

envirly

2023 – 2023

Greenhouse Gas Emissions Report

CEGA sp. z o.o.

16.10.2024



Carbon Footprint

This is the total amount of greenhouse gases (GHG) emitted directly or indirectly as a result of the organisation's activities. Knowing an organisation's carbon footprint is the starting point for taking effective pro-environmental measures.

Why?

Environmental awareness among an organisation's stakeholders provides an incentive for companies to take steps to reduce their negative impact on the environment. To comply with regulation and remain competitive, companies are estimating their carbon footprint.

How?

The carbon footprint is captured in three scopes according to international standards and standards, such as the Carbon Footprint Protocol (GHG Protocol).

Methodology

Greenhouse Gas Protocol

The GHG Protocol is currently the most widely used for estimating and tracking greenhouse gas emissions. The carbon footprint has been calculated according to the GHG Protocol into three scopes: Scope 1 (direct emissions), Scope 2 (indirect electricity-related emissions), and Scope 3 (value chain-related emissions).



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CO₂

SF₆

CH₄

N₂O

HFCs

PCFs

NF₃

SCOPE 3
UPSTREAM SOURCES

SCOPE 2
INDIRECT SOURCES

SCOPE 1
DIRECT SOURCES

SCOPE 2
INDIRECT SOURCES

SCOPE 3
DOWNSTREAM SOURCES





Scope 1

These are direct greenhouse gas emissions resulting from the combustion of fuels from machines and processes controlled or supervised by the company. Scope 1 covers emissions from stationary (e.g. boilers), mobile combustions, (e.g. car fleet), fugitives, and emissions via certain processes (e.g. in industry).



Scope 2

There are indirect GHG emissions, which are generated mainly from purchased electricity, steam, heat and cooling within the organisational boundaries of a company.



Scope 3

These are indirect emissions covering the environmental of the reporting organisation, which are not directly controlled by the organisation. Scope 3 includes, emissions from the supply chain, the purchase of goods, employees commuting and business trips, or waste management.

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Greenhouse Gas Emission of Your Organisation



