AHOLA TRANSPORT

Environmental Report 2023

Information about this report:

- This report presents the greenhouse gas emissions of transport services supplied by Ahola Transport
- The GHG emissions* in this report are calculated in accordance with the EN 16258 standard.
- This report presents the GHG emissions as CO_2 equivalent* figures. In previous reports and in the sea freight part of this report emissions are presented as CO_2.
- Ahola Transport is calculating the distance of the transport assignments according to the fastest feasible route for heavy vehicles.
- Empty kilometres are included in the transport assignment distance and thus the GHG emissions cover also the empty driving.

***Greenhouse gas, GHG**
Gaseous constituent of the atmosphere, both natural and anthropogenic, that absorbs and emits radiation at specific wavelengths within the spectrum of infrared radiation emitted by the earth's surface, the atmosphere, and clouds.

Background to Ahola Transport's Environmental Work

Ever since the middle of the 1990s, Ahola Transport has actively worked on improving its environmental profile. In 2000, a more purposeful environmental effort was begun in which third-party certification of the company's environmental system (according to ISO 14001) constituted a natural step. This goal was reached in 2002 when the company obtained its ISO 14001 environmental management certificate. Since 2001, the company has published an annual environmental report where the goals and results of the environmental work are presented.

The rationale behind the active work on environmental improvement measures is founded on demands from customers, national and international programmes and other interest parties. The environmental work and company targets reflect an ever greater environmental awareness also among the company's owners and co-workers.

The following tasks form the core of our environmental work:

- Constantly reducing our fuel consumption and our emissions in relation to the quantity of transported freight.
- Increasing our co-workers' insight into environmental issues.

The continuing environmental work

Ahola Transport's mission has for years been to offer more efficient, more reliable and more environmental friendly transport and logistics services. The basis of the environmental work consists of the company management's environmental targets and environmental programme where the focus is continuously reducing the environmental impact in relation to our produced tonne-kilometres.

Ahola Transport plans and carries out transport assignments with a concept of dynamic logistics, the customer's freight needs are always the starting point for routing. This way, lead times can be shortened, freight handling is minimized, flexibility is increased and emissions are reduced.

Development areas of environmentally friendly transport services

PROFESSIONAL SKILLS

- Quality standards
- Assisting technology
- Training and coaching
- Driver approval and certification programs

>> Eco-driving

OPTIMIZED FLEET

- Modern truck technology &
- High load capacity consepts

>> Lower fuel consumption & higher payload

REAL-TIME OPERATIONS

- Dynamic logistics
- Connectivity
- Digitalization
- Minimized waste

>> Production efficiency

ENERGY CHOICES

- Alternative energy choice
- Green km-services
- Monitoring

>> Carbon reduction

Targets for 2024

NUMERIC TARGET

27,00 grams of CO_2e/t.km in road transport services.

ACTIVITY TARGETS

Continuous improvement in the development areas for lower transport emissions:

- Professional skills, real-time operations, fleet development, and energy choices.
- Research and development work towards low carbon services: new technologies and energy alternatives such as electricity.
- Continuous development concerning facilities' energy efficiency according to targets set at Group level.

GHG emissions of road transport services 2023

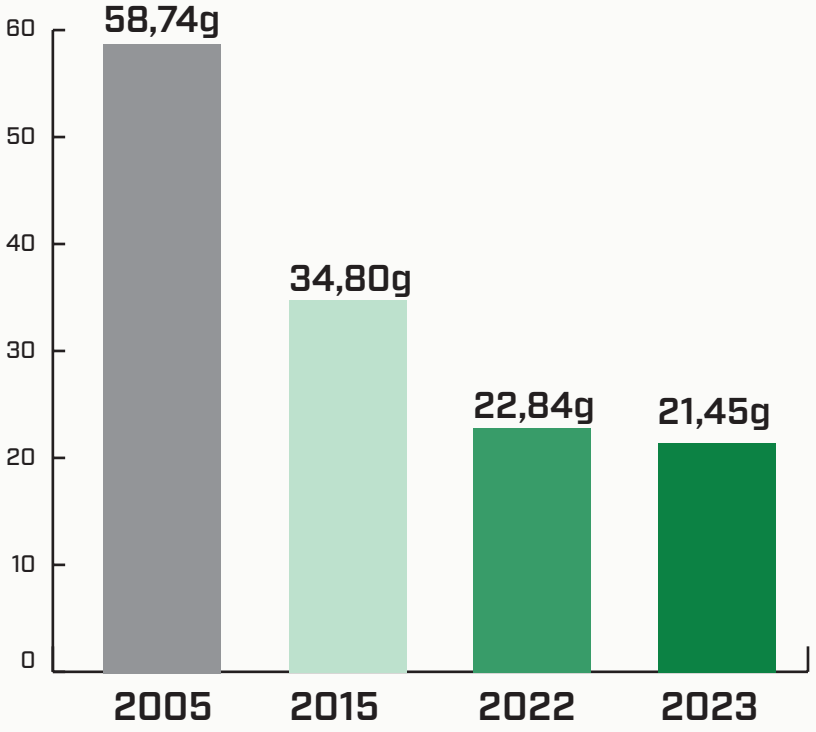
GHG EMISSIONS PER TONNE-KILOMETRE (T.KM)*

