levira

Greenhouse Gas (GHG) Footprint of Levira

Levira calculates its greenhouse gas (GHG) footprint using a universal framework and model based on widely recognized international methodological guidelines and standards, primarily the Greenhouse Gas Protocol (https://ghgprotocol.org). The GHG footprint calculation model used by Levira has been developed by the Ministry of the Environment in collaboration with the Stockholm Environment Institute Tallinn Centre.

Levira's environmental and sustainability management system is based on the ISO 14001:2015 quality standard.

Levira measures its GHG footprint across Scopes 1, 2, and 3 based on the most commonly used emission sources.

Scope 1 covers Levira's direct GHG emissions from its own activities and emission sources.

Scope 2 includes indirect GHG emissions resulting from the consumption of energy purchased from other organizations.

Within **Scope 3** Levira currently measures indirect GHG emissions from outsourced transportation services, employee business travel, and commuting between home and work. Levira currently measures indirect GHG emissions from purchased and sold products and services to a limited extent.

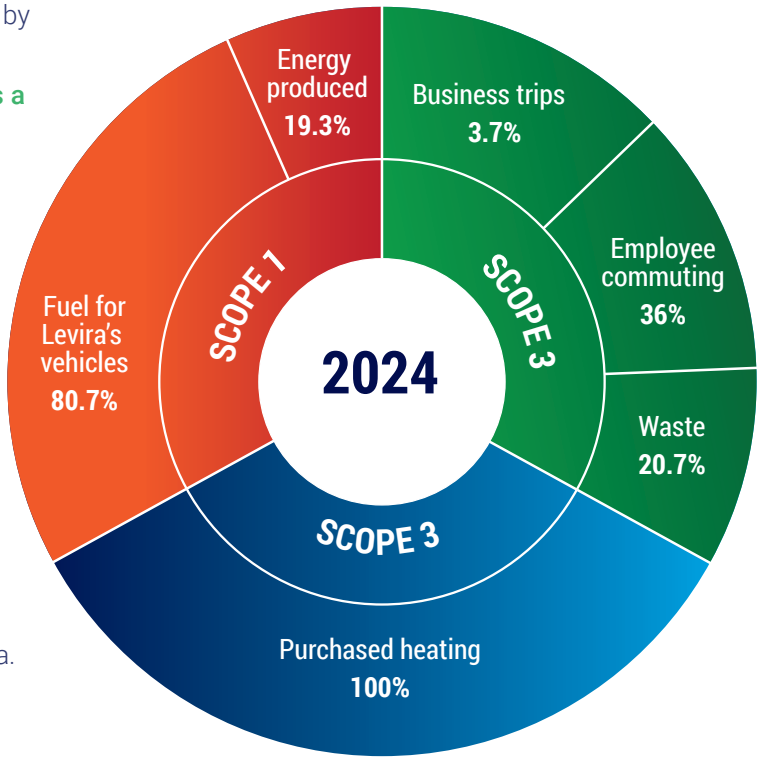
The specific emission factors used in calculating Levira's GHG footprint are based on data from the model developed by the Ministry of the Environment and the Stockholm Environment Institute Tallinn Centre.

LEVIRA'S GHG FOOTPRINT (t CO_2 ekv)					
Scope	**Tegevus**	**2022**	**2023**	**2024**	**2025**
Scope 1	Energy produced	17,7	17,5	24,3	
	Fuel for Levira´s vehicles	107,7	101,5	101,4	
Scope 1 total		**125,4**	**119,0**	**125,7**	
Scope 2	Purchased electricity	0	0	0	
	Purchased heating	18,4	19,5	22,3	
Scope 2 total		**18,4**	**19,5**	**22,3**	
Scope 3	Purchased transportation service of goods or people	8,3	8,3	3,9	
	Business trips of employees	25,0	49,3	37,3	
	Employee commuting	32,8	36,4	36,4	
	Waste	21,0	21,0	20,9	
	Purchased goods	6,6	2,3	2,5	
Scope 3 total		**93,7**	**117,3**	**101,0**	
TOTAL GHG FOOTPRINT		**237,4**	**255,7**	**249,1**	

The Sustainability targets of Levira are the following:

1. Levira's business operations will be all carbon neutral by the year 2050.
   In 2024, Levira produced 249.1 tons of CO_2, which is a 2.6% reduction compared to 2023.
2. All electricity purchased by Levira has been produced from renewable sources since 2022.
   In 2024, Levira purchased energy exclusively from renewable sources (wind).
3. Levira's solar power plants generate renewable electricity to Levira to cover at least 5% of Levira's total.
   In 2024, Levira's solar power plants generated 1.8% of the company's total electricity consumption.
4. When consuming liquid fuels Levira prefers fuels from renewable sources. All fuels consumed by Levira.
   In 2024, Levira used only liquid fuels produced from renewable sources.
5. Levira plans reducing the average Power Usage Effectiveness (PUE) of its Data Centres to at least 1.2 through more efficient solutions. Levira also plans to maximize the utilization of Data Centres generated heat for the heating the TV tower and other transmission sites.
   In 2024, the average PUE of Levira's data centers was 1.26.

Levira's GHG footprint by Scopes
GHG FOOTPRINT



The KPI´s of Levira´s sustainability targets are the following:

The KPI´s of Levira´s sustainability targets				
KPI and unit	**2022**	**2023**	**2024**	**2025**
Solar energy produced (kWh)	119,466	143,199	227,375	
Solar energy sold (kWh)	29,443	26,016	59,849	
Renewable electricity purchased (kWh)	11,905,491	12,438,402	12,735,501	
Diesel fuel consumed for energy prduction (L)	6,750	6,687	9,279	
Fuel for Levira´s vehicles (L)	42,666	40,120	39,905	
Purchased heating (kWh)	119,500	126,384	144,756	
Water consumption, incl tenants (m^3)	3,273	3,191	3,253	
Average PUE of Data Centre	1,25	1,27	1,26	
Reutilization of Waste Heat from Data Centers	24%	24%	24%	