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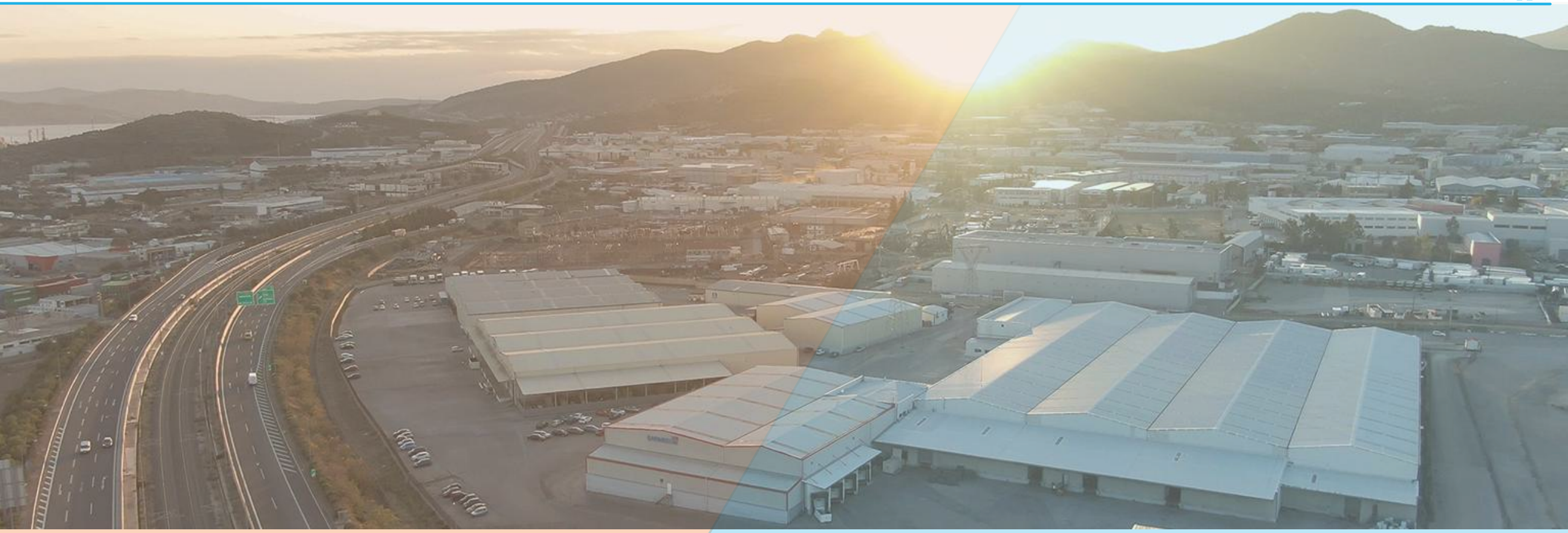
SARMED Carbon Footprint 2024
Summary Report

June 2025

General



This document is a summary of the Greenhouse Gas Emissions Report (GHG Inventory Report), the contents of which were verified by the accredited body TÜV AUSTRIA Hellas and the relevant Greenhouse Gas Verification Statement was issued.

Organizational boundaries: The organizational boundaries include the operations owned or controlled by SARMED, which means all the facilities operated by the company in Greece.

Methodology: The calculation of greenhouse gases was carried out in accordance with the requirements of the International Standard ISO 14064-1:2018 for the development of a Greenhouse Gas Emissions Management System.

Reference Period: SARMED's carbon footprint was calculated for the period 01/01/2024 – 31/12/2024.

Basic terminology

Greenhouse Gas, GHG

Gaseous constituent of the atmosphere, both natural and anthropogenic, that absorbs and emits radiation at specific wavelengths within the spectrum of infrared radiation emitted by the Earth's surface, the atmosphere and clouds

GHG source

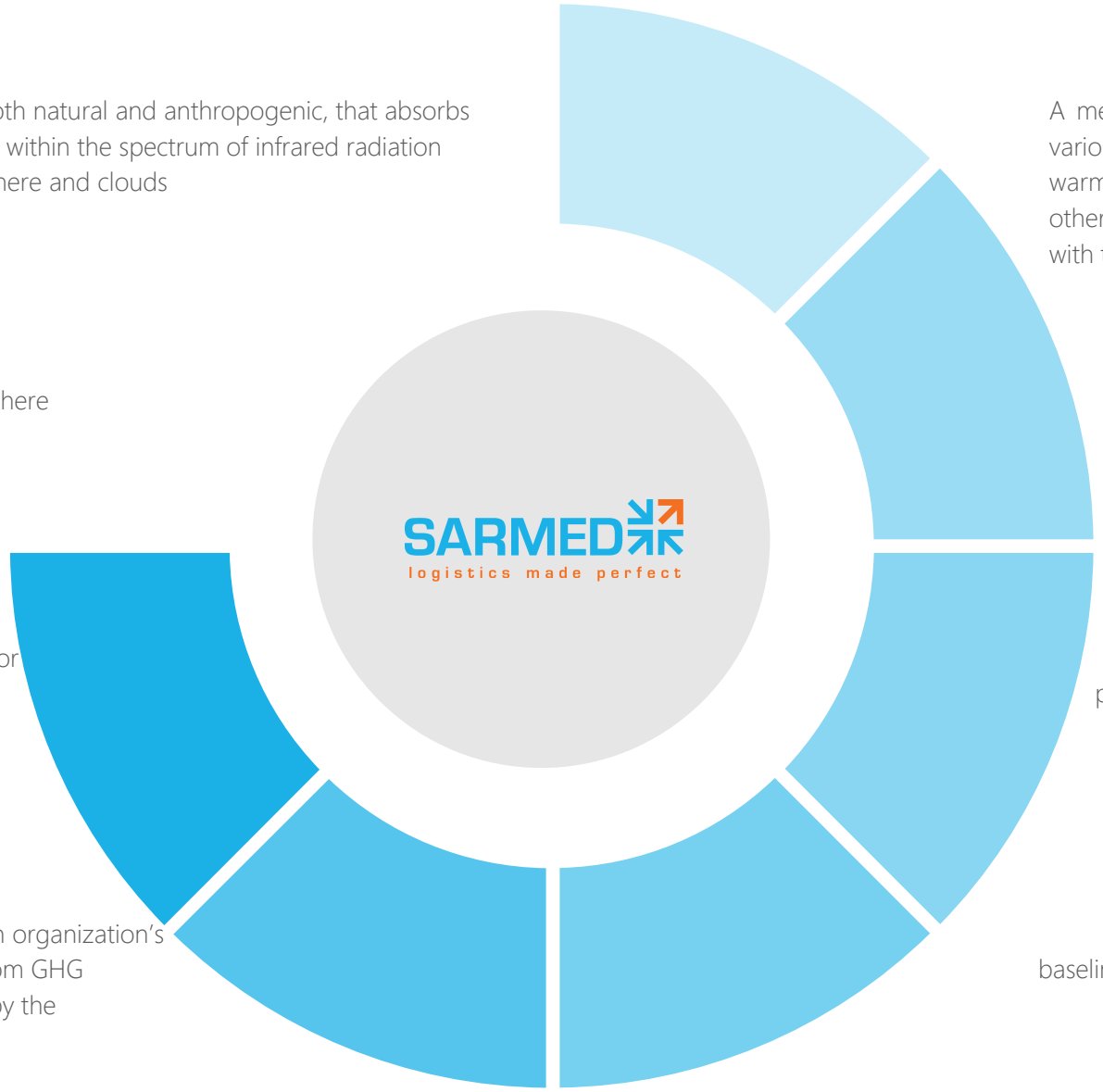
Process that releases GHG into the atmosphere