*The most applicable unit for freight transport activity is tonne-kilometre.

A tonne-kilometre, abbreviated as t.km, is a unit of measure of freight transport which represents the transport of one freight tonne of goods over a distance of one kilometre.

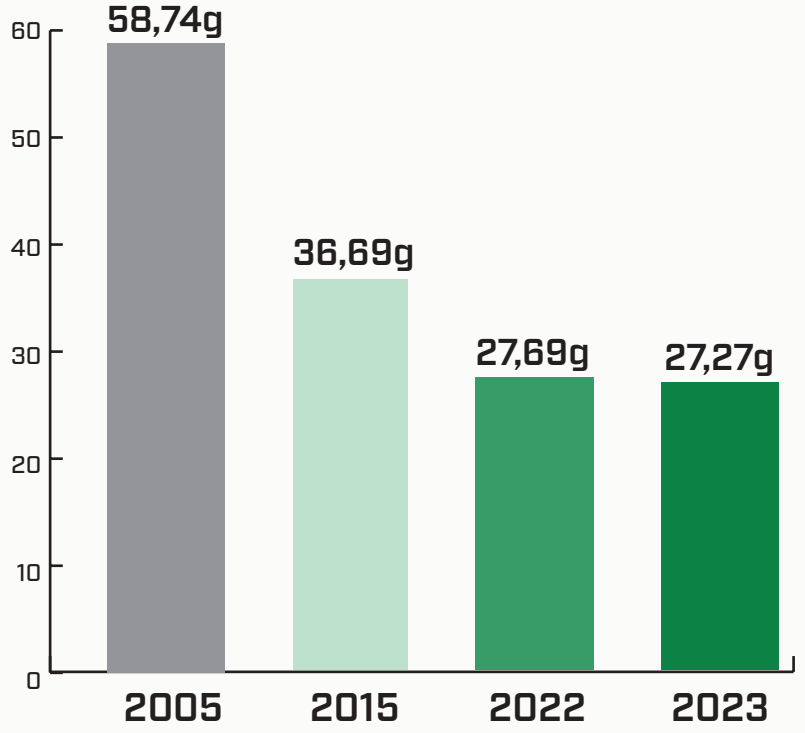
Nordic countries

Grams CO_2e per t.km



All market areas

Grams CO_2e per t.km



The 2005 column presents data of the transport industry's emissions in Finland in 2005 from public sources
The 2015 column presents Ahola Transport's emissions in 2015, which is also our reference year for reporting
The 2023 column presents Ahola Transport's emissions for the reporting year 2023.

*CO_2 equivalent

A carbon dioxide equivalent or CO_2 equivalent, abbreviated as CO_2e is a metric measure used to sum the emissions from various greenhouse gases on the basis of their globalwarming potential (GWP), by converting amounts of other gases to the equivalent amount of carbon dioxide with the same global warming potential.

CO_2E SUMMARIZES THE FOLLOWING GREENHOUSE GASES:

- Carbon dioxide CO_2
- Methane CH_4
- Nitrous oxide N_2O
- Sulphur hexafluoride SF_6
- Hydrofluorocarbons HFCs
- Perfluorocarbons PFCs

CO_2 traffic emissions
of road transport services

NORDIC COUNTRIES
Grams CO_2e per t.km

Tank to Wheel Grams CO_2e per t.km	34,80	31,54	28,10	24,82	24,44	22,84	21,45
Life cycle Grams CO_2e per t.km	44,40	42,28	38,89	35,90	35,62	34,19	34,46
Tank to Wheel Energy Consumption, MJ per t.km	0,505	0,492	0,460	0,433	0,431	0,418	0,432
Life cycle Energy Consumption, MJ per t.km	0,686	0,694	0,664	0,641	0,640	0,631	0,676
Year	**2015**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**

