



GRI-302, 305 - based combined report 2023



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SoftServe

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softserve

Total fuel consumption and Scope 1 GHG Emissions

Direct emissions from owned or controlled sources and total natural gas consumption

Calculated in accordance with the GHG Protocol using the calculation tools available here <https://ghgprotocol.org/calculation-tools>.

The report on scope 1 greenhouse gas emissions reflects CO₂ emitted by the fuel combustion on site such as gas boilers, fleet vehicles and air-conditioning leaks¹. On site fuel combustion amounts to m³ of natural gas consumed².

Stationary fuel consumption						
Fuel	Places	Quantity	Units	tCO ₂ e	Index	Units
Natural gas	Chernivtsi - Office 1	273380	m ³	516,74	0,001885	t/m ³
	Ivano-Frankivsk - Office 1					
	Kharkiv - Office 2					
	Kharkiv - Office 3					
	Kyiv - Office 3					
	Kyiv - Office 4					
	Lviv - Office 2					
	Lviv - Office 9					
	Lviv - Office 12					
	Lviv - Office 14					
	Lviv - Office HQ					
	Rivne - Office 1					
	Rivne - Office 2					
Diesel	Ukraine	22625	l	60,91	0,002676492	t/l
Total				577		

Scope 1 emissions **decreased by 17%** compared to 2022.

¹ Fleet vehicles are excluded due to inapplicability, air-conditioning leaks were not measured in 2023.

² Data taken from gas meters installed by the provider in the offices occupied by SoftServe.

Electricity consumption and Scope 2 GHG Emissions

Electricity consumption and Indirect emissions from the generation of purchased energy

Calculated in accordance with the GHG Protocol based on the [electricityMap | Live CO₂ emissions of electricity consumption](#) data on CO₂ emission indexes.

The report on scope 2 greenhouse gas emissions reflects indirect CO₂ emissions from electricity purchased and used by the organization.



“Climate change continues to exacerbate the frequency and severity of natural disasters affecting more than 39 million people.”

The UN

Indirect emissions from the generation of purchased energy are calculated on the basis of electricity consumed³.

Electricity consumed					
Place	Quantity	Units	tCO ₂ e	Index	Units
Ukraine	4708175	kWh	738	diff	t/kWh
Poland	430572	kWh	371	diff	t/kWh
Bulgaria	270717	kWh	104	0,000384	t/kWh
Heating, hot water, air-conditioning & ventilation					
	5430816	kWh	627	diff	t/kWh
Total	10840280	kWh	1840		

Scope 2 emissions **decreased by 0,2%** compared to 2022.

Scope 1&2 emissions **decreased by 4%** compared to 2022.

³ Scope: Ukrainian, Polish, Bulgarian development centers. Other offices are excluded of the scope due to unavailability of data.

Energy consumption outside of the organization and Scope 3 GHG Emissions

Energy consumption outside of SoftServe and indirect emissions a company is responsible for outside of its own activities (value chain emissions)

Calculated in accordance with the GHG Protocol.

The report on scope 3 greenhouse gas emissions reflects indirect CO₂ emissions from purchased goods and services, capital goods, upstream leased assets, waste generated in operations and business trips (BTs).



“An effective corporate climate change strategy requires a detailed understanding of a company’s greenhouse gas (GHG) emissions.”

The GHG Protocol

Indirect emissions					
Place	Quantity	Units	t CO ₂ e	Index	Units
Purchased goods and services	52513492	USD	12285	diff	t/USD
Capital goods	12140	items	1799	diff	t/ items
	1945605	USD		diff	t/USD
Waste generated in operations	397	t	176	diff	t/t
Flights& Overland transport distance	1620443	km	689	diff	t/km
Upstream leased assets	99569	m ²	1300	diff	t/m ²
Total			16249		

Energy and carbon intensity

GJ/full-time employees and CO₂/full-time employees

Energy intensity is the measure of energy necessary for 1 full-time employee to work.

39148,364 GJ / 9708 FTEs = 4,03

Carbon intensity is the measure of tCO₂ produced per 1 full-time employee.
The report reflects Carbon Intensity for Scopes 1&2.

2417 tCO₂ / 9708 FTEs = 0.249...

Carbon intensity of less than 20% is the top result for non-carbon-free business⁴. Overall carbon intensity of SoftServe has decreased compared to 2022. Scope 1&2 carbon intensity has decreased by 10%.

⁴ <https://bimpactassessment.net/>