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Corporate Carbon Footprint Report

2024

CONTENT

This study supports the relevant United Nations Sustainable Development Goals.

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The Journey to Net Zero Emissions

Name of the Company

ERATEKS TEKSTIL SAN. VE TIC. A.Ş.

Addres - Head Quarters

Mahmutbey Mah. Küçük Halkalı Cad.
No: 19/A Bağcılar/ İSTANBUL

Addres - Factory

Fatsa OSB M. Akif Beşik sok. No: 8/1-2
Fatsa Ordu, Türkiye

Total Area (m²)

24,000

2024 Average Number of Employees

815

2024 Total Production Amount

2,720,927

2024 Number of Working Days

236

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.

ENVIRONMENTAL POLICY

To comply with the national environmental legislation and ensure its ongoing relevance,

To achieve measurable and continuous improvement in all possible areas related to the environment,

To identify environmental aspects, determine the types and impacts of environmental effects,

To minimize pollution and waste, and to ensure the disposal of hazardous waste with the least possible environmental impact,

To provide continuous training to employees and subcontractors and encourage them to implement these principles,

To set environmental objectives and targets in line with these principles and review progress annually,

To continuously improve our Environmental Management System (EMS) based on these guiding principles.

These principles will be communicated to the public using appropriate communication channels and will remain open to public feedback.

The management will consistently monitor and ensure the implementation of the ISO 14001 Environmental Policy and its associated objectives to which it is committed. All details related to the Environmental Management System are outlined in the instruction ERA.T.29.01 – General Environmental Management System Information.

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.

Seda Toker Özgür
Head of Corporate Sustainability
sedatoker@erateks.com

Dilan Dolaş Aytemür
Manager
Corporate Sustainability
dilandolas@erateks.com

Aziz Efe Ün
Analyst
Corporate Sustainability
efeun@erateks.com

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Corporate Integrity

INTRODUCTION

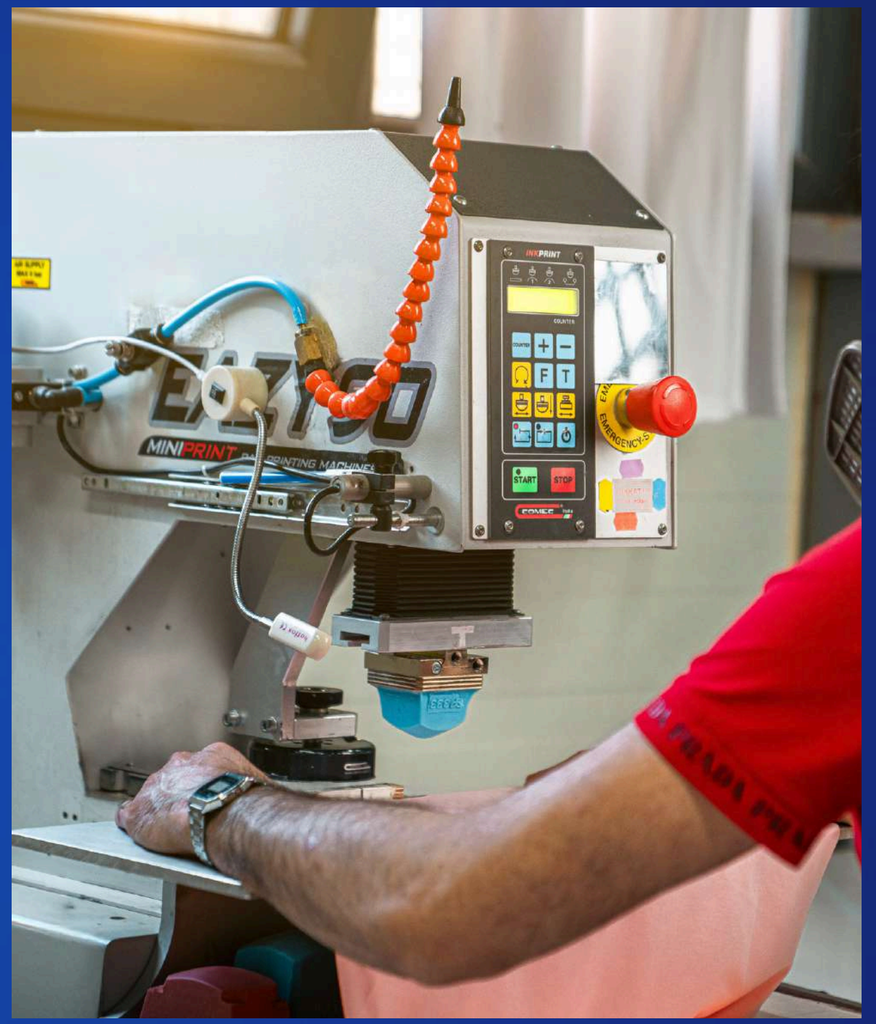
The Corporate Carbon Footprint Report includes the greenhouse gas emissions of Erateks Tekstil San. ve Tic. A.Ş. for the calendar year 2024 and has been prepared in accordance with clauses 9.3.1 and 9.3.2 of the ISO 14064-1:2018 standard.