GHG direct emissions

GHG emissions from GHG sources owned or controlled by the company

GHG indirect emissions

GHG emissions that is a consequence of an organization's operations and activities, but that arises from GHG sources that are not owned or controlled by the organization



Carbon dioxide equivalent, CO_2e

A metric measure used to compare the emissions from various greenhouse gases on the basis of their global-warming potential (GWP), by converting amounts of other gases to the equivalent amount of carbon dioxide with the same global warming potential.

GHG Inventory

List of GHG sources and GHG sinks and their quantified GHG emissions and GHG removals

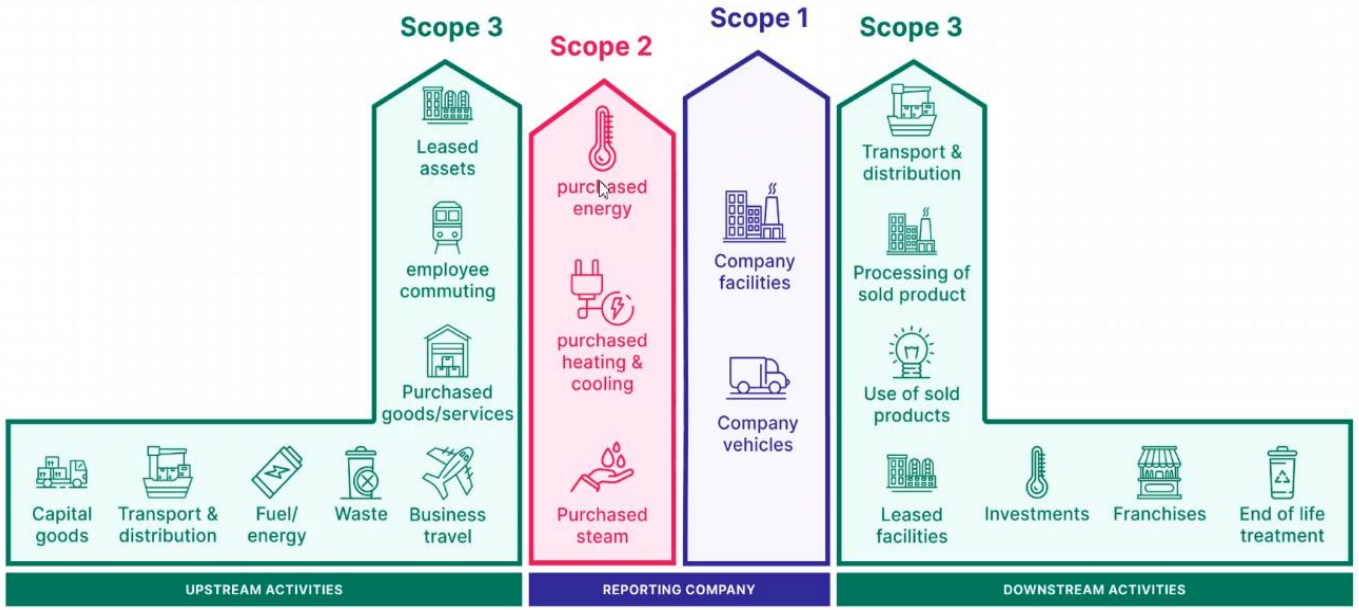
GHG reduction initiatives

Specific activity or initiative, not organized as a GHG project, implemented by an organization on a discrete or continuous basis, to reduce or prevent direct or indirect GHG emissions or enhance direct or indirect GHG removals

GHG projects

Activity or activities that alter the conditions of a GHG baseline and which cause GHG emission reductions or GHG removal enhancements

Greenhouse Gas Emissions Management System



The company has developed a Greenhouse Gas Emissions Management System, in accordance with the International Standard ISO 14064-1:2018, which constitutes the framework for monitoring, managing and improving the company's performance in terms of managing greenhouse gas emissions and which is compliant with the emissions categories of the GreenHouse Gas (GHG) Protocol.

All greenhouse gas sources included in the declared reference limits have been identified and documented according to the categorization referred to Annex B of ISO 14064-1:2018.

The following were calculated:

i. Direct emissions of greenhouse gases (Category 1/ Scope 1) from the activities that take place within the limits of the company's facilities,
ii. Indirect emissions (Category 2/ Scope 2) associated with the purchase of electricity, and
iii. Indirect emissions Categories 3,4,5 / Scope 3) from various sources according to ISO 14064-1:2018 and GHG Protocol.

GHG Protocol Scope	ISO 14064-1:2018 Category	Direct/Indirect emissions and removals	Example Sources
Scope 1	Category 1	Direct GHG emissions and removals	Fuel use
			Refrigerant leakages
			Direct emissions and removals from land use
Scope 2	Category 2	Indirect GHG emissions from imported energy	Purchased energy
Scope 3	Category 3	Indirect GHG emissions from Transportation	Business travel
			Staff commute
			Freight transport
			Transport of clients and visitors
			Downstream transport and distribution losses
			Refrigerant use (from chilled transport or air conditioner)
			Upstream emissions from fuel manufacture and distribution (well-to-tank)
	Category 4	Indirect GHG emissions from products an organisation uses	Electricity transmission and distribution losses
			Working from home
			Water supply and wastewater treatment
			Materials and waste
			Emissions generated through leased assets
			General services used i.e., cleaning, consulting, maintenance, mail delivery, bank etc
			Upstream leased assets
	Category 5	Indirect GHG emissions (use of products from the organisation)	Total expected lifetime emissions of the product sold
			End of life stage emissions
			Downstream franchises/leased assets
			Emissions from investments (targeting private or public financial institutions)
	Category 6	Indirect GHG emissions (other sources)	Specific emissions or removals which cannot be recorded in any other category. It is the organisations responsibility to define the content of this category.

Calculation methodology

Quantification method: Activity data based approach

Emissions were calculated based on the activity data of the service or product, such as quantities, transport activities, distance, energy consumption etc. and appropriate emission factors characterizing the use of services and products.

$$GHG = Activity\ data * Emission\ factor * Global\ Warming\ Potential\ (GWP)$$

The quantities of each greenhouse gas are converted into Carbon Dioxide Equivalents (CO_2e), using the global warming potential of the fifth Assessment report of the Intergovernmental Panel on Climate (IPCC) (AR5). The time horizon is 100 years.

