



Corporate Carbon Footprint 2025

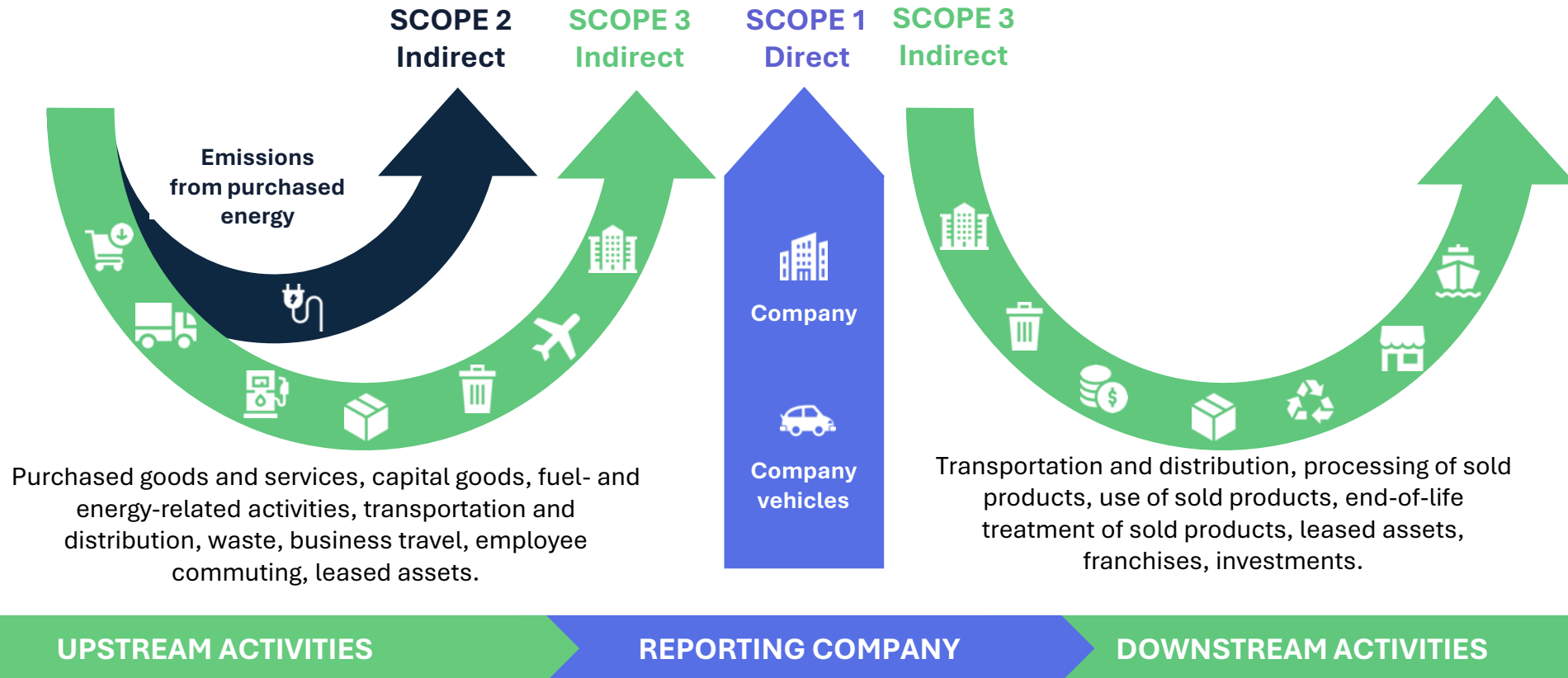
EGE, spol. s.r.o.



Carbon footprint methodology



How the corporate carbon footprint is calculated



The company's carbon footprint is calculated from direct emissions and from indirect emissions from purchased energy in accordance with the GHG Protocol and the ISO 14064 standards. Greenhouse gas emissions are divided into three Scope categories under the GHG Protocol.

Operational boundaries

Description of the areas covered (Scope)



SCOPE 1

Direct greenhouse gas emissions arise from sources that are owned or controlled by the reporting company, for example emissions from combustion in owned or controlled boilers, furnaces and vehicles, or emissions from chemical production in owned or controlled process equipment.