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 Tekstil San. ve Tic. 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 Tekstil San. ve Tic. A.Ş. for the period January - December 2024. 2024 calendar year has been determined as the base year.



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.

COMPANY BOUNDARIES

All activities are undertaken within and under the control of Erateks Tekstil San. Ve Tic. A.Ş. The carbon footprint generated within the company can be controlled. Thus, organizational boundaries have been determined according to operational control principles.

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 imported 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.

METERIALITY 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.

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.

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

Corporate Carbon Footprint Emissions Inventory

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

Greenhouse Gas Emission Sources		2024 Total tCO2e	Fatsa	Istanbul
Category 1: Direct greenhouse gas emissions and removals		**648.88**	**474.70**	**174.18**
1.1	Direct emissions from stationary combustion			
	Natural gas used for heating purposes	173.17	173.17	-
	Diesel used in generators	6.15	6.15	-
	LPG used in welding processes	-	-	-
	Coal used in the boiler room	-	-	-
	LNG used in the units	-	-	-
1.2	Direct emissions from moving combustion			
	The diesel used in company vehicles	67.31	32.79	34.52
	Gasoline used in company vehicles	14.02	1.32	12.70
	Diesel used in construction equipment	-	-	-
1.3	Direct process emissions and removals from industrial processes			
	Oil consumption (hydraulic oil)	-	-	-
	Grease oil consumption	-	-	-
	Adblue purchase	-	-	-
1.4	Direct emissions from leakage/leakage of greenhouse gases in anthropogenic systems			
	Refrigerant gases used in air conditioners	280.47	153.51	126.96
	Refrigerant gases/fluids	7.20	7.20	-
	Refrigerants used in fire extinguishers	100.56	100.56	-
	SF6 gases used in transformers	-	-	-
	Emissions from waste water treatment plant	-	-	-
1.5	Direct emissions from land use, land use change and forestry activities			
	Direct emissions from biomass	-	-	-
Category 2: Indirect greenhouse gas emissions from imported energy		**645.17**	**401.88**	**243.29**
2.1	Indirect emissions from imported electricity			
	Electricity consumption	645.17	401.88	243.29

