summary

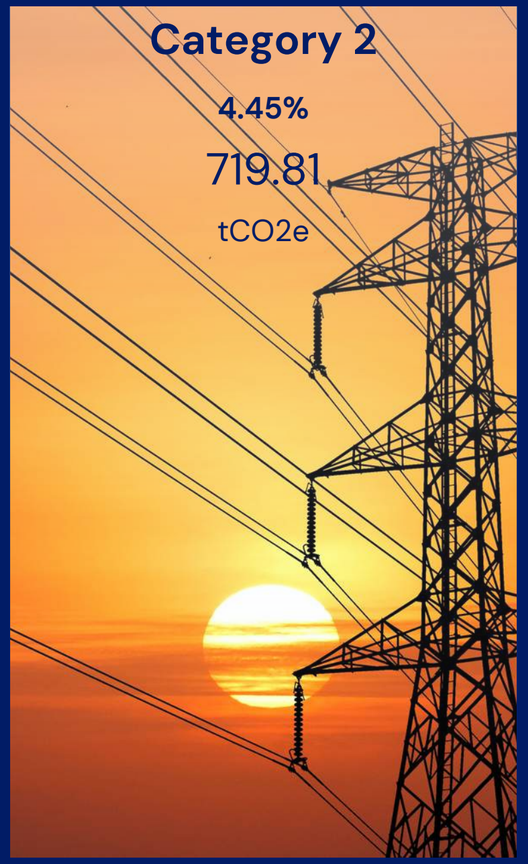
GREENHOUSE GAS EMISSIONS BY CATEGORY

Category 1

17.21%

2,783.94

tCO2e



Category 2

4.45%

719.81

tCO2e

Category 3

1.72%

277.71

tCO2e

Category 4

76.63%

12,397.32

tCO2e

TOTAL = 16,178.77 tCO2e

Summary

CATEGORY 1 TOTAL GREENHOUSE GAS EMISSIONS

2,783.94 tCO2e

Air Conditioning	60.89%	1,695.04 tCO2e
Fire Extinguishers	26.84%	747.29 tCO2e
Natural gas	7.69%	214.15 tCO2e
Company Cars	4.33%	120.52 tCO2e
Generator	0.14%	3.77 tCO2e
Industrial Processes	0.10%	2.84 tCO2e
Refrigerator, Water Dispenser and Deep Freezer	0.01%	0.33 tCO2e

CATEGORY 2 TOTAL GREENHOUSE GAS EMISSIONS

719.81 tCO2e

Electricity	→	100%	→ 719.81 tCO2e

Summary

CATEGORY 3 TOTAL GREENHOUSE GAS EMISSIONS

277.71 tCO2e

Cargo	50.18%	139.34 tCO2e
Employee Services	24.08%	66.86 tCO2e
Business Travel Flight	19.92%	55.31 tCO2e
Business Travel Accommodation	5.58%	15.50 tCO2e
Business Travel Taxi	0.25%	0.69 tCO2e