SCOPE 2

Indirect emissions from the generation of purchased energy. Purchased electricity is defined as electricity that is purchased or otherwise brought into the company's organisational boundary. In addition to electricity, Scope 2 covers emissions from steam, heat and cooling.



SCOPE 3

Scope 3 is an optional reporting category that covers all other indirect emissions that are a consequence of the company's activities but arise from sources the company neither owns nor controls. This category includes, for example, emissions from logistics or material consumption.

Our standards

Greenhouse gas emissions were calculated in accordance with the international GHG Protocol standard and the technical standard ČSN EN ISO 14064-1



**ACTIVITY
DATA**

X



**EMISSION
FACTOR**

X



GWP

=



**CARBON
FOOTPRINT**

Activity data are a quantitative measure of the level of an activity (e.g. litres of fuel consumed, kilometres driven, etc.) that gives rise to greenhouse gas emissions.

A factor that converts activity data into greenhouse gas emissions data (e.g. kg CO₂ emitted per litre of fuel consumed, kg CH₄ emitted per kilometre driven, etc.).

A factor describing the radiative heat-trapping effect of one unit of a given greenhouse gas relative to one unit of CO₂ over a 100-year time horizon. Multiplying the emissions of a given greenhouse gas by its GWP gives the equivalent emissions of CO₂.

It determines the amount of greenhouse gases corresponding to the company's production activity, expressed in equivalents of CO₂ (CO₂e).



Summary of results

Carbon footprint of the companies

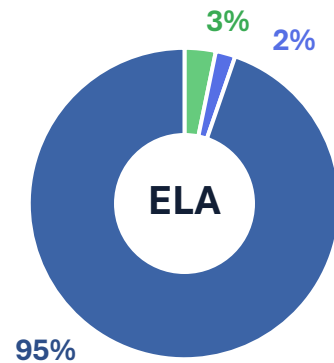
Overall summary

	Total emissions t CO2e	Emissions t CO2e per CZK 1 million of revenue
ELA	13 146 t CO2e	14,6 t CO2e / CZK 1 million
ALU	4 712 t CO2e	14,4 t CO2e / CZK 1 million
OKO	19 526 t CO2e	23,6 t CO2e / CZK 1 million
EGE total	37 385 t CO2e	18,3 t CO2e / CZK 1 million

Note: Scope 2 emissions are reported using the location-based method.

Carbon footprint of the companies

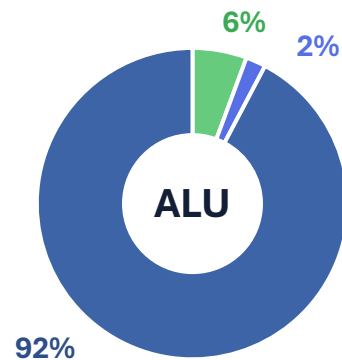
Breakdown of Scope 1, 2 and 3



Scope 1 426 t CO₂e

Scope 2 269 t CO₂e

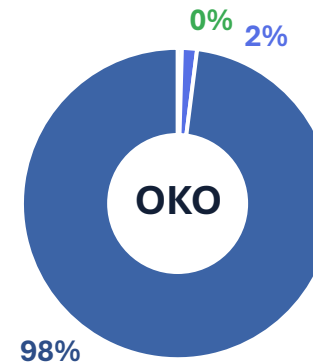
Scope 3 12 451 t CO₂e



Scope 1 266 t CO₂e

Scope 2 98 t CO₂e

Scope 3 4 348 t CO₂e



Scope 1 85 t CO₂e

Scope 2 307 t CO₂e

Scope 3 19 134 t CO₂e

Note: Scope 2 emissions are reported using the location-based method.

