

REPORT

GRI-302, 305 — based combined report

2021

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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

This report uses [calculation tools in accordance with the GHG protocol](#).

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	653,046	M3	1,235	mult	t/m ³
	Ivano-Frankivsk - Office 1					
	Kharkiv - Office 2					
	Kharkiv - Office 3					
	Kyiv - Office 3					
	Kyiv - Office 4					
	Lviv - Office 12					
	Lviv - Office 14					
	Lviv - Office 2					
	Lviv - Office 9					
	Lviv - Office HQ					
	Rivne - Office 1					
	Rivne - Office 2					

Scope 1 emissions **decreased by 55.4%** compared to 2020.

¹ Fleet vehicles are excluded due to inapplicability. Air-conditioning leaks were not measured in 2021.

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

This report was 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 based on electricity consumed³.

Electricity Consumed					
PLACE	QUANTITY	UNITS	tCO ₂ e	INDEX	UNITS
Ukraine	5,590,084	kWh	1,442	0.000258	t/kWh
Poland	429,964	kWh	75	0.000611	t/kWh
Bulgaria	239,412	kWh	107	0.000449	t/kWh
Heating, air-conditioning & ventilation					
	418,407	kWh	1,791	diff	t/kWh
Total	6,259,460	kWh	3,415		t/kWh

Scope 2 emissions **increased by 16.7%** compared to 2020.

Scope 1 and 2 emissions **decreased by 18.3%** compared to 2020.

³Scope: Ukrainian, Polish, and Bulgarian development centers. Other offices are excluded due to data unavailability.e.

ENERGY CONSUMPTION OUTSIDE OF THE ORGANIZATION AND SCOPE 3 GHG EMISSIONS

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

This report was calculated in accordance with GHG Protocol.

The report on scope 3 greenhouse gas emissions reflects indirect CO₂ emissions from business trips (BTs).



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

GHG Protocol

Indirect Emissions					
PLACE	QUANTITY	UNITS	tCO ₂ e	INDEX	UNITS
Flights and overland transport distance	1,187,527	km	299	dif	t/km
Capital goods	12,215	items	3,957	dif	t/item
Total			4,256		

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

⁴ Numbers differ from the CDP report due to methodology updates.

ENERGY AND CARBON INTENSITY

MJ/full time employees and CO₂/ full time employees

Energy intensity measures the energy necessary for 1 full time employee to work.

24,684,163,200 MJ / 120,735 FTES = 204.5%

Carbon intensity is the measure of tCO₂ produced per 1 full time employee.

The report reflects Carbon Intensity for Scopes 1, 2, and 3.

7,115 TCO₂ / 120,735 FTES = 0.059%

A carbon intensity of less than 20% is the top result for non-carbon free businesses⁴. The overall carbon intensity of SoftServe decreased compared to 2020. Scope 1 and 2 carbon intensity decreased by 0.021%.

⁴Source <https://bimpactassessment.net/>

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