Advancing Responsible Transport Industry

SKAL Configurator Family

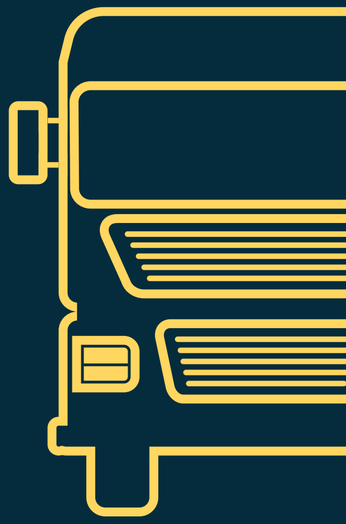
SKAL & Steve the Clerk

2025

Introduction

The transportation industry is facing pressure for change from multiple directions. Regulations are increasing in number and becoming more complex. Expectations regarding corporate responsibility and the reduction of emissions in the transportation sector are continually rising. The shift to alternative power sources challenges businesses, and managing profitable operations demands new skills from entrepreneurs.

How can companies and drivers navigate complex regulations? How can the administrative burden of addressing varying national transportation regulations — whether concerning technical requirements for long combinations, cargo securing, or abormal transports — be reduced? How can a company easily perform cost calculations to determine the unit costs of different power sources? Can emissions calculation and reporting be made simple enough for small businesses to manage?



The SKAL configurator family has been designed specifically for the needs of the transportation industry. These tools promote corporate responsibility and transport safety. When implemented on a European-wide scale, they also support the principle of free movement.

SKAL

The leading Finnish Transport and Logistics association SKAL develops configurators to support the operations of transport companies and drivers. The configurator family consists of the following:

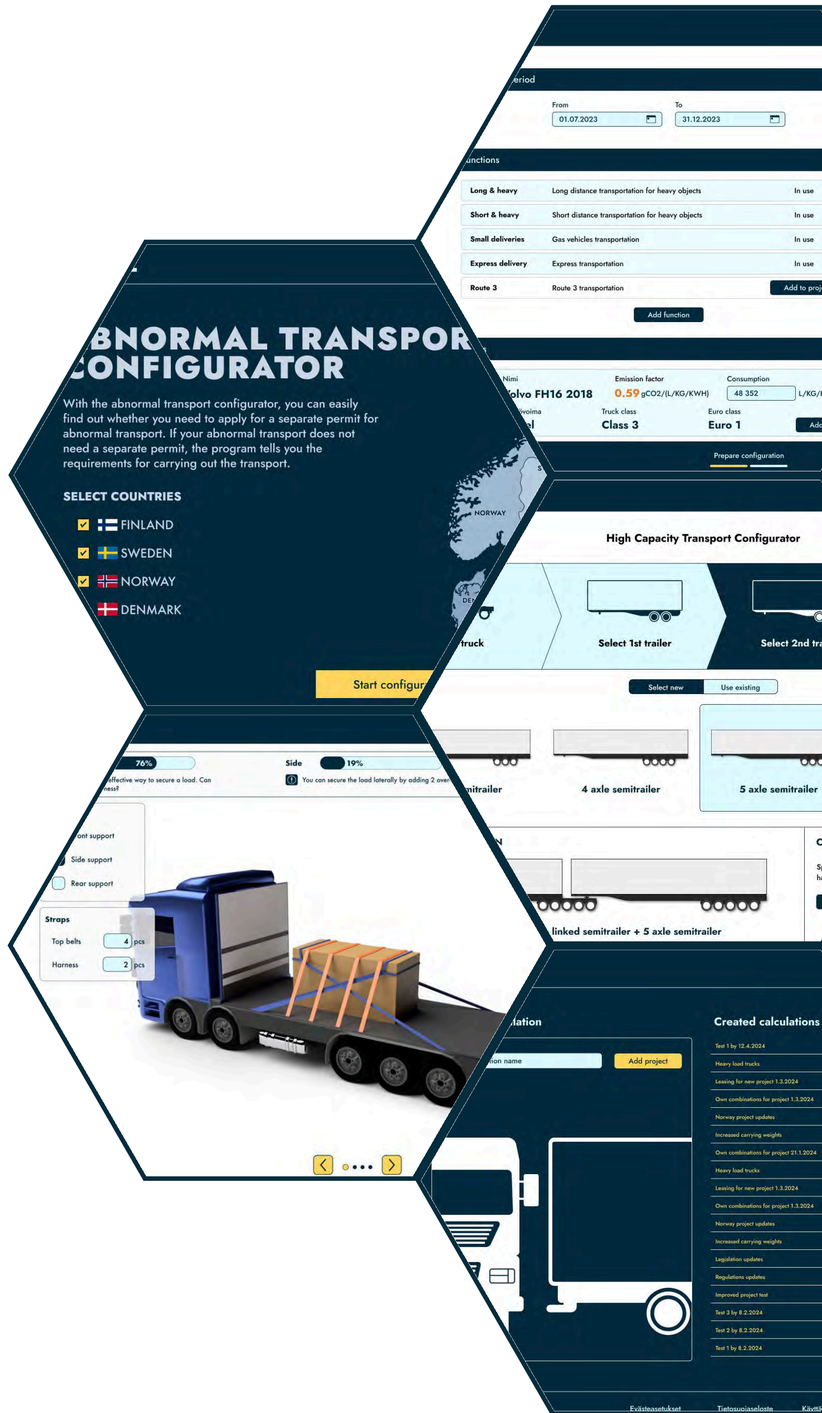
High Capacity Transport Configurator (HCTC): For identifying the requirements of long vehicle combinations.