CATEGORY 4 TOTAL GREENHOUSE GAS EMISSIONS

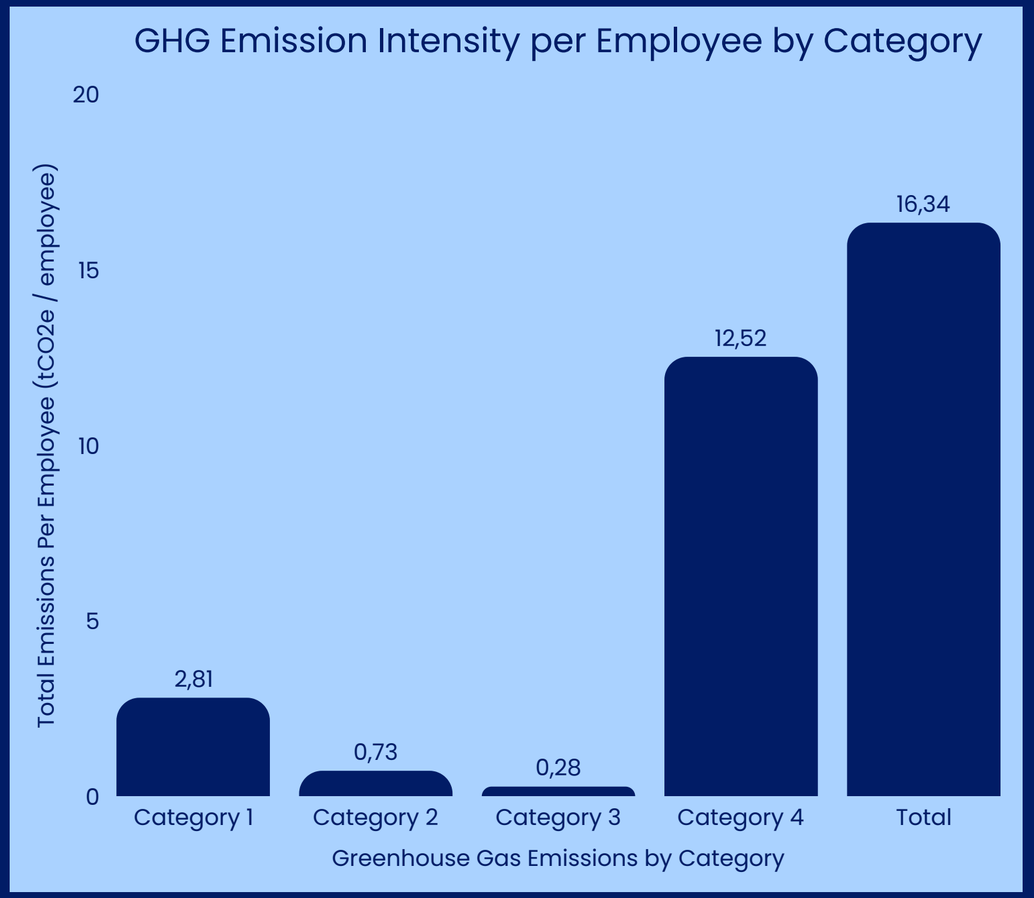
12,397.32 tCO2e

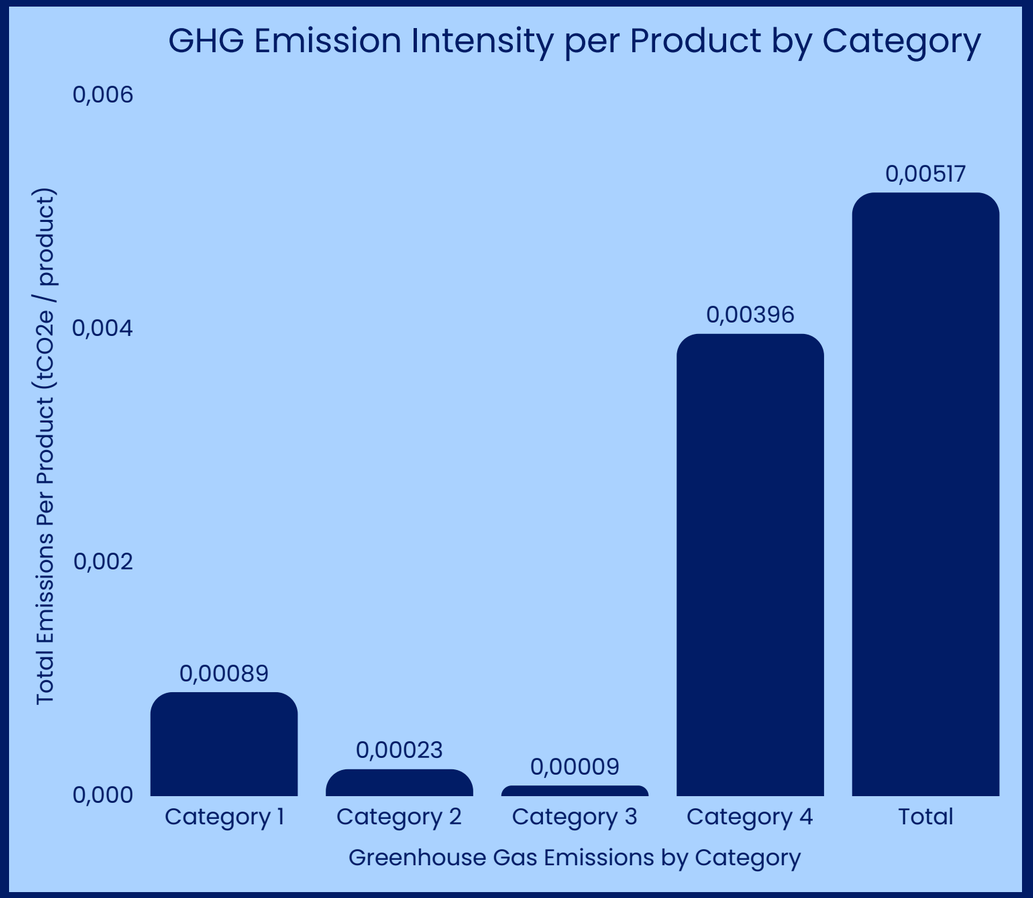
Emissions from purchased goods	78.77%	9,765.74 tCO2e
Emissions from capital assets (movable & immovable)	20.77%	2,575.40 tCO2e
Emissions from the recycling and disposal of solid and liquid waste	0.45%	56.18 tCO2e