Corporate Carbon Footprint Emissions Inventory

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

Greenhouse Gas Emission Sources	2024 Total tCO2e	Fatsa	Istanbul
2.2 Indirect emissions from imported energy			
Steam consumption	-	-	-
Category 3: Indirect greenhouse gas emissions from transportation	**207.69**	**36.38**	**171.31**
3.1 Emissions from upstream transport and distribution of goods (inbound to the company)			
Transportation and distribution of goods by subcontractor	-	-	-
3.2 Emissions from downstream transport and distribution of goods (outbound from the establishment)			
Air transportation	-	-	-
Land transportation	4.40	-	4.40
Sea transportation	-	-	-
3.3 Emissions from employee transportation			
Diesel fuel used in personnel service vehicles	48.59	36.38	12.21
3.4 Emissions from customer and visitor transportation			
Customer and visitor transportation	-	-	-
3.5 Emissions from business travel			
Emissions from company air travel	35.12	-	35.12
Emissions from company taxi trips	1.48	-	1.48
Emissions from accommodation	118.10	-	118.10
Category 4: Indirect greenhouse gas emissions from products used by the company	**11,185.71**	**2,404.20**	**8,781.51**
4.1 Emissions from purchased products			
Water supply	0.19	-	0.19
Purchase of paper and cardboard products	6.64	-	6.64
Purchase of plastic products	86.82	-	86.82
Purchase of raw materials (fabric)	526.61	-	526.61
Purchase of raw materials (yarn)	5,439.00	-	5,439.00
Purchase of accessory products	4.88	-	4.88
Purchase of raw materials (chemical)	-	-	-

Corporate Carbon Footprint Emissions Inventory

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

	Greenhouse Gas Emission Sources	2024 Total tCO2e	Fatsa	Istanbul
	Purchase of food products	627.99	560.07	67.92
4.2	**Emissions from services used**			
	Emissions from the production, delivery, and processing of fuels (WTT)	-	-	-
	Emissions from business travel (WTT)	1,998.00	-	1,998.00
	Emissions from cargo and transportation (WTT)	2,330.48	1,745.00	585.48
4.3	**Emissions from capital assets (movable & immovable)**			
	Purchase of electrical products	63.60	19.60	44.00
	Purchase of office supplies	6.88	-	6.88
4.4	**Emissions from recycling and disposal of solid and liquid waste**			
	Waste water treatment	1.65	1.40	0.25
	Recycling of plastic waste	1.74	0.29	1.46
	Recycling of paper and cardboard waste	1.86	0.41	1.45
	Recycling of scrap metal waste	0.10	0.10	-
	End-of-life tires	-	-	-
	Commercial and industrial waste	-	-	-
	Disposal of domestic solid waste	85.50	76.39	9.11
	Disposal of hazardous waste	-	-	-
	Disposal of medical waste	-	-	-
	Energy recovery of waste oils	-	-	-
	Recycling of battery	-	-	-
	Recycling of textile waste	3.77	0.94	2.83
4.5	**Emissions from the purchase/use of services not disclosed in the above subcatogeries**			
	LPG cylinders used in the cafeteria	-	-	-
	TOTAL	**12,687.45**	3,317.16	9,370.29