Abnormal Transport Configurator (ATC): For identifying the requirements of abnormal transports, available at www.erikuapu.fi.

SKALculator: A tool for calculating transport costs and comparing the unit costs of different power sources.

Cargo Securing Configurator (CSC): A tool to assess the adequacy of cargo securing forces and to guide the correct securing methods (under development).

Count Emission Configurator (CEC): A tool specifically designed for micro and small- to medium-sized enterprises to calculate and report emissions from transport operations in compliance with the SFS EN ISO 14083:2023 standard, a requirement of the EU Count Emission initiative. (Under development)



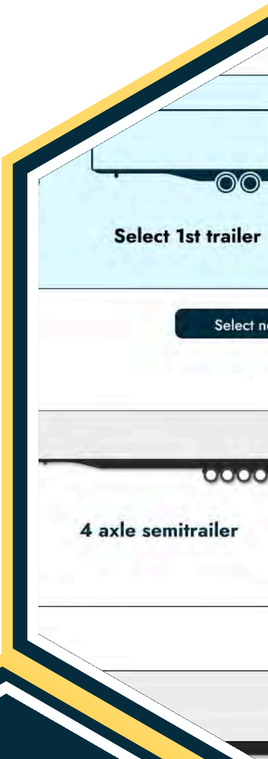
High Capacity Transport Configurator (HCTC)

The High Capacity Transport Configurator (HCTC) is an application designed to quickly and user-friendly define the requirements for long vehicle combinations (EMS).

With HCTC, you can determine:

- The stability requirements for the combination
- The turning radius requirements for the combination
- The coupling device requirements for the combination
- The equipment required based on the length of the combination
- The maximum allowable total mass of the combination

HCTC informs users whether the technical requirements for long vehicle combinations in Finland are currently met. The application can also be developed to account for regulations in other countries, allowing users to ensure compliance with requirements for cross-border transport. As updates to the EU's directive on weights and dimensions expand the use of EMS corridors in Europe, HCTC is the perfect tool to help the transportation industry fully leverage the opportunities of long and environmentally friendly EMS combinations.



All you need are the dimensions of your equipment — the application does the rest!

HCTC supports free movement in the transportation industry by reducing the administrative burden of navigating regulations. Additionally, it enhances road safety.