SCOPE 1 Direct emissions by division – 2025

Greenhouse gas emissions in tCO2e							
Category	ELA	ALU	OKO	EGE total	% ELA	% ALU	% OKO
1.1. Stationary combustion	261,7	176,2	10,3	448,3	61,4 %	66,1 %	12,1 %
1.2. Mobile combustion	118,1	43,0	64,5	225,6	27,7 %	16,1 %	75,8 %
1.3. Fugitive emissions	46,2	47,1	10,3	103,6	10,8 %	17,7 %	12,1 %
TOTAL	426,1	266,4	85,1	777,5	100,0 %	100,0 %	100,0 %

SCOPE 2 Emissions from purchased energy by division – 2025

Greenhouse gas emissions in tCO2e – location-based

Category	ELA	ALU	OKO	EGE total	% ELA	% ALU	% OKO
2. Indirect emissions from imported energy	269,0	98,0	307,2	674,2	39,9 %	14,5 %	45,6 %
TOTAL	269,0	98,0	307,2	674,2	39,9 %	14,5 %	45,6 %

Greenhouse gas emissions in tCO2e – market-based

Category	ELA	ALU	OKO	EGE total	% ELA	% ALU	% OKO
2. Indirect emissions from imported energy	462,1	168,3	527,8	1 158,2	39,9 %	14,5 %	45,6 %
TOTAL	462,1	168,3	527,8	1 158,2	39,9 %	14,5 %	45,6 %

SCOPE 3 Other indirect emissions

Greenhouse gas emissions in tCO2e by division – 2025

Category	ELA	ALU	OKO	EGE total	% ELA	% ALU	% OKO
1. Purchased goods and services	10 937,7	3 246,1	15 672,8	29 856,6	87,8 %	74,7 %	81,9 %
2. Capital goods	467,1	761,4	992,4	2 220,9	3,8 %	17,5 %	5,2 %
3. Fuel- and energy-related activities	184,4	80,5	144,3	409,2	1,5 %	1,9 %	0,8 %
4. Upstream transportation and distribution	571,3	99,3	2 189,2	2 859,8	4,6 %	2,3 %	11,4 %
5. Waste generated in operations	161,2	58,6	19,2	239,0	1,3 %	1,3 %	0,1 %
6. Business travel	4,6	56,6	1,6	62,7	0,0 %	1,3 %	0,0 %
7. Employee commuting	119,9	43,7	110,2	273,8	1,0 %	1,0 %	0,6 %
8. Upstream leased assets	5,1	1,8	4,7	11,6	0,0 %	0,0 %	0,0 %
TOTAL	12 451,3	4 348,0	19 134,4	35 933,7	100,0 %	100,0 %	100,0 %

Categories included

Category	Included in the calculation	Note
1. Purchased goods and services	Included	Data from material purchases; services based on spend, including subcontracted work
2. Capital goods	Included	List of assets acquired
3. Fuel- and energy-related activities (not included in Scope 1 and 2)	Included	Generation emissions and distribution losses (electricity, fuels)
4. Upstream transportation and distribution	Included	Information on outbound product transport and on tonne-kilometres from material suppliers
5. Waste generated in operations	Included	Based on ISPOP reporting
6. Business travel	Included	Based on costs
7. Employee commuting	Included	Based on commuting data from previous years
8. Upstream leased assets	Included	Emissions associated with leased assets
9. Downstream transportation and distribution	Not relevant	Outbound transport paid for by the company is reported under upstream
10. Processing of sold products	Not relevant	-
11. Use of sold products	Not relevant	-
12. End-of-life treatment of sold products	Not relevant	-
13. Downstream leased assets	Not relevant	-
14. Franchises	Not relevant	-
15. Investments	Not relevant	-



Data scope and quality

Data quality

Types of data used



PRIMARY DATA

- Data from the company's specific activities or from those in its value chain.
- The highest level of accuracy and relevance, particularly for Scope 3 categories.
- In kWh, GJ, litres, tonnes, cubic metres, km...



SECONDARY DATA

- Data that **do not come directly** from the company's specific activities or from those in its value chain.
- Industry averages, government statistics, academic studies, databases, proxy data, financial data.

In practice a combination was used, depending on data availability

Data quality

Accuracy of the data used

Calculating a carbon footprint requires a large volume of data from various departments of the company, and its quality can vary. The calculation for Scope 1 and 2, which an organisation usually controls directly, is generally more accurate than for the complex Scope 3 category, where the company often has no direct access to the data required.