GHG	Chemical formula	Global warming potential (GWP)
Carbon dioxide	CO_2	1
Methane	CH_4	28
Nitrous Oxide	N_2O	265

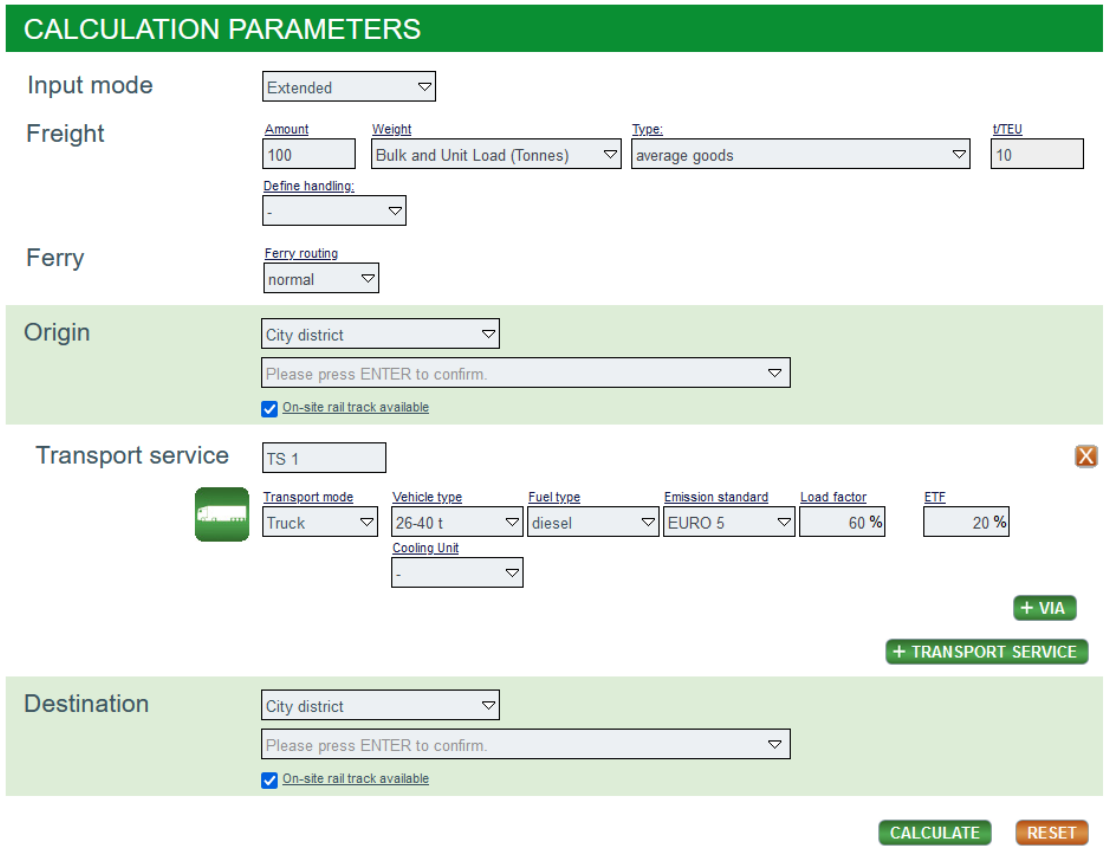
Calculation methodology

For the calculation of greenhouse gas emissions arising from the transport of products in Greece and abroad, the company used the EcoTransIT platform, which has been designed based on ISO 14083:2023 Greenhouse gases — Quantification and reporting of greenhouse gas emissions arising from transport chain operations.

ISO14083 compliant

GLEC Framework

EcoTransIT World



WTW energy consumption or emissions per transport =
Transport Distance
* mass of freight transported
* (TTW energy consumption or vehicle emissions per net tonne km
+ WTT energy consumption or emissions per net tonne km)