SKAL

High Capacity Transport Configurator (HCTC)

SUSTAINABLE EFFICIENCY

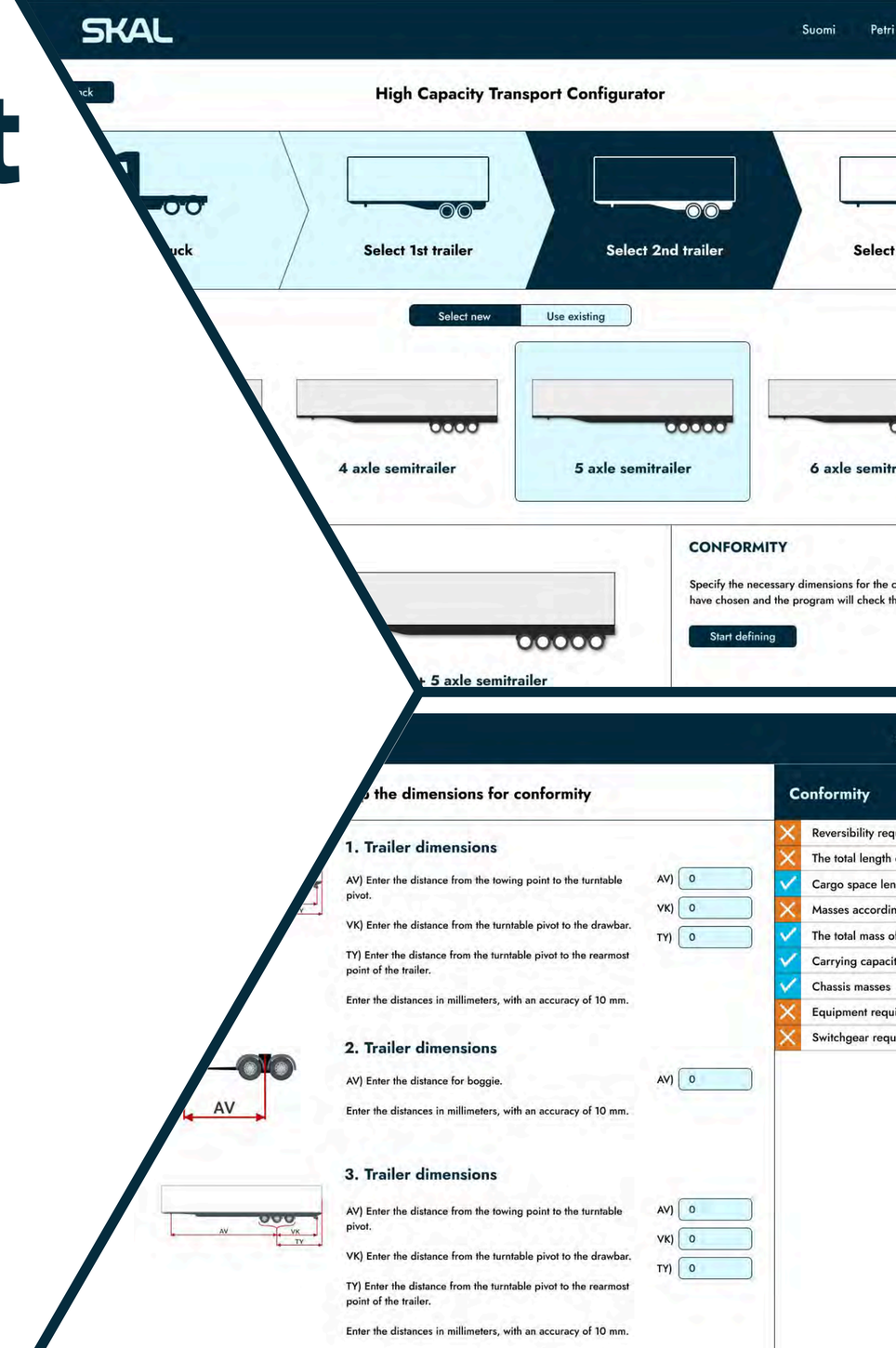
Optimize the design of long vehicle combinations and reduce environmental impacts

SAFETY FIRST

Supports the implementation of safe transport solutions.

TECHNOLOGICAL INNOVATION

Modern tools to support logistics development.



Abnormal Transport Configurator (ATC)

Abnormal transport is a demanding and specialized type of transportation. The regulations governing special transport are detailed and complex, with a direct impact on road safety.