Summary

EMISSION INTENSITY

Emission intensity within the organization is monitored by the number of employees and emissions per annual production volume. The table below shows the emission intensity values per employee and per production quantities within the reporting period.





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Conclusion

MITIGATION ACTIONS

During the reporting period, a Renewable Energy Certificate (REC) was applied for electricity consumption. The REC expands the organization's electricity service options, conveys the environmental attributes and claims of renewable electricity use, and supports the development of renewable energy. It represents the environmental benefits of specific actions that may help reduce greenhouse gas emissions.

The certificate verifies that the renewable electricity originates from a low - or zero - emission source, thereby reducing the organization's Category 2 emissions associated with electricity use. As a result, the organization has fully offset its market-based Category 2 emissions by **100%**.

During the 2025 reporting period, at Erateks Tekstil San. ve Tic. A.Ş., a total of **676,984 kWh** out of **2,154,037 kWh** of electricity consumption was supplied by the installed solar energy system (SES), resulting in **32%** of the total electricity consumption being generated from renewable energy sources and contributing to a reduction in the company's carbon emissions.

I-REC STANDARD

CONCLUSION

- The Corporate Carbon Footprint Calculation and Reporting of ERATEKS TEKSTİL SAN. VE TİC. A.Ş. for the year 2025 covers Categories 1, 2, 3, and 4 in accordance with internationally recognized greenhouse gas accounting standards.
- The **total** carbon footprint of ERATEKS TEKSTİL SAN. VE TİC. A.Ş., based on activities within Categories 1 to 4, was calculated as **16,178.77** tCO_2e for **2025**, while it was identified as **12,687.45** tCO_2e in the base year, **2024.**
- **Category 1** emissions represent **17.21%** of the company's total carbon footprint. Within this category, air conditioners used in operational activities are identified as the main emission source, accounting for **60.89%** of **Category 1** emissions.
- **Category 2**, which covers electricity consumption, contributes **4.45%** to the company's total emissions.
- **Category 3**, representing indirect greenhouse gas emissions from transportation, constitutes only **1.72%** of the total emissions of ERATEKS TEKSTİL SAN. VE TİC. A.Ş.
- **Category 4,** related to indirect emissions from purchased goods and services, accounts for the largest share, with **76.63%** of the total carbon footprint. Of this, emissions from purchased products constitute **78.77%** of **Category 4** emissions.
- The company's emissions per employee were calculated as **16.34** tCO_2e in **2025**, while they were identified as **15.56** tCO_2e in the base year, **2024**.
- The company's emissions per unit of production were calculated as **0.00517** tCO_2e in **2025**, while they were identified as **0.00466** tCO_2e in the base year, **2024**.

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Cooperation is crucial for change, transformation and sustainable development.
No one should be left behind.

GREENHOUSE GAS PROTOCOL

ipcc INTERGOVERNMENTAL PANEL ON climate change

ISO

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