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Overall results

Category 1 (Scope 1): 687.99 tCO_2e

Direct greenhouse gases emissions or removals

Category 2 (Scope 2): 4649.83 tCO_2e

Indirect greenhouses gases emissions from imported energyE

Category 3 (Scope 3): 3961.55 tCO_2e

Indirect greenhouse gases from transportation

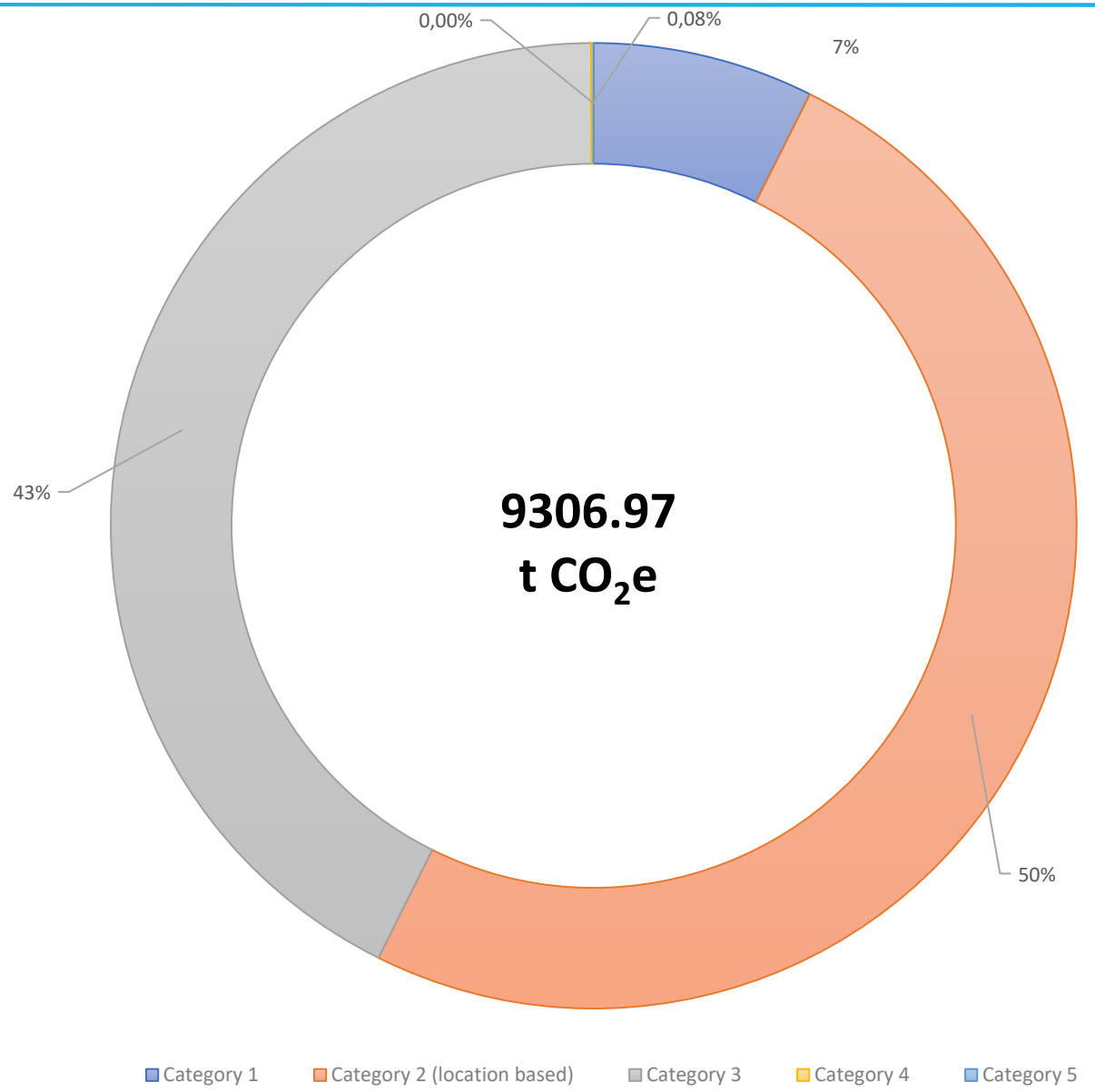
Category 4 (Scope 3): 7.35 tCO_2e

Indirect greenhouse gases emissions from products/services used by an organization

Category 5 (Scope 3): 0.26 tCO_2e

Indirect greenhouse gases emissions associated with the use of products from the organization

TOTAL GHG EMISSIONS: 9306.97 tCO_2e



Allocation of carbon footprint for 2024

Category 1 (Scope 1)

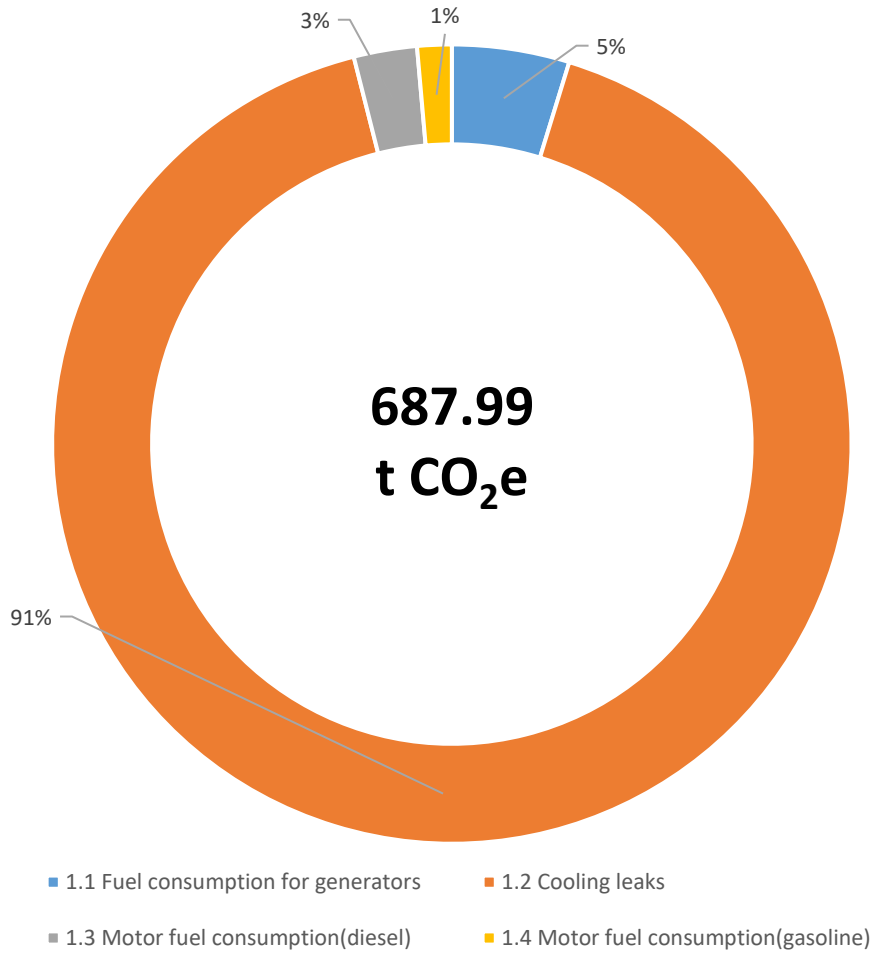
Applies to:

1. **Fuel consumption of the backup electricity generators** (fixed combustion burners) used for the smooth operation of the company

2. **Refrigerant leaks** of the air conditioning / cooling units of the company's facilities.

3. **Fuel consumption** (diesel & gasoline) of the company's leasing vehicles.

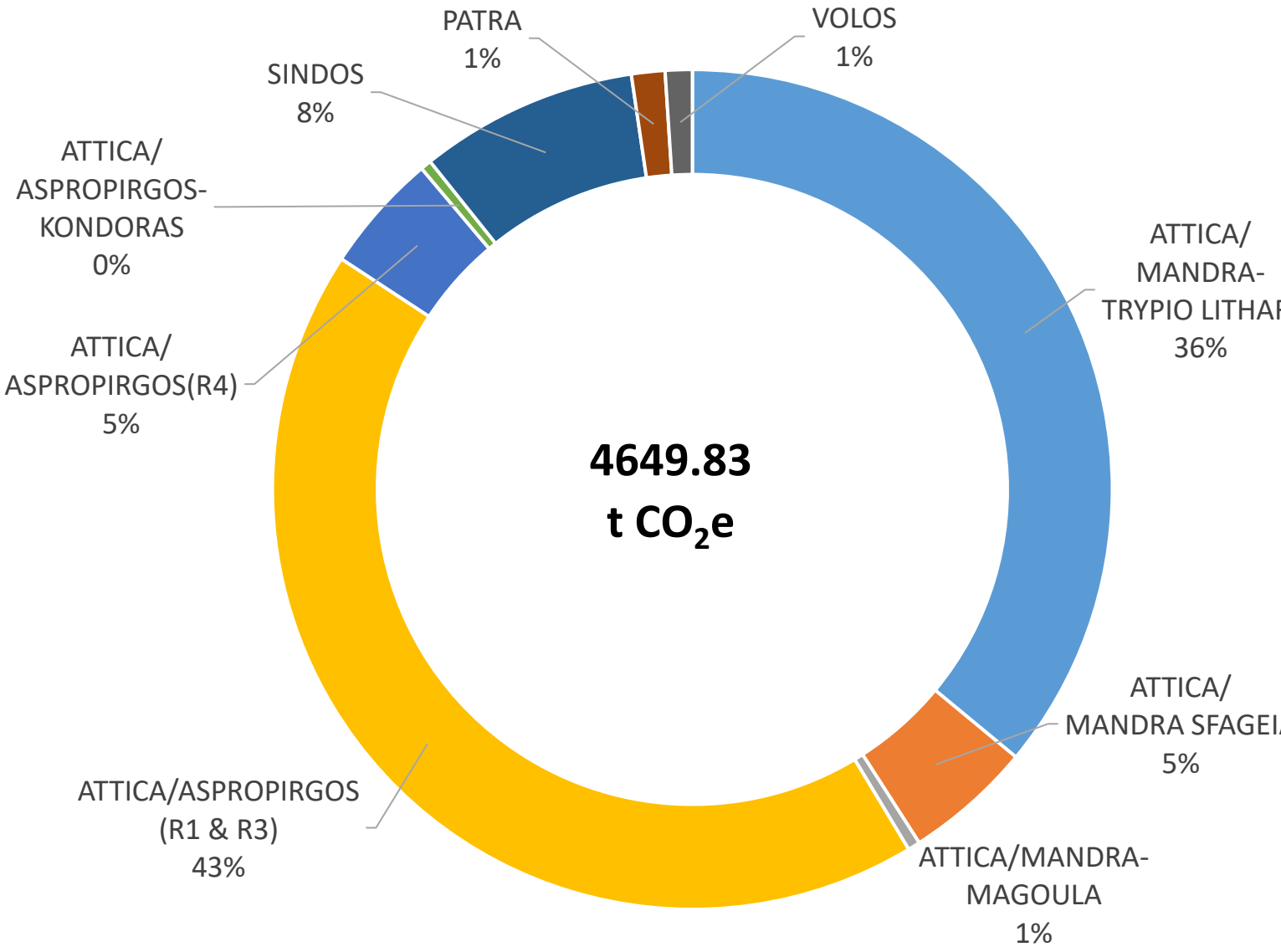
Category 1 – Direct Greenhouse Gas Emissions