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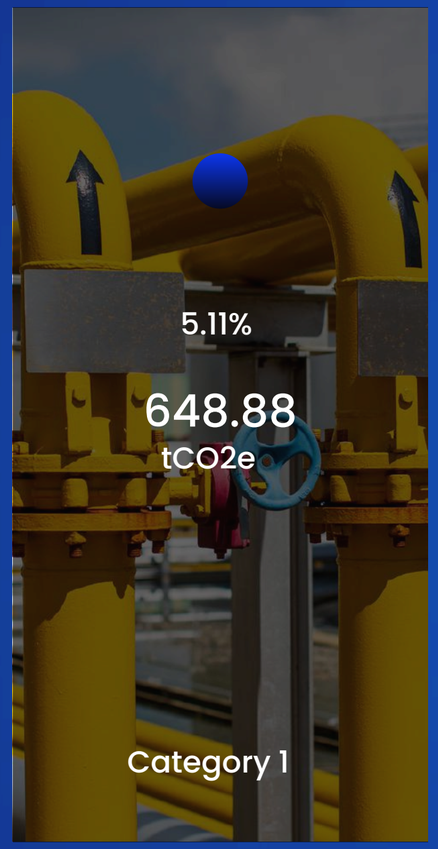
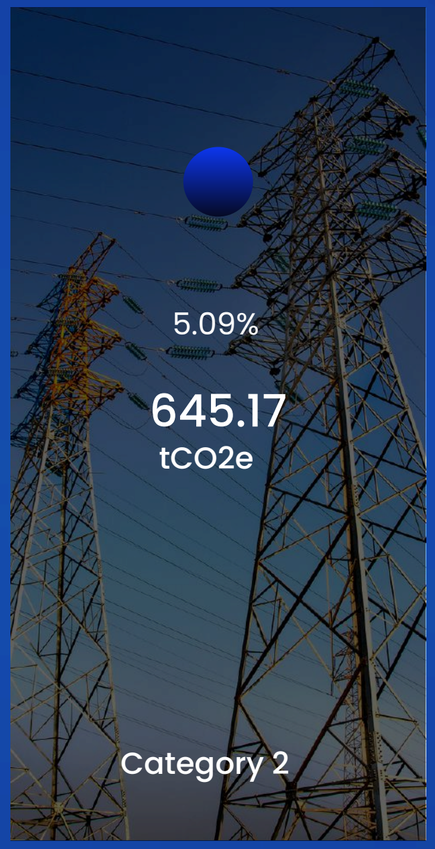
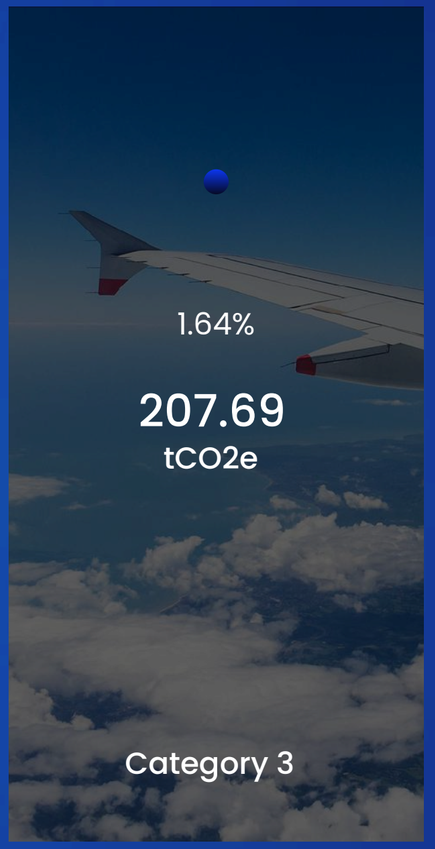
Right Methods for Accurate Results

GREENHOUSE GAS EMISSIONS BY CATEGORY







TOTAL	12,687.45 tCO2e

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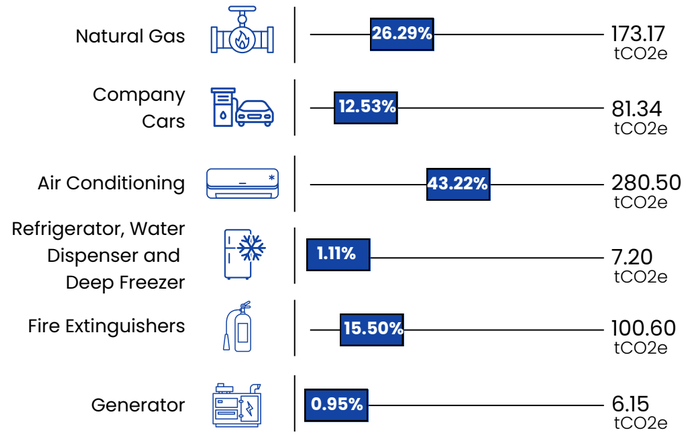
CATEGORY 1 TOTAL GREENHOUSE GAS EMISSIONS