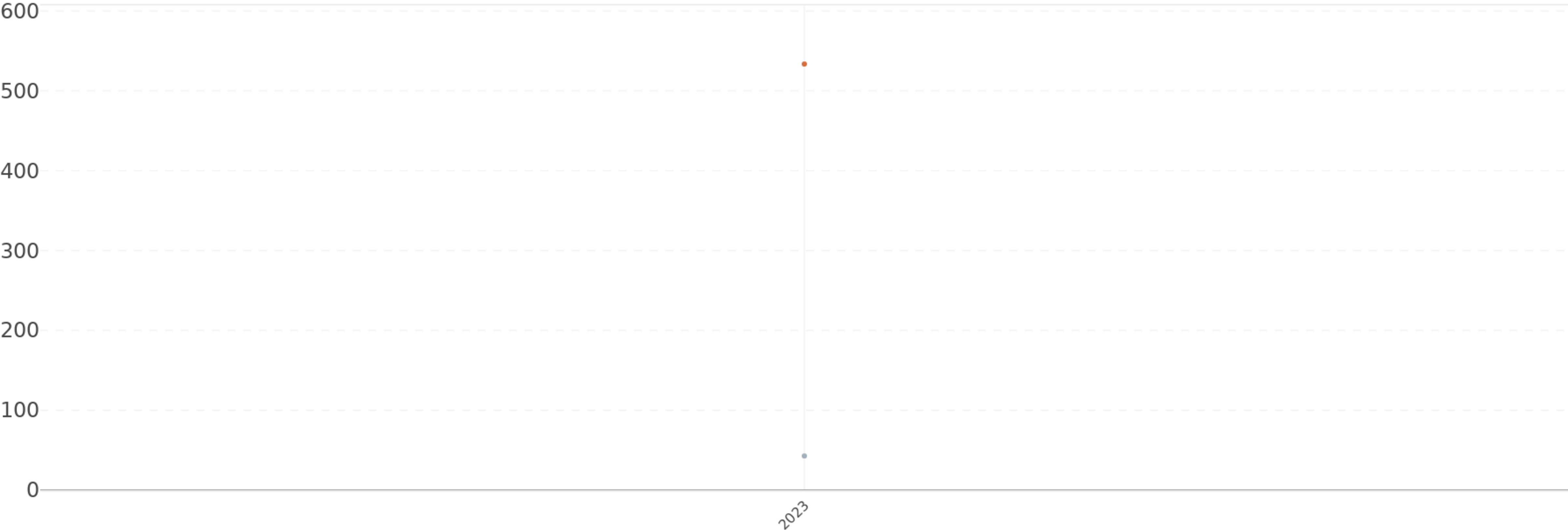
Main metrics

<div>Total emission</div> <div>576.4</div> <div>t CO2eq</div>	<div>Emission per employee*</div> <div>13.4</div> <div>t CO2eq</div>	<div>Emission per income**</div> <div>0,006</div> <div>t CO2eq / 1000 EUR</div>	<div>Energy consumption</div> <div>704.7</div> <div>MWh</div>
<div>Scope 1</div> <div>42.9</div> <div>t CO2eq</div>	<div>Scope 2 – Market Based method</div> <div>533.5</div> <div>t CO2eq</div>	<div>Scope 2 – Location Based Method</div> <div>533.5</div> <div>t CO2eq</div>	

*These statistics will be available if you provide information about your company’s number of employees

**These metrics will be available if you provide information about your company's income

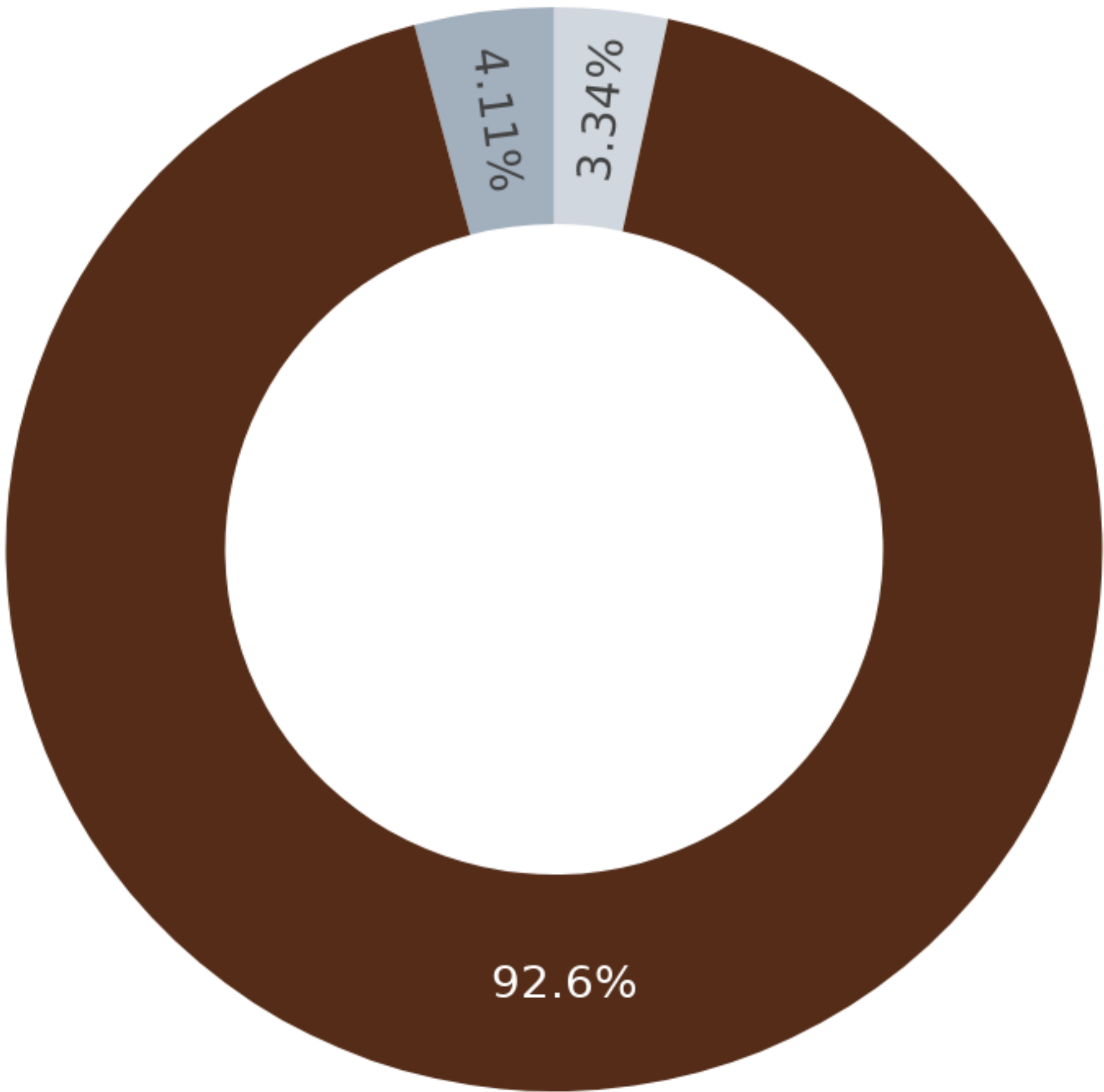
Carbon Footprint [t CO2eq]