Allocation of carbon footprint for 2024

Category 2 (Scope 2)

Emissions that arise from the **electricity consumption** in all the company's facilities



Allocation of carbon footprint for 2024

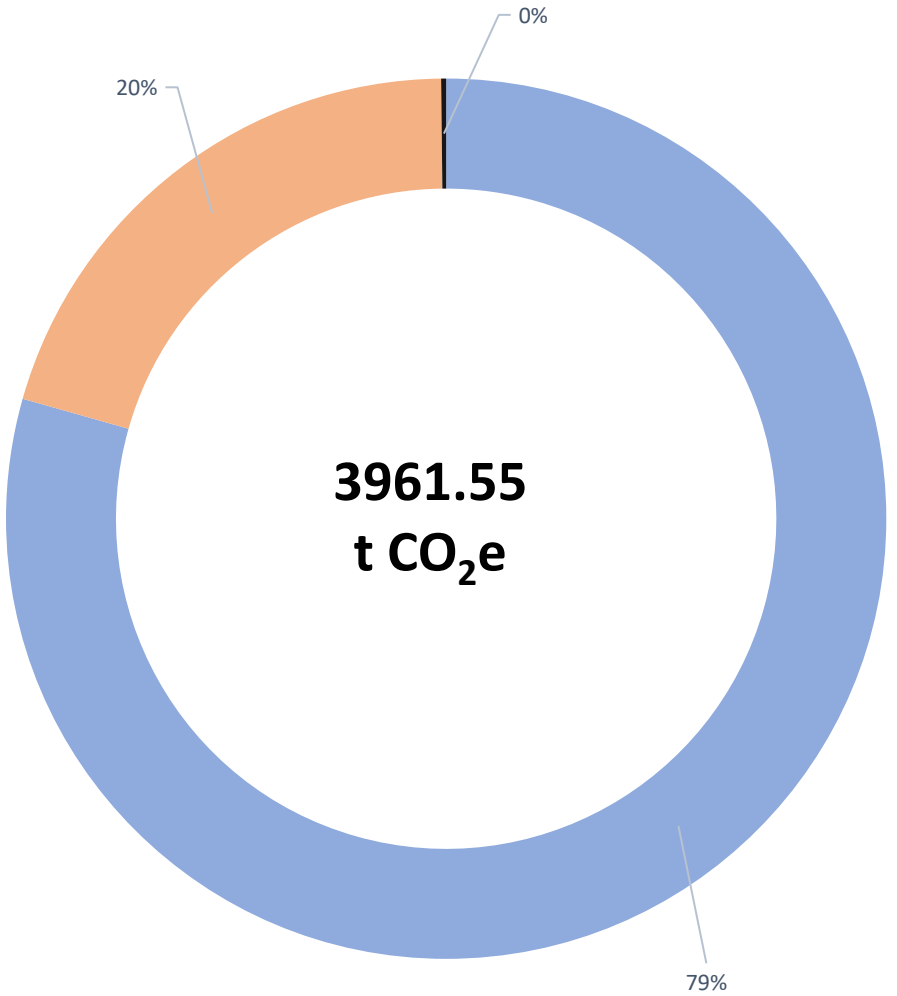
Category 3 (Scope 3)

Applies to:

1. **Distribution of products** form our facilities within Greece and abroad

2. **Business air travel** of the company's personnel

Category 3 - CO2e emissions from transportation



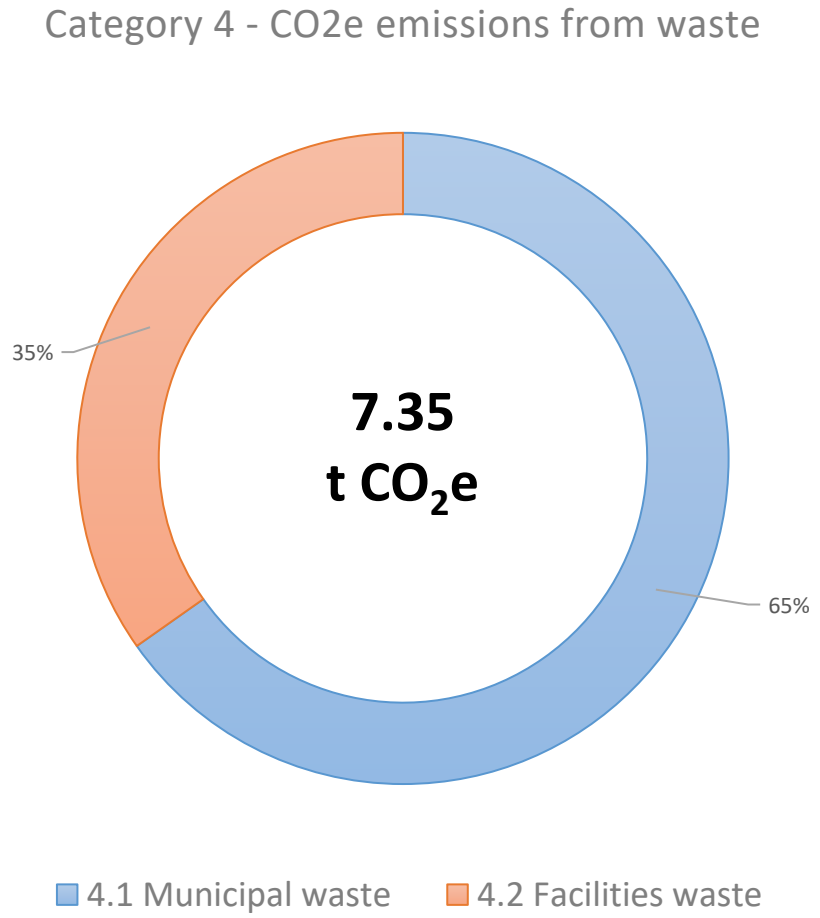
Allocation of carbon footprint for 2024

Category 4 (Scope 3)

Applies to:

1. **Municipal waste** (conventional waste)

2. **Facilities waste** (electrical equipment, plastic, paper, metal, forklifts lead-acid batteries, fluorescent tubes etc.)

