

Date: 27.09.2025

Rev.: 1



ÇAĞ DERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ-EURO PARK OTEL
GREENHOUSE GAS INVENTORY REPOR
GHG Protocol

2024 Report
01.01.2024-31.12.2024



ETHIC METAL GERİ DÖNÜŞÜM SAN.TİC. A.Ş
www.co2manager.eu

Abbreviations and Terms

CH ₄	Methane
N ₂ O	Nitrous Oxide
PFC	Perfluorocarbons
SF ₆	Sulfur Hexafluoride
CO ₂	Carbon Dioxide
CO ₂ e	Carbon Dioxide Equivalent
NCV	Net Calorific Value
EF	Emission Factor;
GHG	Greenhouse Gas
GWP	Global Warming Potential
HFC	Hydrofluorocarbons
IPCC	Intergovernmental Panel on Climate Change
WTT	All Greenhouse Gas Emissions from Fuel Production, Transportation, and Distribution
I/Ni	Important / Not important
Greenhouse gas emission factor	A coefficient related to greenhouse gas activity data and greenhouse gas emissions.
Greenhouse gas inventory	Information on greenhouse gas sources, greenhouse gas sinks, greenhouse gas emissions, and greenhouse gas removals related to a local government.
Emission factor	A measurement that represents the amount of greenhouse gases or pollutants released into the atmosphere per unit of time or per unit of product.
Activity data	A quantitative measure of an activity that results in a greenhouse gas emission or removal.
Global Warming Potential (GWP)	An index based on the dispersal characteristics of greenhouse gases, measuring the dispersal power of a specific unit mass of a GHG included in the atmosphere today, relative to carbon dioxide (CO ₂), following an instantaneous emission over a selected time horizon.
Reporting year	The 12-month period during which the greenhouse gas inventory is reported.
Uncertainty	The estimated range of the true value at a specific confidence level.
Verification	The process of assessing the accuracy, reliability, and validity of the content of a document or report.
Verifier	A competent and impartial person responsible for conducting and reporting a verification.
Target User	A person or organization defined by those reporting greenhouse gas information, who relies on this information for decision-making.

Company Information

Company:	ÇAĞ DERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ-EURO PARK OTEL
Address:	BARBAROS HAYRETTİN PAŞA MAH. 1992 SOK. NO:4-1 ESENYURT İSTANBUL
Tax No:	2160048703
Tax Office:	ESENYURT VERGİ DAİRESİ
Phone:	0 531 575 95 24
Email:	baharakar@europarkotel.com
Website:	europarkotel.com
Number of Employees:	58
Area of Activity:	14564.00m ²

Report Content: This report contains the GHG Protocol (01.01.2024-31.12.2024) report for the company mentioned above. The CO2Manager software has been prepared using global and local data. The data has been processed by selecting appropriate emission factors for the relevant calendar year. The report preparation frequency is annual.

This report has been prepared using data obtained from sources deemed reliable through the Ethic A.Ş. (CO2Manager) software. The evaluations and projections presented in the report reflect the results derived based on the methods outlined in the report and the data entered by the relevant company into the system. Ethic A.Ş. bears no responsibility for the completeness and accuracy of the data presented in the report. In other words, the responsibility for using and applying all information and data provided in this report lies directly or indirectly with those who make investment decisions or provide financing based on this report. Ethic A.Ş. shall not be held liable for any damages that third parties may incur, directly or indirectly, as a result of the outcomes derived from this report.

Table of Contents[1. Purpose and Scope](#)[2. General Description of the Organization and the Report](#)[2.1 Description of the Reporting Organization](#)[2.2 Reporting Period and Reporting Frequency](#)[2.3 Boundaries of the Reporting Organization](#)[2.4 Responsible Persons and/or Organizations for the Report](#)[2.5 Target Group](#)[2.6 Verification Status of the Greenhouse Gas Emission Inventory](#)[2.7 Verifiers and/or Organizations for the Report](#)[2.8 Approach Used for the Consolidation of Emissions and Removals](#)[2.9 Calculation Methodologies / Selection of Emission and Removal Factors](#)[2.10 Collection of Activity Data and Greenhouse Gas Quality Management](#)[3 Greenhouse Gas Emission Inventory](#)[3.1 Greenhouse Gas Emission Inventory Graphs](#)[3.2 Greenhouse Gas Emission Inventory Data](#)[4 Performance and Results Evaluation](#)[5 References](#)