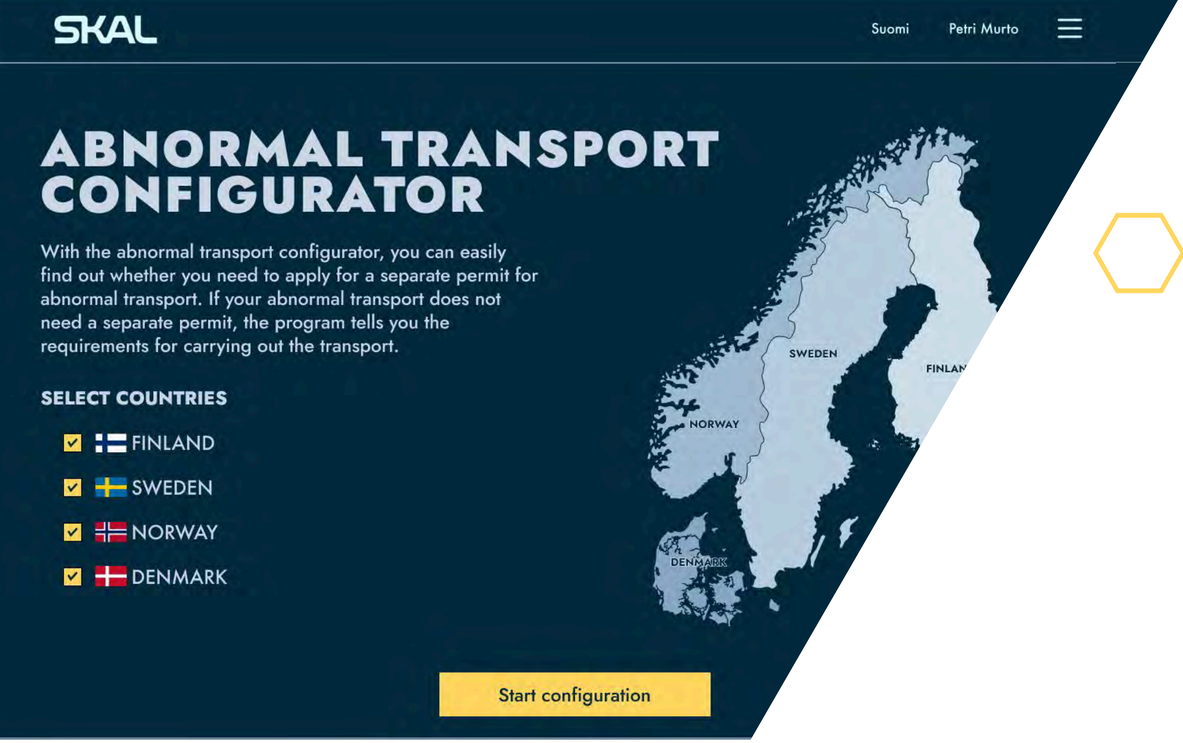
With the Abnormal Transport Configurator (ATC), you can determine:

- Whether the planned transport is legal (can the planned load be carried with the selected equipment?)
- Whether the transport requires a special transport permit
- Whether the transport requires escort vehicles
- Whether the transport requires traffic controllers

Currently ATC provides information on Finland's abnormal transport regulations. The application can be further developed to include regulations from other countries, allowing users to easily determine the requirements for international abnormal transport on a country-by-country basis.

ATC is more than just a tool—it is a partner designed to assist with navigating abnormal transport regulations. With ATC, abnormal transport companies and drivers can operate responsibly, efficiently, and safely, while supporting sustainable development and technological innovation.

SKAL



Abnormal Transport Configurator (ATC)

PRECISION AND COMPLIANCE

Reliable and straightforward evaluation of abnormal transport requirements.

ENSURING SAFETY

Supports risk management and promotes traffic safety.

RESOURCE OPTIMIZATION

Improves the efficiency and sustainability of abnormal transports.

SKAL

SKALculator

The shift to alternative energy sources requires transport companies to perform increasingly precise cost calculations. Comparing different energy sources is not a simple investment calculation; many variable factors must be considered. To simplify this process, SKAL has developed a cost calculation tool, the SKALculator.

The SKALculator provides clarity for transport companies' decision-making, offering concrete insights into how resources can be utilized most effectively. It enables the comparison of energy sources —such as diesel, electricity, hydrogen, and renewable fuels like HVO—helping companies make sustainable and competitive choices.

In addition to improving financial performance, the SKALculator supports broader objectives, such as reducing environmental impacts and optimizing resource use. It is specifically designed to help businesses adapt to evolving markets and regulatory environments.