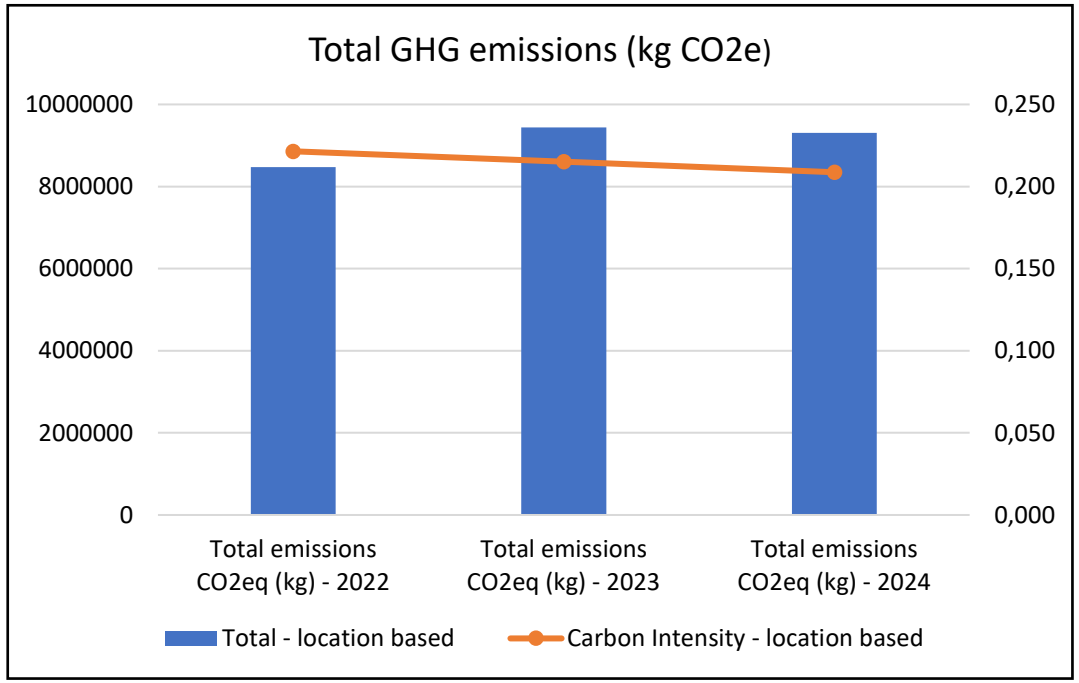


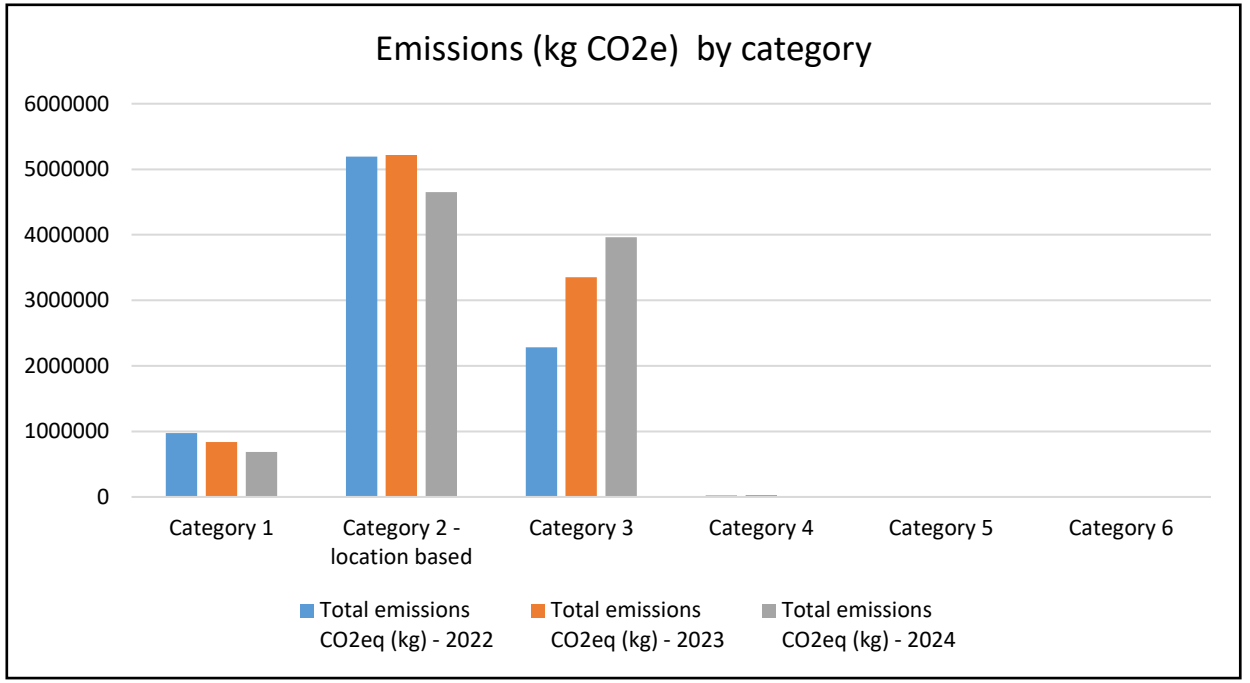
Category 5 (Scope 3)

Applies to the **packaging materials** that were used to transport the products (pre-stretch film, stretch film)