1. Purpose and Scope

This report aims to not only promote ÇAĞ DERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ-EURO PARK OTEL's sustainability practices and raise awareness in the sector, but also to monitor and manage the environmental impacts resulting from its own operations. In this regard, greenhouse gas emissions calculations for BARBAROS HAYRETTİN PAŞA MAH. 1992 SOK. NO:4-1 ESENİYURT İSTANBUL have been carried out in accordance with the GHG Protocol standard using the data from the ÇAĞ DERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ-EURO PARK OTEL 2024 Report (01.01.2024-31.12.2024). This calculation has been performed for the working area with a gross area of 14564.00 m² located at the mentioned address. The greenhouse gas emissions calculation aims to measure and manage the impacts of ÇAĞ DERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ-EURO PARK OTEL's sustainability strategy on climate change.

2. General Description of the Organization and the Report

The 2024 Report presents the greenhouse gas (GHG) emissions inventory (Scope 1 and 2) for the reporting period (01.01.2024-31.12.2024). The emissions inventory has been prepared in accordance with the requirements specified in the GHG Protocol Standard and is aligned with the Guidance for Organizational Level GHG Emissions Measurement and Reporting to demonstrate compliance with the GHG Protocol Standard. The main objective of this GHG report is to ensure compliance with the GHG Protocol Standard and to facilitate the verification process of the GHG inventory.

2.1 Description of the Reporting Organization

Euro Park Hotel, the first hospitality investment of Çağ Group, began its journey in Beylikdüzü, Istanbul. Alongside hospitality, Çağ Group is also active in diverse fields such as leather, construction, textiles, and other industries, mainly in Istanbul and across Türkiye. With our service quality and standards, we aim to be recognized both nationally and internationally, combining global benchmarks with Turkish hospitality. Our goal is to become a leading player in the sector while building strong brand value. Euro Park Hotel also plans new investments in Türkiye's growing tourism and hospitality industry. Guided by our core values, we embrace a reliable and preferred approach to hospitality—one that is warm, environmentally and socially conscious, and always centered on guest satisfaction.

2.2 Reporting Period and Reporting Frequency

The Greenhouse Gas Inventory Report covers the period of the 2024 Report (01.01.2024-31.12.2024). The report is prepared annually.

2.3 Boundaries of the Reporting Organization

This report contains Greenhouse Gas Calculations for the addresses listed below.

ÇAĞ DERİ SAN.VE TİC.A.Ş.-EURO PARK OTEL

BARBAROS HAYRETTİN PAŞA MAHALLESİ 1192 SOKAK NO:4-1 ESENİYURT 34522 İstanbul TR

2.4 Responsible Persons and/or Organizations for the Report

Related Person	Company	Position	E-mail
ELÇİN GENÇ	ELGE DANIŞMANLIK	Çevre Yüksek Mühendisi	elcingenc@gmail.com

2.5 Target Group

2.6 Verification Status of the Greenhouse Gas Emission Inventory

This report has been prepared in accordance with the GHG Protocol, and the data presented in the report will be verified by with a "Sınırlı Güven Seviyesi" level of assurance in compliance with the GHG Protocol.

2.7 Verifiers and/or Organizations for the Report

Company

2.8 Approach Used for the Consolidation of Emissions and Removals

The organization is responsible for all calculated greenhouse gas emissions and/or removals from facilities under its financial and administrative control. Therefore, the "Operasyonel Kontrol" method has been selected for the consolidation of greenhouse gas emissions and removals.

