
WIBAX
OUR BUSINESS IS GOOD CHEMISTRY

WIBAX GREENHOUSE GAS INVENTORY REPORT 2023, SYNOPSIS

GREENHOUSE GAS INVENTORY 2023

Wibax greenhouse gas (GHG) inventory and reporting are based on the Corporate Accounting and Reporting Standard: The Greenhouse Gas Protocol (GHG Protocol). The aim of Wibax GHG inventory is to obtain a good follow-up of the Groups emissions by performing the emission inventory according to a well-established standard, as well as meeting the increased customer demand of GHG information of our business.

The GHG inventory is based on usage data within the Wibax Group and emission information obtained from suppliers, supplemented by emission calculations performed in GHG Protocol Calculation tools when needed. Wibax GHG inventory and reporting is based on the principles of relevance, completeness, consistency, transparency and accuracy.

This is the English synopsis of the full report of Wibax GHG inventory report 2023.

INVENTORY BOUNDARIES

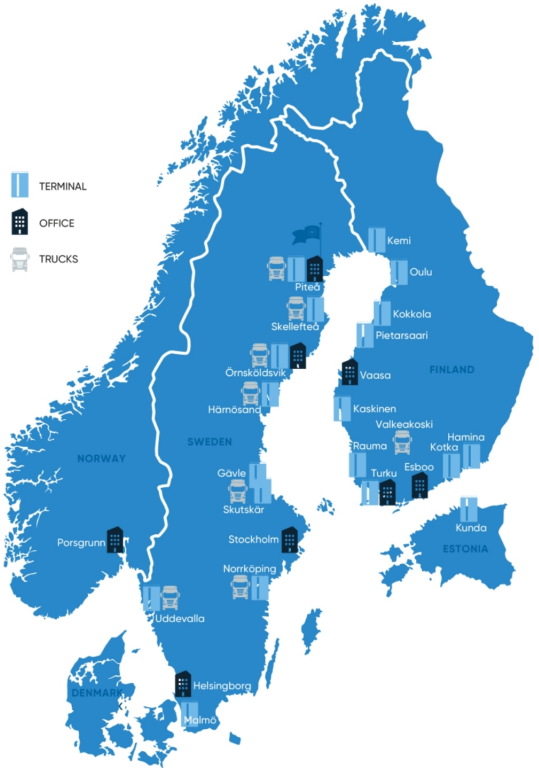
SYSTEM BOUNDARIES

The consolidation method used is operational control. This means that the delimitation of emissions is based on the companies control over the respective business activities. All companies and company activities of Wibax Group in Sweden, Finland and Estonia is included in the report for 2023. The inventory covers the Group's activities between the 1st of January to the 31st of December 2023.

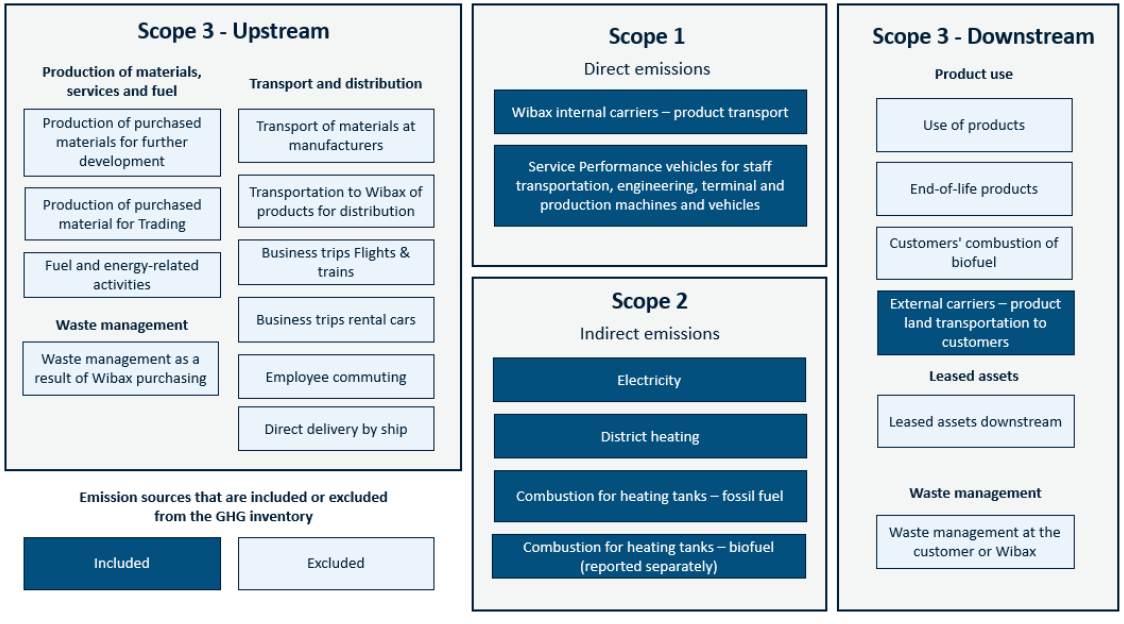
Base year

The base year of 2021 is chosen for the whole Group. With the acquisition of the Finnish Transportation companies in the beginning of 2022 the emissions for the base year has been recalculated.