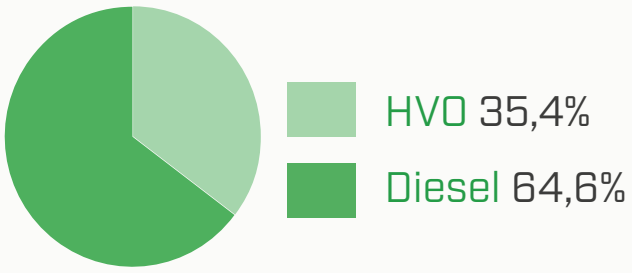
ALL MARKET AREAS
Grams CO_2e per t.km

Tank to Wheel Grams CO_2e per t.km	36,69	33,89	31,15	28,84	27,95	27,69	27,27
Life cycle Grams CO_2e per t.km	46,16	44,12	41,39	39,19	38,21	38,18	38,89
Tank to Wheel Energy Consumption, MJ per t.km	0,521	0,507	0,480	0,459	0,449	0,450	0,466
Life cycle Energy Consumption, MJ per t.km	0,700	0,699	0,673	0,654	0,642	0,648	0,684
Year	**2015**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**

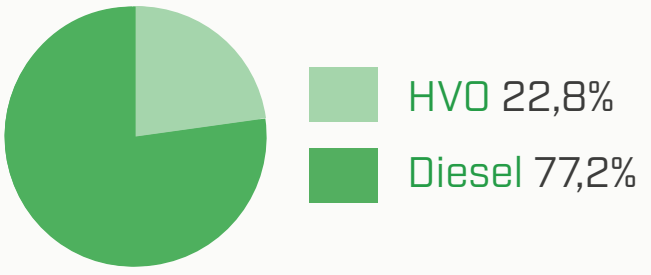
Bio fuels

Share of bio-based fuels of total amount used for road transport in 2023.

Nordic countries



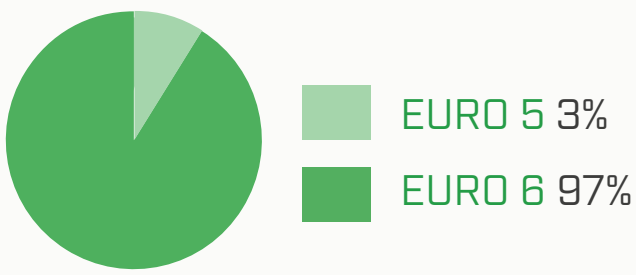
All market areas



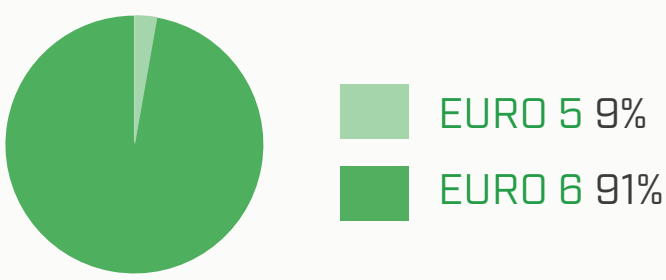
Vehicle euro classes

The result shows the distribution of EURO classes for all of our own and contracted vehicles in the end of 2023.

Nordic countries



All market areas



Emissions of sea transports connected to road transports

Emissions of sea transports are presented as CO_2 (Tank-to-Wake)

All market areas 2023

132,9* grams of CO_2 per t.km

*weighted average based on emission data provided by ferry companies

Business Policy (Quality and Environmental policy)

Ahola Transport is a transport and logistics company operating in Europe. The company plans and performs direct transports for industry and trade.

The vision and performance management emphasize customer added value and efficiency.

Overall responsibility, openness and respect for the individual are the fundamental values that form the basis of the business.

WE WANT TO:

- create added value for customers, employees, suppliers, society and owners
- create competitiveness and profitability in controlling the flow of goods and performing transports
- create and maintain a safe and pleasant working environment for our employees and partners and actively participate in the development of a safe operating environment
- be a actor that considers environmental impact throughout all our operations

Åke Nyblom
Managing Director
Ahola Transport

WE ACHIEVE THIS BY:

- having a continuous dialogue with our customers to increase understanding of their needs
- developing and applying new logistics solutions regarding work methodology, transport equipment and IT
- continuously developing "Ahola's way of working" by focusing on value-creating processes, eliminating waste, and engaging all employees in our improvement work
- continuously carrying out work environment and well-being surveys and developing programs to continuously improve the work environment and actively work to increase traffic safety in our operations
- investing in development, education, and competence in the areas that are particularly critical to the environment and quality and encourage carriers and partners to actively participate in this work
- preventing pollution, comply with applicable environmental laws and other requirements, and continuously improving the company's various processes regarding the environment and quality
- setting clear goals and defining indicators for the above-mentioned focus areas