2.9 Calculation Methodologies / Selection of Emission and Removal Factors

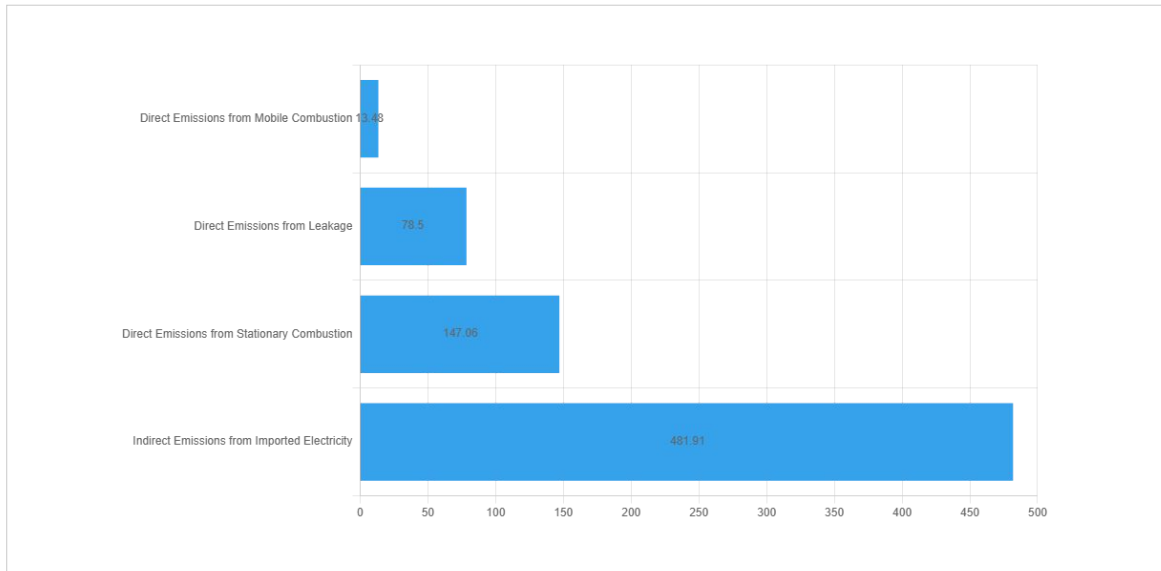
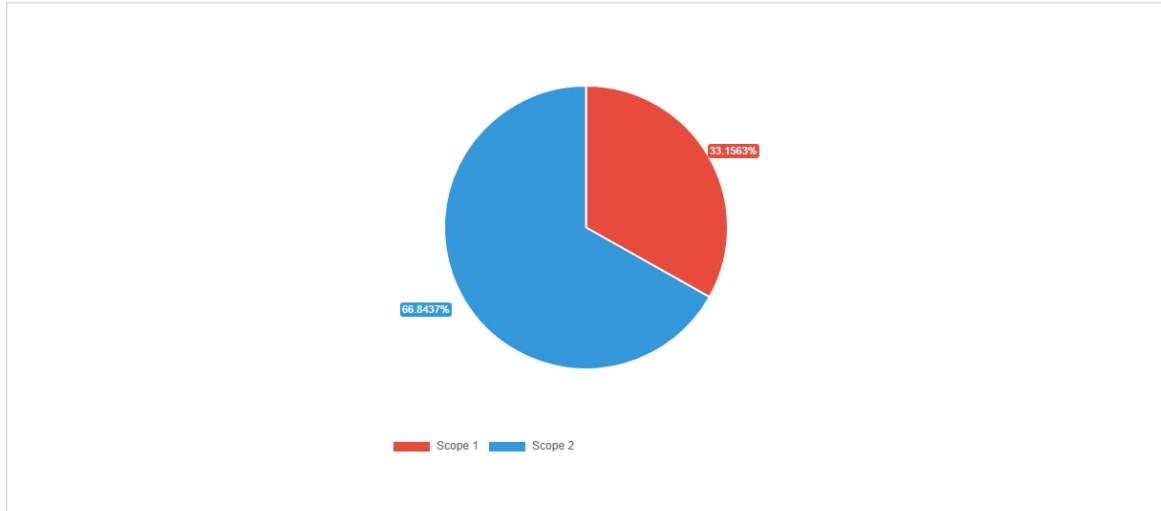
Calculation Methodologies / Selection of Emission and Removal Factors Since there is no system for determining the amount of greenhouse gas using the measurement methodology in the emission sources included in the greenhouse gas inventory of the organization and explained below, the "Hesaplama Temelli" method was preferred.

2.10 Collection of Activity Data and Greenhouse Gas Quality Management

The activity data used for the greenhouse gas calculation is collected and controlled in accordance with the Greenhouse Gas Monitoring Procedure processes established within the Quality Management System implemented by the organization. A Greenhouse Gas Activity Monitoring Plan has been prepared and implemented, outlining who, where, when, and how the data within the inventory will be collected.