Some emission data for Wibax Sweden AB is available on a longer time scale. Part of this data is also presented in the report to provide insight on some of the emission trends of Wibax Sweden.



INVENTORY BOUNDARIES – SCOPE AND CATEGORIES

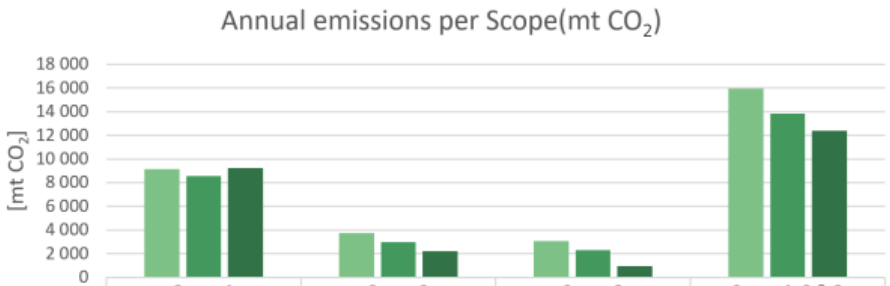


EMISSIONS GROUP LEVEL

ANNUAL EMISSIONS PER SCOPE

The greenhouse gas inventory shows that the direct emissions in Scope 1, from Wibax-owned transportation, continues to represent the largest amount of greenhouse gas emissions in terms of CO2 equivalents.

Scope 2 and 3 emissions have decreased from 2021 to 2023, while emissions in Scope 1 have increased. The increase in Scope 1 is due to a higher number of own transport operations in 2023, and the removal of the “reduction obligation” in 2023, resulting in a lower mix of renewable shares in the fuel. Emissions in i Scope 2 have decreased due to a lower use of fossil fuels when heating tanks at our Finnish terminals. The decrease in Scope 3 in 2023 is due to a lower amount of used external carriers.



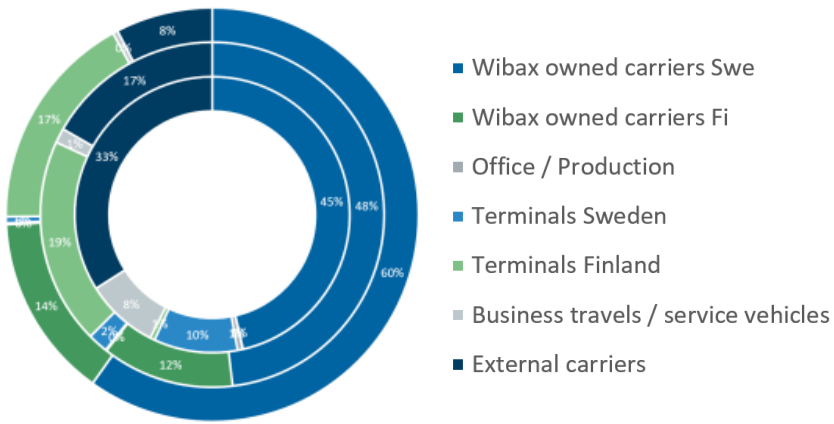
	Scope 1	Scope 2	Scope 3	Scope 1, 2 & 3
2021	9 133	3 739	3 057	15 929
2022	8 565	2 954	2 313	13 833
2023	9 244	2 200	940	12 385

EMISSIONS GROUP LEVEL

EMISSIONS BY CATEGORY

To more clearly view the emission sources, they have been divided into groups: Wibax owned transportation, External carriers, Office/Production which includes the head office in Piteå (Property emissions, electricity and heating) and Logistics head office in Finland, Terminals (electricity, and combustion of fossil fuels) divided between the Swedish and Finnish operations, and Service vehicles (limited to passenger travels by car and other service performance vehicles).

Emissions from main offices and production are very low, with 100% renewable energy in the head quarters and district heating and is thus not visible in the picture. Other offices are grouped with the terminal emissions. The outer circle represents the emissions during 2023 and the inner circle the emissions during 2021.