SKAL

SKALculator

ACCURATE COST CALCULATION

Simplifies the analysis of transport cost structures.

GREEN TRANSITION

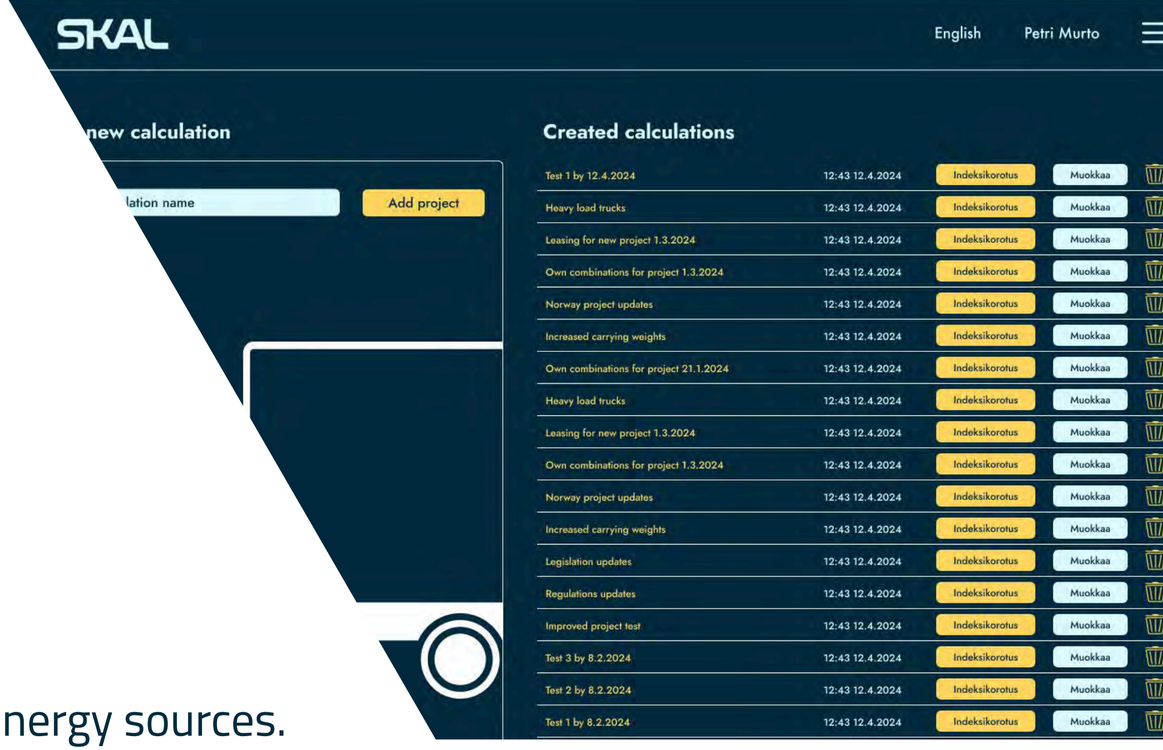
Facilitates the comparison of environmentally friendly energy sources.

ECONOMIC COMPETITIVENESS

Supports cost-efficient decision-making.

EASY TO USE

Offers an intuitive approach to cost calculation that engages the user.