Greenhouse Gas Inventory Quality Management is ensured through processes such as Document and Record Control, Corrective Actions, Internal Audits, Management Reviews, Training, and Calibration, which have been established within the organization.

3 Greenhouse Gas Emission Inventory
3.1 Greenhouse Gas Emission Inventory Graphs



3.2 Greenhouse Gas Emission Inventory Data

Data Type	Start Date	End Date	Quantity	Unit	EF CO2(kg e)	Total CO2(Ton e)
Scope 1						
Direct Emissions from Stationary Combustion						
Natural gas	18-11-2024	18-12-2024	7632	cubic metres	1.94	14.8116
Natural gas	18-10-2024	18-11-2024	7811	cubic metres	1.94	15.15899
Natural gas	17-09-2024	17-10-2024	5523	cubic metres	1.94	10.71861
Natural gas	17-08-2024	17-09-2024	5234	cubic metres	1.94	10.15774
Natural gas	02-08-2024	17-08-2024	2612	cubic metres	1.94	5.06917
Natural gas	10-07-2024	01-08-2024	3460	cubic metres	1.94	6.714899999999999
Natural gas	05-06-2024	10-07-2024	5469	cubic metres	1.94	10.613809999999999
Natural gas	07-05-2024	04-06-2024	6215	cubic metres	1.94	12.06159
Natural gas	06-04-2024	06-05-2024	7113	cubic metres	1.94	13.80436
Natural gas	14-02-2024	11-03-2024	7768	cubic metres	1.94	15.07554
Natural gas	18-01-2024	13-02-2024	8003	cubic metres	1.94	15.53161
Natural gas	01-01-2024	17-01-2024	7884	cubic metres	1.94	15.30066
Gas/Diesel Oil	01-01-2024	31-12-2024	610	Litres	2.72	1.6576099999999998
Beyaz Ispirto	01-01-2024	31-12-2024	122.1	kg	3.19	0.38932
Direct Emissions from Leakage						
R404A	01-01-2024	31-12-2024	16.6	kg	4728	78.4848
Carbon dioxide	01-01-2024	31-12-2024	20	kg	1	0.02
Direct Emissions from Mobile Combustion						
Diesel	01-01-2024	31-12-2024	3473.41	Litres	2.75	9.5572
Petrol	01-01-2024	31-12-2024	1604.74	Litres	2.37	3.79806
Liquified petroleum gas (LPG)	01-01-2024	31-12-2024	78.94	Litres	1.59	0.12515
Scope 2						
Indirect Emissions from Imported Electricity						
Electricity	30-11-2024	31-12-2024	96557.22	kWh	0.44	42.678290000000004
Electricity	31-10-2024	30-11-2024	88490.43	kWh	0.44	39.11277
Electricity	30-09-2024	31-10-2024	86041.62	kWh	0.44	38.0304
Electricity	31-08-2024	30-09-2024	103651.11	kWh	0.44	45.81379
Electricity	31-07-2024	31-08-2024	124549.83	kWh	0.44	55.051019999999994
Electricity	01-06-2024	30-06-2024	94137.39	kWh	0.44	41.60873
Electricity	30-04-2024	20-05-2024	29574.09	kWh	0.44	13.07175
Electricity	31-01-2024	29-02-2024	86484.6	kWh	0.44	38.22619
Electricity	29-02-2024	31-03-2024	85457.88	kWh	0.44	37.77238
Electricity	01-07-2024	31-07-2024	120641.67	kWh	0.44	53.323620000000005
Electricity	01-01-2024	31-01-2024	103458.6	kWh	0.44	45.728699999999996
Electricity	01-04-2024	30-04-2024	71270.1	kWh	0.44	31.50138

4 Performance and Results Evaluation

2024Report (01.01.2024-31.12.2024) The total amount of Scope 1 and 2 emissions for ÇAĞ DERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ-EURO PARK OTEL is 720.96975 tons of CO₂-e. Accordingly, emission intensities per unit area and per employee are presented in the table below.