0.26
t CO_2e

Results comparison of GHG emissions 2022 – 2023 - 2024



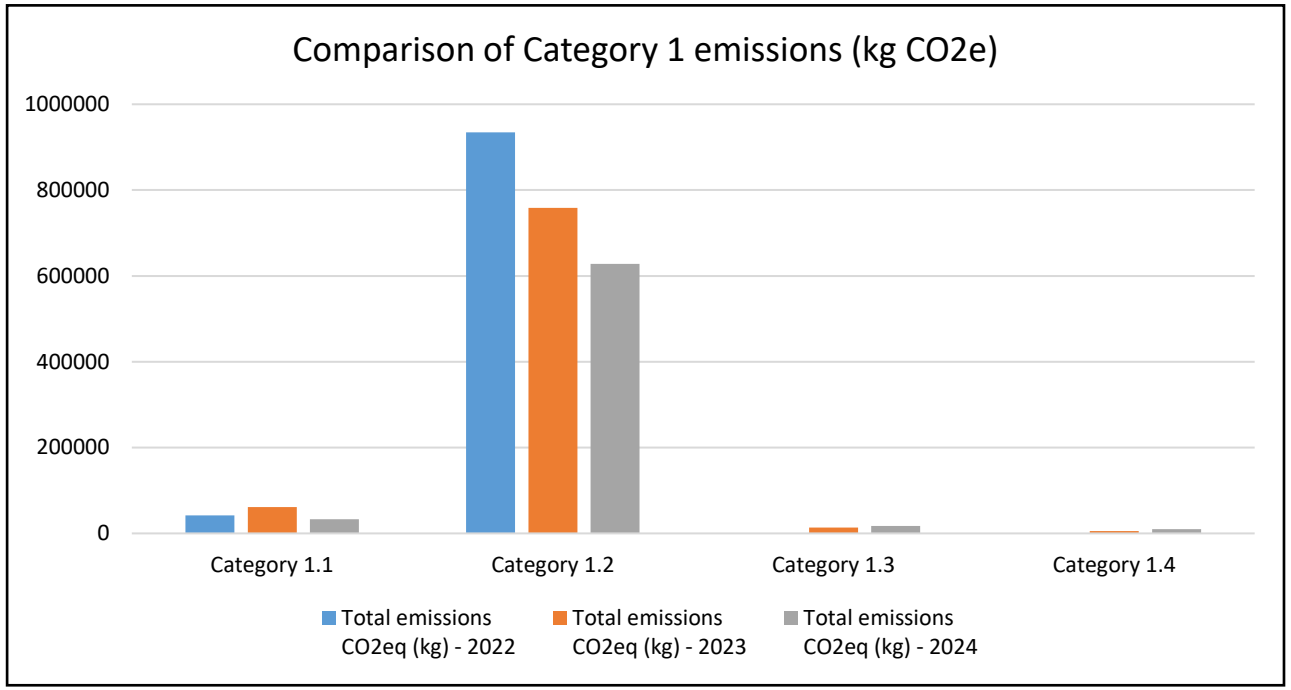


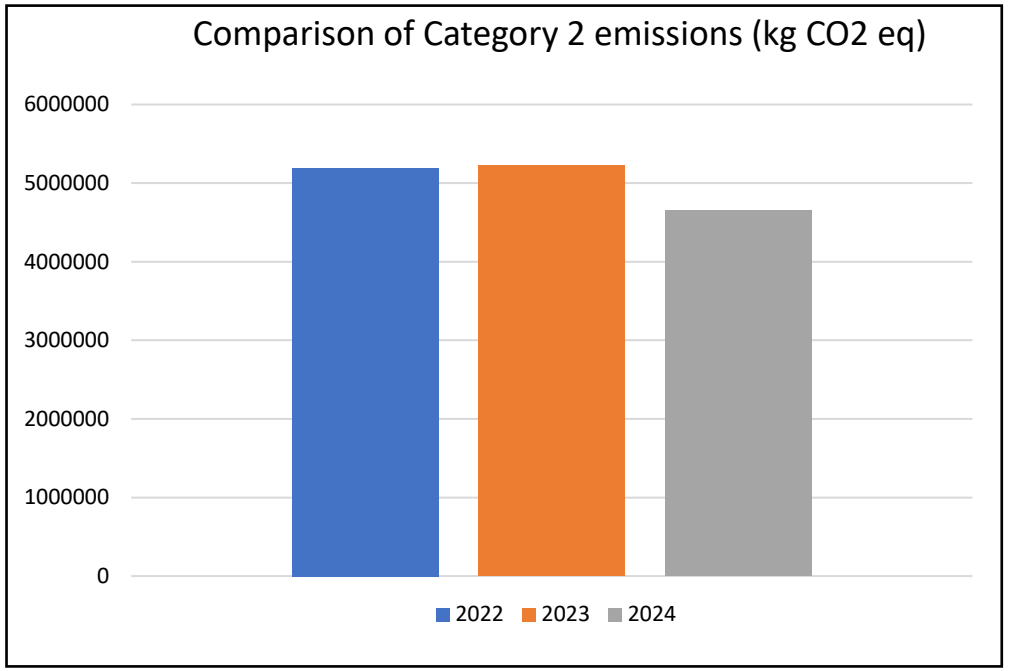
Note: the comparison is performed calculating emissions of category 2 with location based methodology.

Observations compared to 2023:

- 1.4% total emissions reduction
- 3% carbon intensity reduction (kg CO2e / euros (revenue))
- 12% emissions decrease in category 1 & 2