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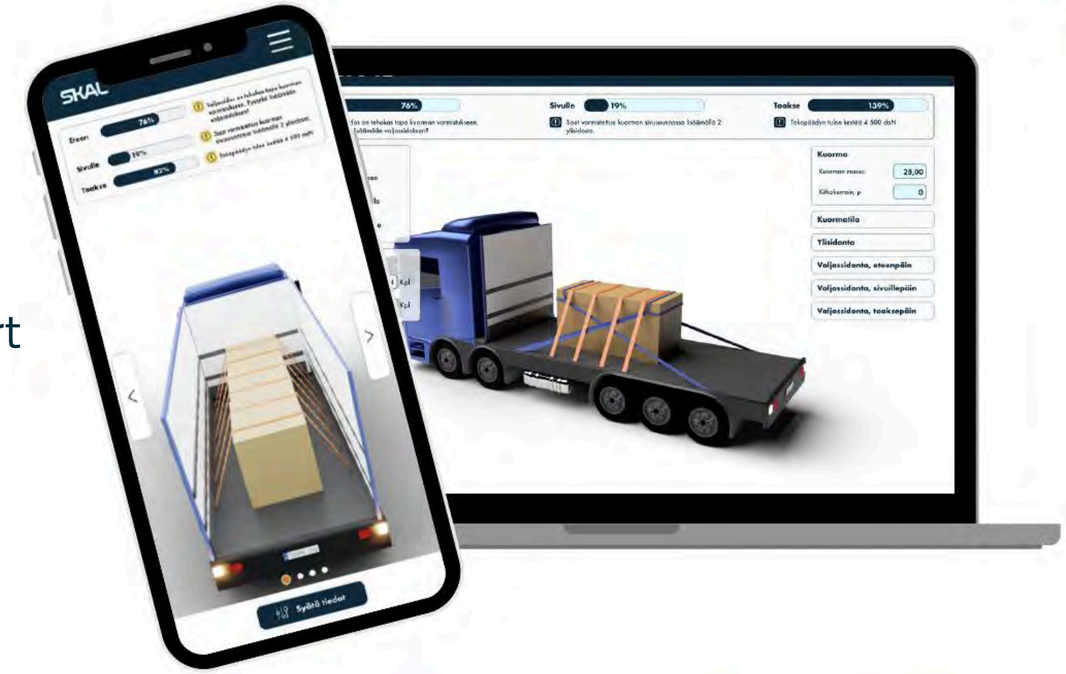
Cargo Securing Configurator (CSC)



The Cargo Securing Configurator (CSC) is designed to help transport industry professionals meet the specific requirements of cargo securing. Based on the EN 12-195 standard, CSC provides precise analytical tools to assess the adequacy of securing forces and select the most suitable securing methods for different situations. Combining technical precision with user-friendly functionality, the software is an essential tool for industry professionals.

CSC is designed for transport companies, drivers, authorities, and driver training programs. It enhances traffic safety by clearly illustrating the best securing methods for each situation. Using artificial intelligence, the application can recommend changes to securing methods if the one chosen is unsuitable for the situation. Additionally, CSC improves productivity by reducing transport-related damages.

CSC is a solution that integrates technology, practical needs, and sustainable development. The software allows companies to improve the reliability and efficiency of their operations while supporting a safer and more responsible transportation system.

SKAL

Cargo Securing Configurator (CSC)

SAFE TRANSPORT

Accurately evaluate the adequacy of securing forces.

REGULATORY COMPLIANCE

Supports meeting transport legal requirements.

RISK MANAGEMENT

Reduces transport damages and improves resource efficiency.

CSC project is currently in development (projected to be in production by May 2025)

Count Emission Configurator (CEC)

The Count Emission Configurator (CEC) is designed to meet the needs of small and medium-sized businesses, offering an easy-to-use solution for calculating and reporting emissions from transport activities. The software follows the SFS EN ISO 14083:2023 standard and complies with the EU Count Emission initiative, ensuring accurate and reliable calculations.

CEC helps companies track and manage the environmental impact of their transport operations, promoting responsible and sustainable practices. The software not only meets regulatory requirements but also helps businesses find ways to reduce emissions and create eco-friendly operations in an economically sustainable way.

This tool combines practicality and technology, helping companies become more competitive in markets where sustainability and environmental values are becoming increasingly important

CEC supports businesses in their efforts to create a greener, more sustainable transport system while helping them achieve broader environmental goals.

SKAL

Count Emission Configurator (CEC)