Carbon Footprint [t CO2eq]

Reporting period	Scope 1	Scope 2	Total
2023	42.904	533.475	576.379

Total Emissions by Scope [%]



- Scope 1: Fugutive emissions
- Scope 1: Mobile combustion
- Scope 2: Electricity

Total Emissions by Scope

zakres	Emission [%]	Emission [t CO2eq]
Scope 1: Fugutive emissions	3.338	19.240
Scope 1: Mobile combustion	4.106	23.664
Scope 1: Process emissions	0.000	0.000
Scope 1: Stationary combustion	0.000	0.000
Scope 2: Cooling	0.000	0.000
Scope 2: Electricity	92.556	533.475
Scope 2: Heat	0.000	0.000
Scope 2: Steam	0.000	0.000

A misty forest scene with tall evergreen trees and a bright light source in the background. The text is overlaid on the image.

Leverage the value of your company and develop a strategy towards sustainable future with the all-in-one solution.

Our Mission

Reduce Carbon Footprint

Envirly's mission is to empower companies to reduce their carbon footprint through digital transformation. Envirly's innovative approach is based on 3 fundamentals: smart data analytics, establishing company's "Emission twin", facilitating processes optimisation to reduce the level of CO2 emissions. Intelligent data aggregation to calculate regulatory compliant emission scopes allowing to input different data types in line with needs of the company. Emission twin and dashboards to detect "hot spots" – processes that contribute to the highest CO2 emissions. AI-based smart recommendations to reduce the level of emissions.



Methodology

The Envirly platform supports data collection, emission calculations, and the setting and tracking of greenhouse gas reduction targets, in accordance with the international **GHG Protocol** standards.

Calculation are compliant with GHG Protocol and **ISO 14064-1**



Emission Data Sources

An emissions factor refers to specific numerical values that quantify the amount of greenhouse gases (GHGs) emitted into the atmosphere due to a particular activity or process. Envirly, as an advanced carbon footprint management platform, uses high-quality sources that include both paid and free carbon factor databases. These sources are regularly updated, ensuring users have access to the latest and most accurate greenhouse gas emissions data.

Envirly's team of experts actively monitors changes in emissivity data, providing ongoing updates so that users can be confident that their calculations align with the latest standards.

Detailed information on these emissions factors can be found by clicking the [link](#) granting access to comprehensive and reliable data to analyse and optimise their carbon footprint.

See current data sources



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