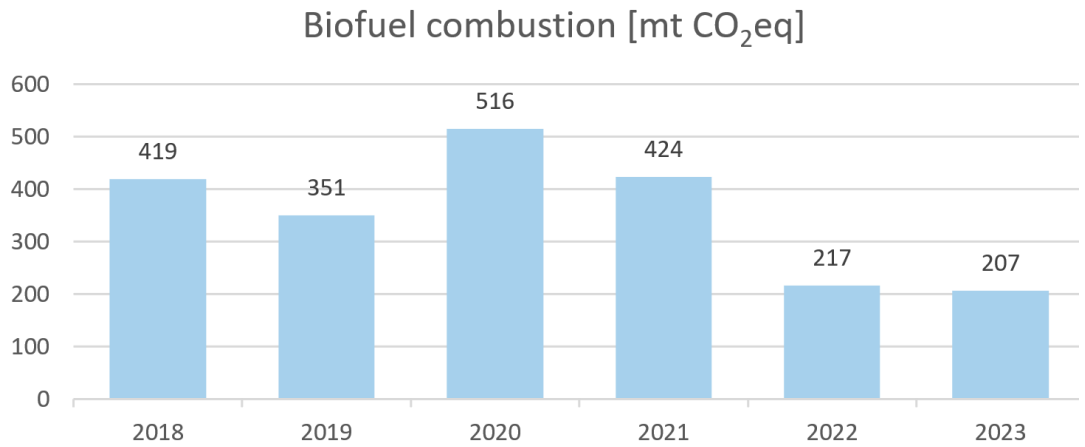


EMISSIONS GROUP LEVEL

EMISSIONS FROM COMBUSTION OF BIOFUELS

Some of the products that are stored at our terminals need heating, and the winter temperature affect the amount of fuel needed and thus the emissions.

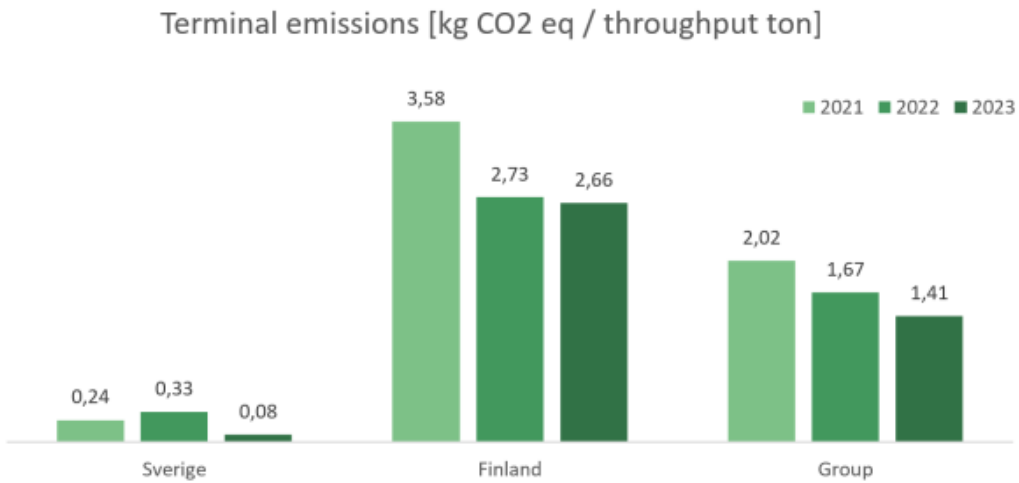
All heating systems at the Swedish terminals have been converted from fossil fuel combustion to biofuel usage and electricity heating, and the Finnish terminals are converting into electricity heating. None of Wibax terminals in Finland use biofuels for heating 2021. Following are the emissions from biofuel combustion in Sweden.