ENVIRONMENTAL RESPONSIBILITY

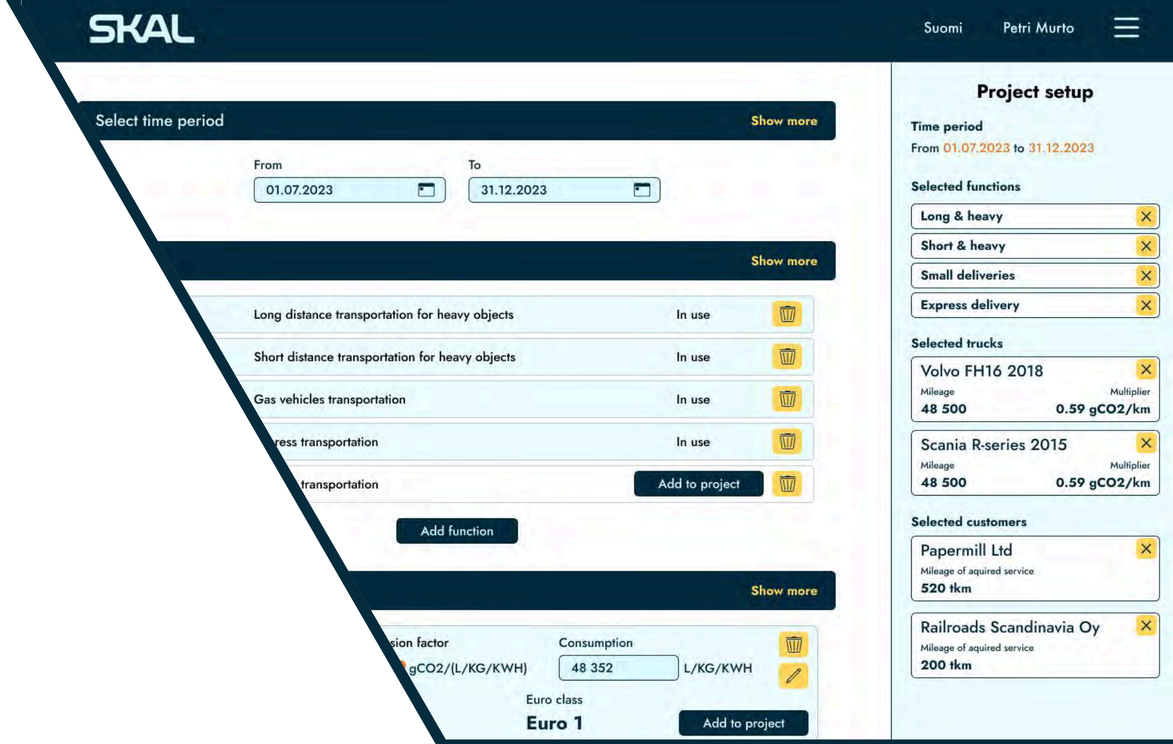
Enables accurate calculation of transport emissions.