Level of data accuracy	Technology	Time	Geography	Completeness	Reliability
High	Data obtained using the same technology	Data less than 3 years old	Data from the same region	Data from 100% of sites over a period long enough to even out normal fluctuations	Verified data based on measurements
Medium	Data obtained using a similar but different technology.	Data less than 6 years old.	Data from a similar region.	Data from more than 50% of sites over a period long enough to even out normal fluctuations.	Verified data partly based on assumptions, or unverified data based on measurements.
Low	Data obtained using a different technology.	Data less than 10 years old.	Data from a different region.	Data from less than 50% of sites over a period long enough to even out normal fluctuations.	Unverified data partly based on assumptions or on a qualified estimate
Very low	Data obtained from an unknown technology	Data more than 10 years old, or of unknown age.	Data from an unknown region	Data from less than 50% of sites over a shorter period, or of unknown representativeness	Unqualified estimate

Data availability and accuracy levels

Scope 1&2	Accuracy level		Comment	ELA	ALU	OKO	EGE total	% ELA	% ALU	% OKO
	Input data	Emission factor								
1.1. Stationary combustion	High	High	Gas consumption records, ELA+ALU split pro rata by revenue	261,7	176,2	10,3	448,3	18,0 %	12,1 %	0,7 %
1.2. Mobile combustion	High	High	Fuel records; ELA+ALU split pro rata by revenue	118,1	43,0	64,5	225,6	8,1 %	3,0 %	4,4 %
1.3. Process emissions	N/A	N/A	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1.4. Refrigerants and fugitive emissions	High	High	Purchased air-conditioning units; allocation as proposed by facility management	46,2	47,1	10,3	103,6	3,2 %	3,2 %	0,7 %
2.1. Purchased electricity	High	High	Electricity consumption records	269,0	98,0	307,2	674,2	18,5 %	6,8 %	21,2 %

Data availability and accuracy levels

Scope 3	Accuracy level		Comment	ELA	ALU	OKO	EGE total	% ELA	% ALU	% OKO	% of CO2 2025
	Input data	Emission factor									
1. Purchased goods and services	High	High	Purchase records; emission factors for the main materials, spend-based for services	10 937,7	3 246,1	15 672,8	29 856,6	87,8 %	74,7 %	81,9 %	
2. Capital goods	High	Medium	Data from accounting	467,1	761,4	992,4	2 220,9	3,8 %	17,5 %	5,2 %	
3. Fuel- and energy-related activities	High	High	Calculated from Scope 1&2 categories	184,4	80,5	144,3	409,2	1,5 %	1,9 %	0,8 %	
4. Upstream transportation and distribution	High	Medium	Partly actual data, partly averages based on costs	571,3	99,3	2 189,2	2 859,8	4,6 %	2,3 %	11,4 %	
5. Waste generated in operations	High	High	ISPOP reporting	161,2	58,6	19,2	239,0	1,3 %	1,3 %	0,1 %	
6. Business travel	High	Medium	Based on costs	4,6	56,6	1,6	62,7	0,0 %	1,3 %	0,0 %	
7. Employee commuting	Low	High	Estimate based on surveys	119,9	43,7	110,2	273,8	1,0 %	1,0 %	0,6 %	
8. Upstream leased assets	High	Medium	Based on costs	5,1	1,8	4,7	11,6	0,0 %	0,0 %	0,0 %	

Data availability and accuracy levels

Scope 3	Accuracy level			Comment	2022 tCO2	2023 tCO2	2024 tCO2	2025 tCO2	% of CO2 2022	% of CO2 2023	% of CO2 2024	% of CO2 2025
	Input data	Emissi on factor										
9. Downstream transportation and distribution	N/A	N/A	-		N/A	N/A	N/A		N/A	N/A	N/A	
10. Processing of sold products	N/A	N/A	-		N/A	N/A	N/A		N/A	N/A	N/A	
11. Use of sold products	N/A	N/A	-		N/A	N/A	N/A		N/A	N/A	N/A	
12. End-of-life treatment of sold products	N/A	N/A	-		N/A	N/A	N/A		N/A	N/A	N/A	
13. Downstream leased assets	N/A	N/A	-		N/A	N/A	N/A		N/A	N/A	N/A	
14. Franchises	N/A	N/A	-		N/A	N/A	N/A		N/A	N/A	N/A	
15. Investments	N/A	N/A	-		N/A	N/A	N/A		N/A	N/A	N/A	



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