Results comparison of GHG emissions 2022 – 2023 - 2024

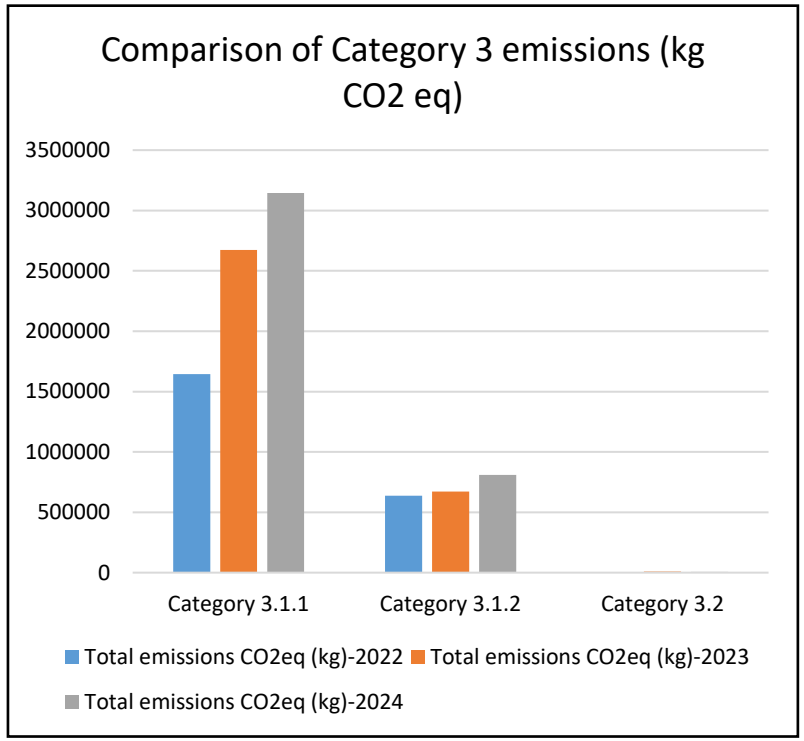


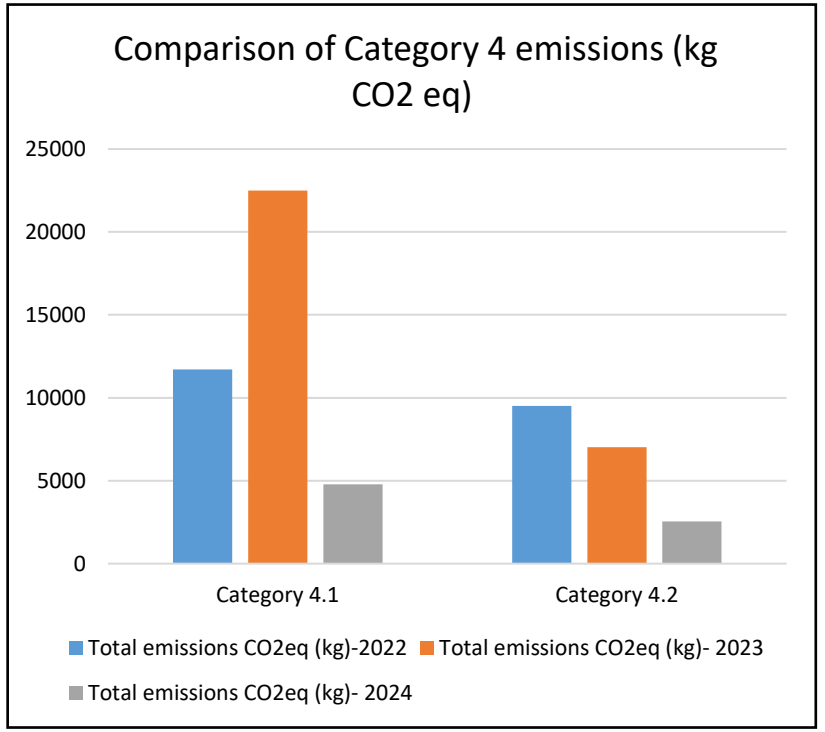


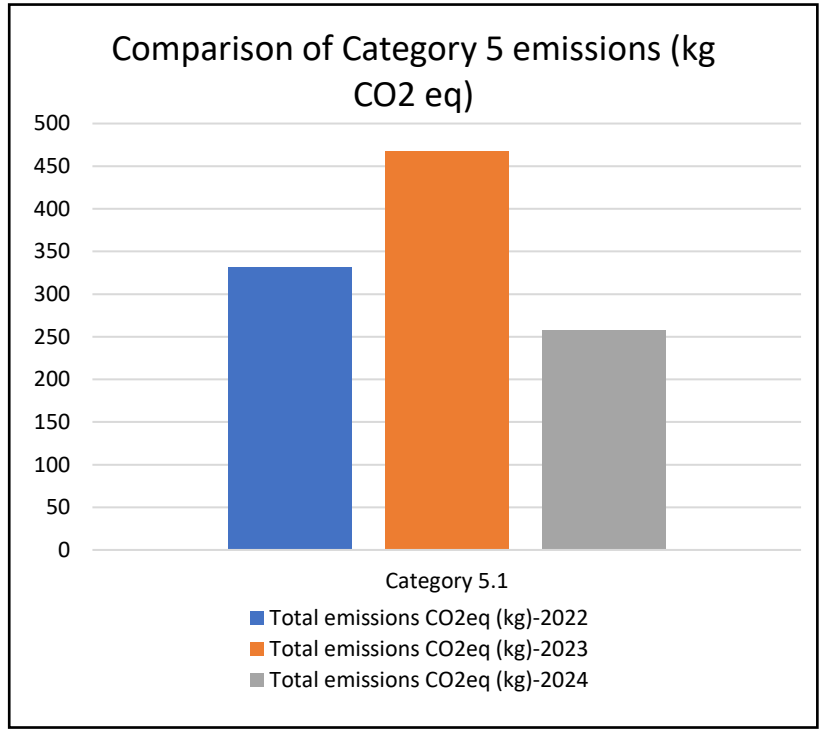
- Category 1: Emissions reduction of 18% compared to the previous year
- Category 1.1: Emissions reduction of 47% from fuel consumption generators
- Category 1.2: Emissions reduction of 17% from cooling units (energy upgrade of the chambers, installation of new modern chambers)
- Category 1.3: Emissions increase of 26% from diesel consumption of leasing vehicles
- Category 1.4: Emissions increase of 79% from gasoline consumption of leasing vehicles

- Category 2: Emissions reduction of 11 % compared to the previous year

Results comparison of GHG emissions 2022 – 2023 - 2024







- Category 3: Emissions increase 18% compared to the previous year
- Category 3.1.1: Increase of transports within Greece
- Category 3.1.2: Increase of transports abroad
- Category 3.2: Air travel emissions are not significantly different compared to the previous year

- Category 4: Emissions reduction of 75% compared to the previous year
- Category 4.1: Emissions reduction of 79% from municipal waste(due to personnel reduction)
- Category 4.2: Emissions reduction of 64% due to warehouse waste.

- Category 5: Emissions reduction of 45% compared to the previous year

  Only end-of-life emissions of packaging materials placed on the market are included.

Emissions reduction

Photovoltaic systems - Net Metering in 2 facilities (Sindos and Trypio Lithari - Mandra)

Facility	Production (MWh)	Prevention of emissions CO_2e (tn) due to NET METERING	Emissions reduction Category 2
Trypio Lithari	1175	587	26%
Sindos	346	173	31%
Total	1521	760	

7.5% reduction of the total emissions of the company

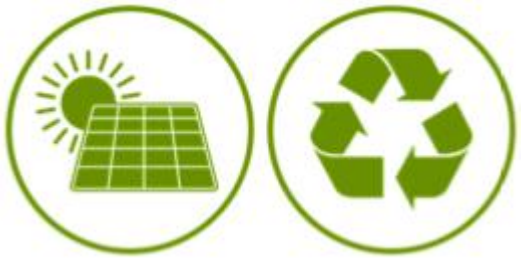
12.5% reduction of Scope 1 & 2 emissions of the company

Energy and environmental targets

SARMED has set the following **energy and environmental targets**, which are closely monitored and reviewed:

- Average reduction in consumed energy and respective emissions of CO_2e at least 20% per cubic meter of cooled storage until the 31st of December 2026, in comparison to the relevant values of 2020
- Reduction of Scope 1 and 2 emissions by thirty percent (30%) at least, until 2030 compared to the year 2019 (aligned with the provisions of the Greek Environmental Law)
- Gradually increasing the use of paper from recycling or from sustainable forest management with FSC certification (Forest Stewardship Council certification) or equivalent, so that from the 31st of December 2024 onwards, 100% of the company's needs are covered

Energy and environmental Programmes / GHG Initiatives



Having adopted a sustainable business development model, SARMED has implemented during the past few years numerous energy and environmental programs, such as:

- Construction of new cooling/freezer rooms using ammonia, instead of freon, as a refrigerant, which has resulted in significantly lower consumption and zero direct greenhouses gas emissions.
- Installation of photovoltaic systems on the roofs of the company's facilities.
- Identification of energy-intensive activities via energy consumption meters installation with separate measurement of energy-intensive points.
- Supply and use of new electric forklifts with lower charging requirements
- Recycling large quantities of electrical and electronic equipment, forklift batteries, as well as non-hazardous waste (paper, plastic, wood)
- Participation in the circular economy – upcycling program "IN THE LOOP" of Thrace Plastics for recycling of stretch film and production higher value materials

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