



Press release

Samskip unveils multimodal carbon calculator

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In line with its Sustainability strategy, Samskip has unveiled an online CO2 carbon footprint calculator designed to visualize the benefits when using multimodal transport versus road transport.

Previously, when a client requested the carbon footprint of a specific unit load, a reliable answer was hard to find. Now, the new Samskip CO2 online calculator provides an easy-to-use, online tool that can determine the CO2 footprint of any multimodal load moving within Samskip's extensive network to acquire the equivalent carbon offsets against a conventional road move.

The new app, previewed at April's Multimodal Show and formally launched by Samskip at Transport Logistics, Munich, May 9-12, is based on the CE Delft "[STREAM International](#)" study, which uses recognized CO2 calculation methods. This study contains an overview of vehicle-specific emissions in several market segments in the international freight transport; measured by tonne per kilometre.

The calculator analyses the environmental impact of multimodal transport (a combination of shortsea, rail, inland waterways and road) compared to conventional road transport. In considering every step from pick-up to delivery, including Samskip's complete European network (from Iceland to the Baltic Sea and Turkey), routing and mode of transport, the calculator can:

- Provide clients with an understanding of the carbon footprint of their transport(s). In just a few clicks, and in no time, a reliable footprint for any lane can be calculated.



- Demonstrate how changing specifications can influence the total carbon footprint. Shippers can assist the end-user in the decision-making process by entering various routings into the Samskip CO2 tool.
- Be used in environmental reporting to identify “carbon hotspots” in the customer’s transportation supply chain.

In the first instance, calculations focus on a single transit leg, using a 45ft pallet-wide container (equal to 2.25 TEU, with a payload of 15 tonnes) as its base load for comparison. However, other equipment types will soon be added, as will other multimodal transport scenarios, such as transits involving multiple stops, the weight impact of different cargo types, shipper preferences on routing, and shipment through Sulphur Emissions Control Areas.

Samskip’s lead in providing sustainable solutions focuses on increasing the intermodal component of its transport services, but the company also considers sustainability to be a company-wide operating principle. In securing ISO14001:2015 certification, Samskip is one of the very first Dutch companies whose Environmental Management System is recognised under the renewed Quality Assurance scheme. In its commercial and operational activities, Samskip’s integrated approach to environmental responsibility is to make progressive reductions where possible in paper waste, water use and energy consumption.

The Samskip CO2 tool gives shippers an opportunity to benefit society as well as their own businesses.

[Calculate how much you can save when using multimodal transport!](#)

Note to editors:

Samskip offers pan-European, environmentally responsible combined transport services via shortsea, road, rail and inland waterway routes. We are committed to cost-effectiveness, operational excellence and best practice in sustainable transport.

High frequency services connect destinations across Europe, the Baltic States, Russia and Central Asia, both door-to-door (including collection) and quay-to-quay, transported using a wide range of owned vessels, containers, trucks and trailers. To match equipment to cargoes shipped, options



include a full range of ISO containers and reefers, including 33-pallet capacity 45ft units.

In all cases shippers can make real choices based on frequency of service, transit times, freight rates and sustainability.

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