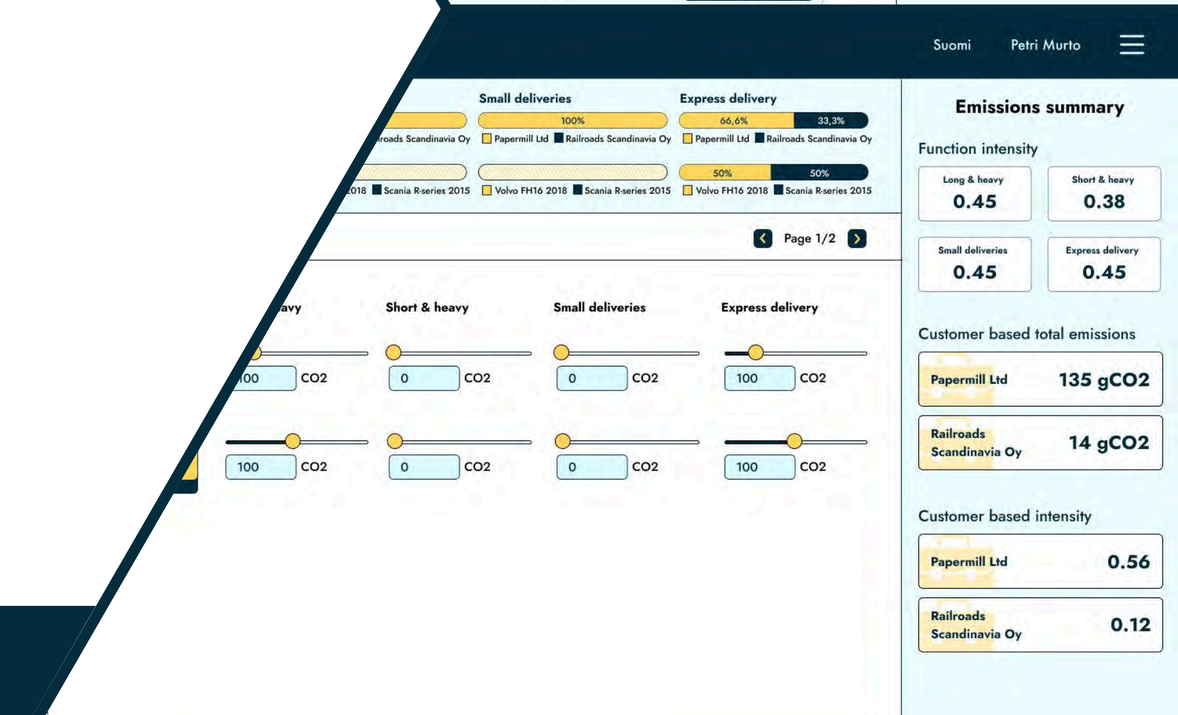
STANDARDS COMPLIANCE

Meets the requirements of SFS EN ISO 14083:2023.

GREEN COMPETITIVENESS

Supports companies in transitioning to more responsible operations.





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CEC project is scheduled for development in 2025

ABOUT US

SKAL

SKAL is the advocate and expert for Finnish road freight transport and logistics service providers, both in Finland and at the European Union level. Through its work, SKAL creates the conditions for profitable business and growth for transport companies, while also strengthening the reputation and appeal of the transport industry.

Steve the Clerk

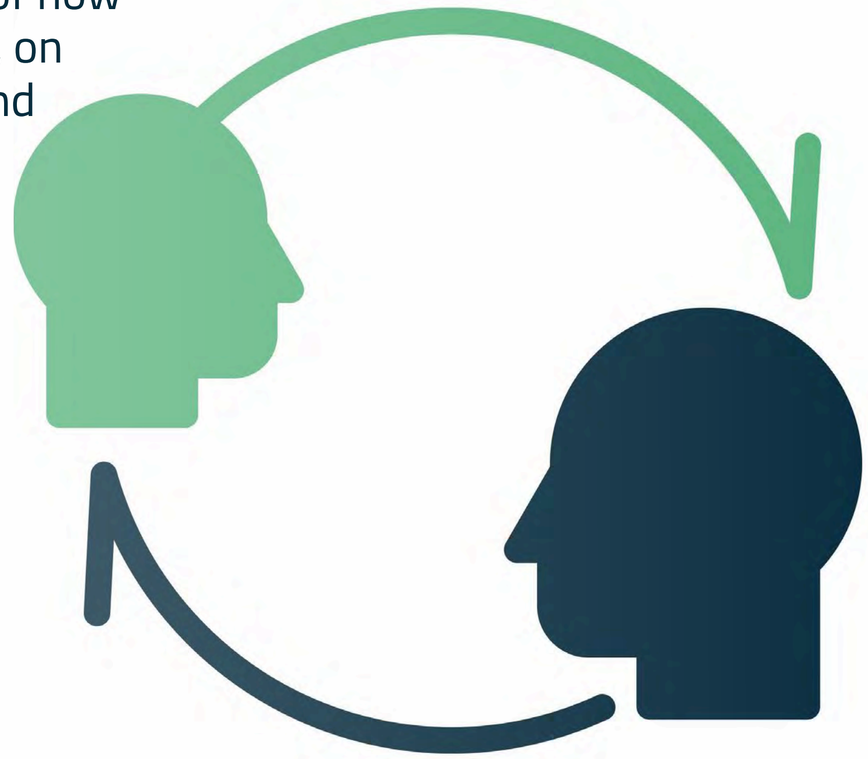
Our goal is to create a new type of software development that breaks traditional boundaries and changes the entire process.

We want to help our clients achieve their desired results as simply, quickly, and reliably as possible.

Make Communication A Two-way Street

SKAL and Steve the Clerk combine their expertise to create solutions that truly meet the needs of the transport sector. SKAL brings in-depth knowledge of how the industry operates and what is required for its success. Steve the Clerk, on the other hand, leverages its software development expertise to design and implement reliable and user-friendly software based on these insights, supporting industry players in their daily operations.

Our collaboration drives the industry's progress toward more unified and sustainable practices that enhance efficiency, innovation, and accountability. In doing so, we develop solutions that empower transport sector operators to thrive both locally and internationally in an ever-evolving environment.



SKAL

Finnish Transport and Logistics SKAL is an association for road freight transport and logistics service companies in Finland.
www.skal.fi/en

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