

REPORT

GRI-302, 305 — based combined report

2020

JUNE 21,

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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 leaks .

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-1, Rivne-2, Ivano-Frankivsk, Kharkiv-2, Lviv-1, Lviv-2, Lviv-8, Lviv-12, Lviv-HQ	369,123	M ³	2,761	mult	t/m ³

¹ Fleet vehicles are excluded due to inapplicability. Air-conditioning leaks were not measured in 2020.

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	8,368,591	kWh	2,678	0.00032	t/kWh
Poland	315,188		164	0.00052	t/kWh
Bulgaria	259,398.3		84	0.000324	t/kWh
Total			2,926 ⁴		

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 from the BTs energy are calculated based on type of transport and distance as foreseen by the GHG Protocol⁵.

Electricity Consumed					
PLACE	QUANTITY	UNITS	tCO ₂ e	INDEX	UNITS
Flights	241,788	km	21	dif	t/km
Overland transport	889,191	km	264	dif	t/km
Total			285		

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.

32,238,527.4 MJ⁶ / 94,836 FTES = 339.9%

³Source https://ghgprotocol.org/calculation-tools#cross_sector_tools_id

⁶ Source <https://104.ua/ua/analytics/id/jak-ce-pracuje.-energetichni-odinici-zamist-kubom-21751>

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

The report reflects Carbon Intensity for Scopes 1 and 2.

5,687 TCO₂ / 94,836 FTES = 0.059%

A carbon intensity of less than 20% is the top result for non-carbon free businesses⁷.

⁷Source <https://bimpactassessment.net/>

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