648.88 tCO2e



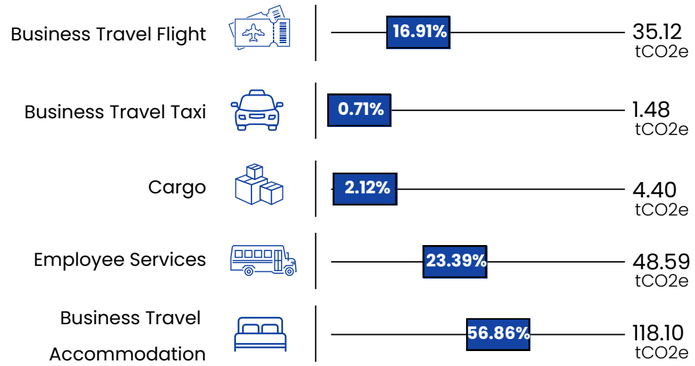
CATEGORY 2 TOTAL GREENHOUSE GAS EMISSIONS

645.17 tCO2e

Electricity		100%	645.17 tCO2e

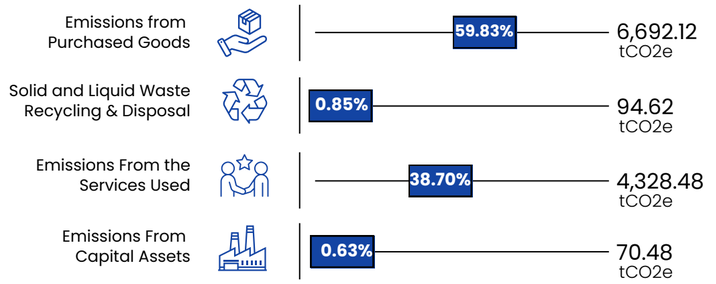
CATEGORY 3 TOTAL GREENHOUSE GAS EMISSIONS

207.69 tCO2e



CATEGORY 4 TOTAL GREENHOUSE GAS EMISSIONS

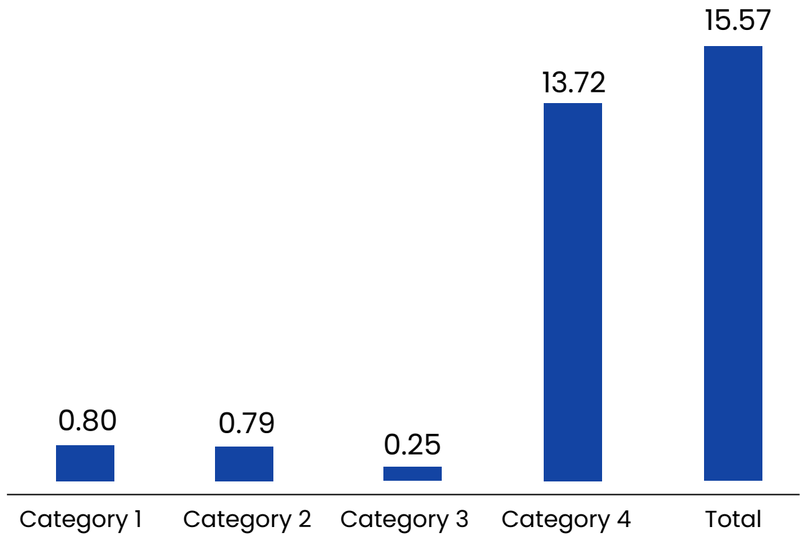
11,185.71 tCO2e



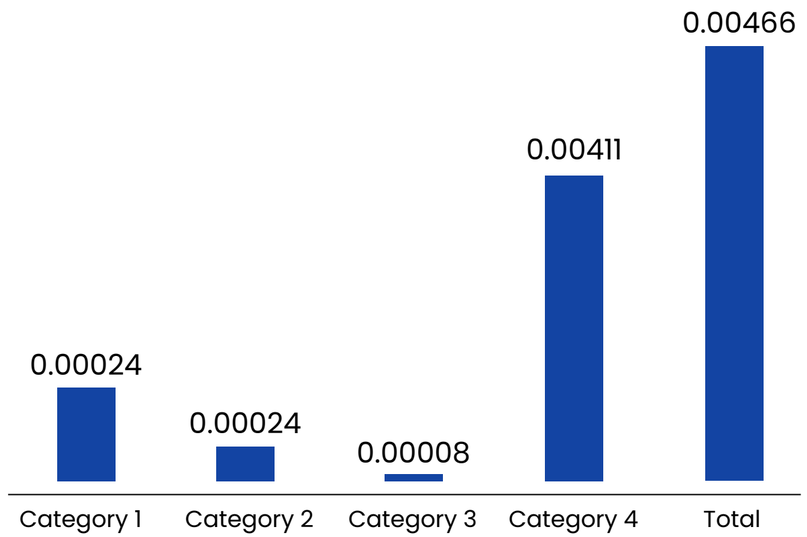
EMISSION INTENSITY

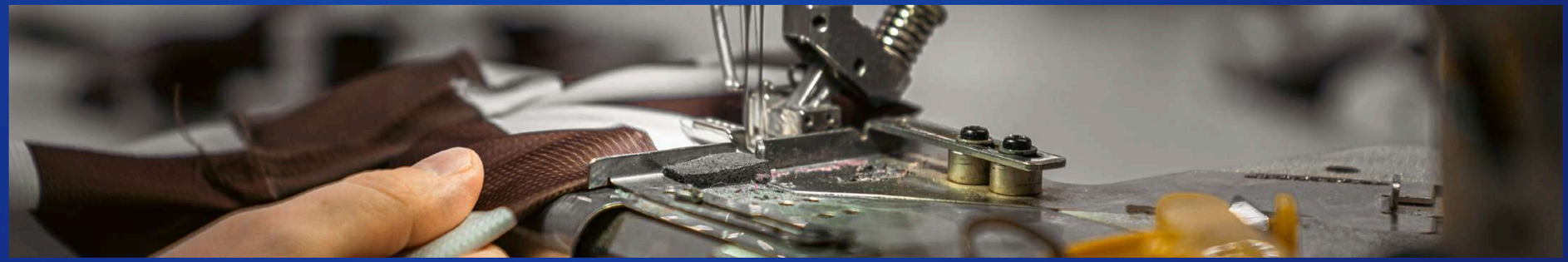
Emission intensity within the organization is monitored by the number of employees and emissions per annual production amount. The table below shows the emission intensity values per employee and per production unit within the reporting period

TOTAL EMISSIONS PER EMPLOYEE tCO2e / employee



TOTAL EMISSIONS PER PRODUCT tCO2e / product





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Take Control of Your Carbon Impact

EMISSION REDUCTION ACTIONS

International Renewable Energy Certificate (I-REC) is applied for electricity use during the reporting period. The certificate verifies that the renewable electricity either offsets the organization's emissions associated with electricity use for category 2 or comes from a zero emission source. Thus, the organization has offset approximately **100%** of its category 2 emissions.

THE INTERNATIONAL REC STANDARD

CONCLUSION

1. The Corporate Carbon Footprint Calculation and Reporting of Erateks Tekstil Sanayi ve Ticaret A.Ş. for the year 2024 covers Categories 1, 2, 3, and 4 in accordance with internationally recognized greenhouse gas accounting standards.
2. The **total** carbon footprint of Erateks Tekstil Sanayi ve Ticaret A.Ş. for 2024, based on activities within Categories 1 to 4, is calculated as 12,678.54 tCO_2e.
3. **Category 1** emissions represent **5.12%** 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 **43.22%** of Category 1 emissions.
4. **Category 2**, which covers electricity consumption, contributes to **5.09%** of the company's total emissions.
5. **Category 3**, representing indirect greenhouse gas emissions from transportation, constitutes only **1.64%** of the total emissions of Erateks Tekstil Sanayi ve Ticaret A.Ş.
6. **Category 4**, related to indirect emissions from purchased goods and services, accounts for the largest share, with **87.54%** of the total carbon footprint. Of this, emissions from purchased products constitute **59.51%** of Category 4 emissions.
7. The company's **emissions per employee** were calculated as **15.56** tCO_2e in 2024.
8. The company's **emissions per unit of production** were calculated as **0.00466** tCO_2e in 2024.

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No one should be left behind.