Workplace	Category	Unit	Quantity	Emission Intensity
ÇAĞ DERİ SAN.VE TİC.A.Ş.- EURO PARK OTEL	Çalışan Sayısı	Kişi	58	0.01243
	Alan	M2	14564	5E-05

Total Internal GHG Emissions			
	Emission Amount (ton CO2-e)		Emission Percentage (%)
Scope 1	239.04		33,16%
Scope 2	481.91		66,84%
	Total	720.950	100,00%

Report Prepared By

Report Approved By

*In the validation activities, when the approved final digital report is submitted to the validating organization after revisions, it must be signed by the relevant parties for these fields, and all pages of the report should be initialed.

5 References

Source	Link
CAEP	http://www.caep.org.cn/sy/tdftzhyjzx/zxdt/202201/t20220105_966202.shtml
EPPO	http://www.eppo.go.th/index.php/en/en-Energiestatistics/co2-statistic
ADEME	https://base-empreinte.ademe.fr/donnees/download-data
EPA	https://cfpub.epa.gov/si/si_public_record_Report.cfm?dirEntryId=349324&Lab=CESER
Circular Ecology	https://circularecology.com/embodied-carbon-footprint-database.html
Climate TRACE	https://climatetrace.org/downloads
Government of Canada	https://data-donnees.az.ec.gc.ca/data/substances/monitor/canada-s-official-greenhouse-gas-inventory/D-Emission-Factors/?lang=en
Electricity Info	https://electricityinfo.org/fuel-mix-of-uk-domestic-electricity-suppliers/
MfE	https://environment.govt.nz/publications/measuring-emissions-a-guide-for-organisations-2023-detailed-guide/
CBAM	https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=OJ%3AJOL_2023_228_R_0006#ntr3-L_2023228EN.01018801-E0003
GHG Protocol	https://ghgprotocol.org/sites/default/files/GHG%20Emissions%20Calculation%20Tool_0.xlsx
Greenview	https://greenview.sg/services/greenview-hotel-footprinting-tool/
GEMIS	https://iinas.org/downloads/gemis-downloads/
CBAM	https://publications.jrc.ec.europa.eu/repository/handle/JRC134682
GLEC	https://smart-freight-centre-media.s3.amazonaws.com/documents/2019_GLEC_Framework_July_2022.pdf
CBAM	https://taxation-customs.ec.europa.eu/news/commission-publishes-default-values-determining-embedded-emissions-during-cbam-transitional-period-2023-12-22_en
UNECE	https://unece.org/documents/2022/08/integrated-life-cycle-assessment-electricity-sources
WRAP	https://wrap.org.uk/resources/guide/scope-3-ghg-measurement-and-reporting-protocols-food-and-drink
AIB	https://www.aib-net.org/facts/european-residual-mix/2023
CT	https://www.climate-transparency.org/g20-climate-performance/the-climate-transparency-report-2020
CCF	https://www.cloudcarbonfootprint.org/docs/embodied-emissions
CCF	https://www.cloudcarbonfootprint.org/docs/methodology/#compute
CLP Group	https://www.clpgroup.com/en/sustainability/report-esg-ratings/sustainability-reports.html#
DISER	https://www.dceew.gov.au/climate-change/publications/national-greenhouse-accounts-factors-2023
EPA	https://www.epa.gov/climateleadership/ghg-emission-factors-hub
EPA	https://www.epa.gov/egrid/download-data
EPA	https://www.epa.gov/egrid/historical-egrid-data
DEFRA	https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2022
DEFRA	https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2023
DEFRA	https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2024
DEFRA	https://www.gov.uk/government/statistics/uks-carbon-footprint
Green-e	https://www.green-e.org/2023-residual-mix
HKEI	https://www.hkelectric.com/en/sustainability/sustainability-reports
IPCC	https://www.ipcc.ch/report/2019-refinement-to-the-2006-ipcc-guidelines-for-national-greenhouse-gas-inventories/
DISER	https://www.legislation.gov.au/F2008L02309/latest/text
DISER	https://www.legislation.gov.au/F2022L00815/latest/text
OEKOBAUDAT	https://www.oeko-baudat.de/en/service/downloads.html
GLEC	https://www.smartfreightcentre.org/en/how-to-implement-items/what-is-glec-framework/58/
GLEC	https://www.smartfreightcentre.org/en/our-programs/global-logistics-emissions-council/calculate-report-glec-framework/
EXIOBASE	https://zenodo.org/record/5589597#.Yh9_Zi8w1ao