PERFORMANCE INDICATORS

TERMINAL EMISSIONS

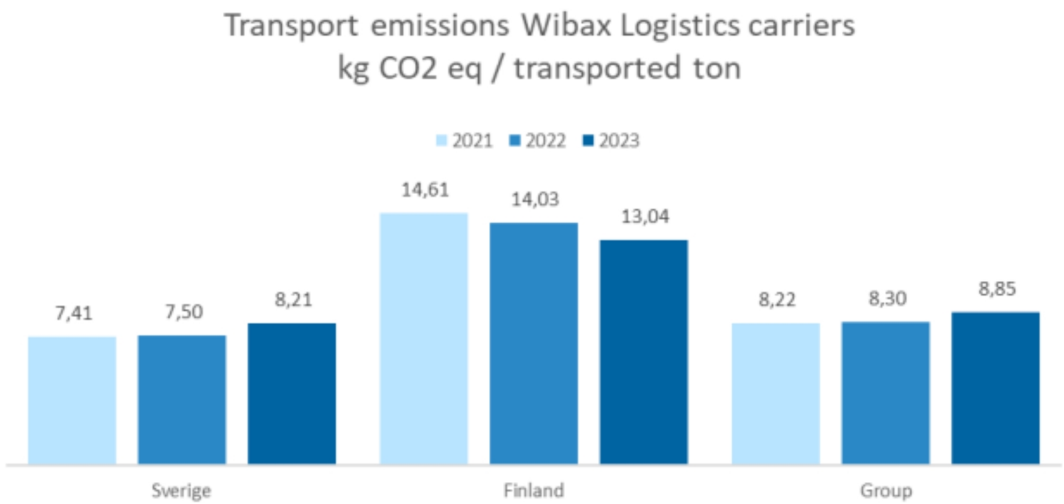
Wibax is a growing business where distribution of chemicals (storage and transport) make up the largest part of our business. The emissions from our terminals are compared with the terminal throughput volume to follow the emissions / handled ton at the terminals. The emission decrease is Sweden and Finland is due to a decrease in usage of fossil oil during 2023.



PERFORMANCE INDICATORS

TRANSPORT EMISSIONS

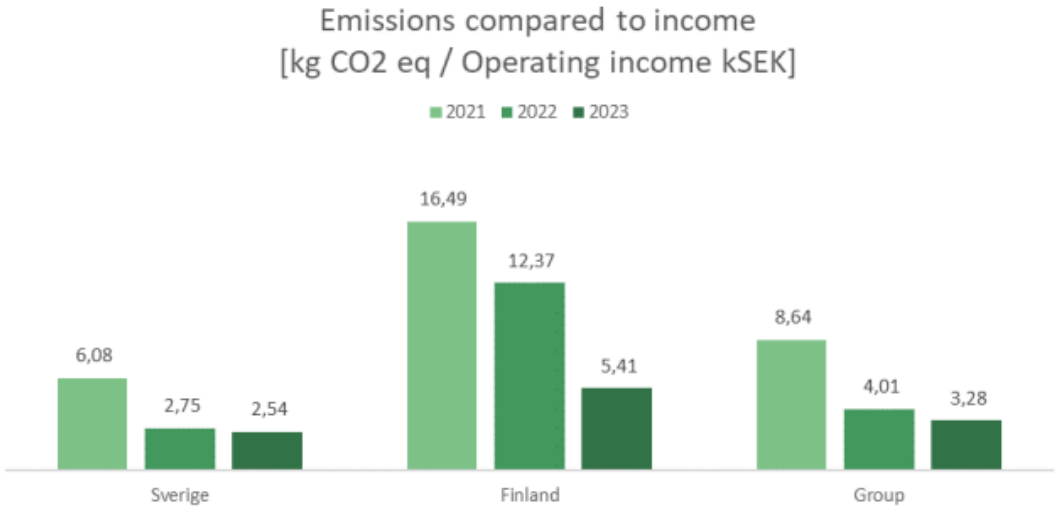
Emissions from the land transportation of Wibax owned carriers are compared with the amount of transported products. The emissions from Finnish carriers decreased between 2021 and 2023 as less diesel was needed per transported ton product. The increase of emissions for the Swedish transports are due to the removal of the “reduction obligation” in 2023, resulting in a lower mix of renewable shares in the fuel.



PERFORMANCE INDICATORS

ECONOMICAL INDICATOR

The emissions from Scope 1 and 2 for Wibax operations are also compared with the Operating income in kSEK. As shown, there is a decrease for both countries as well as on Group level. This decrease is linked to both an overall decrease of emissions but also to a higher Operating income within Wibax Group. The higher operating income 2023 is mainly due to increased sales volumes and an increase in market price on some of our biggest products.



DATA INFORMATION

EMISSION DATA FOR OTHER GHGs

The data from suppliers has been expressed in CO_2 eq and because of this, most emission sources lack the information of emission of other GHGs. The data available is thereby not complete and not considered representative for other GHGs.

RELIABILITY ANALYSIS

A reliability analysis has been performed on the data with the aim of evaluating the data based on its completeness. 62% of the emissions in the inventory used data that are considered complete and presented with emission values (Cat. A). 34% of the emissions in the inventory uses data with some type of averages or qualified estimates as parameters (Cat. B). 4% of the emissions are based on data with several assumptions, estimations or averages, or lack in completeness or details (Cat. C). The current level of reliability is considered as acceptable.

ABOUT THE REPORT

The GHG inventory report and synopsis has been performed by Wibax Sustainability Coordinator and finalized in April 2024. The report and synopsis is the fourth GHG inventory performed by Wibax. Full inventory report is available by demand in Swedish.