

Shipping Made Fossil Free

Reducing the fossil emissions from sea and air freight – without changing how goods are shipped.

Shipping Made Fossil Free is Hecksher's initiative to help customers reduce fossil CO2 emissions from transport. Through certified solutions for sea and air freight, we enable measurable emission reductions without changes to routes, vessels, aircraft, or logistics setup.

Our Solutions

Maritime Biofuel Insets

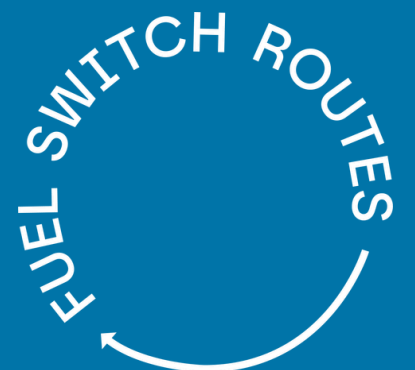
Reduce the climate impact of sea freight by replacing fossil marine fuel with renewable biofuel –without changing vessels or routes.

Sustainable Aviation Fuel Certificates (SAFc)

Lower the climate impact of air freight by replacing conventional jet fuel with certified renewable fuel – without operational changes.

Fuel Switch Routes

Selected LCL sea freight routes where certified biofuel insets are applied automatically, making fossil-free shipping the default option.



Frequently Asked Questions

What are Maritime Biofuel Insets?

Maritime Biofuel Insets allow customers to allocate the climate benefit of renewable marine biofuel to their sea freight shipments. Fossil CO2 emissions can be reduced by up to 100%, supported by verified documentation. The biofuel is liquefied biogas (LBG) produced from manure. This supports circular resource use while avoiding methane emissions.

What are Fuel Switch Routes?

On selected high-volume LCL import routes, biofuel insets are applied automatically at no extra cost. Current routes include Shanghai–Gothenburg.

What are SAF certificates?

SAF certificates, or SAFc, support the use of Sustainable Aviation Fuel within the aviation system. SAF can reduce fossil CO2 emissions by up to 80% compared to conventional jet fuel, with benefits are allocated through a third-party verified certification.

What is Book & Claim?

Book & Claim separates the environmental benefit of a renewable fuel from the physical fuel itself. This means a company can purchase the emission reduction from renewable fuel, even if the actual fuel is used somewhere else in the network.

Do customers need to change their logistics setup?

No. All Shipping Made Fossil-Free solutions work without changes to routes, carriers, vessels, aircraft, or operational processes.

Does fossil-free shipping cost more?

Fuel Switch Routes are included at no additional cost on eligible routes. Maritime Biofuel Insets and SAFc are priced according to the shipments specific emission profile (i.e. weight, distance, mode of transport). See below for pricing.

What documentation do customers receive?

Customers receive verified retirement statements confirming renewable fuel usage, fossil CO2 emission reductions, and support for Scope 3 emissions reporting.

Pricing

Maritime Biofuel Insets

TEU Example (Twenty-foot Equivalent Unit)

Shipping destination	Unit (TEU)	Emissions	Inset price	Total cost of reduction	CO ₂ amount reduced
Shanghai – Hamburg (19 958,42 km)	1 container (avg. weight 10 tonnes)	1 ton CO ₂	150 euro/ton CO ₂	150 euro	100%

LCL Example (Less than Container Load)

Shipping destination	Unit (TEU)	Emissions	Inset price	Total cost of reduction	CO ₂ amount reduced
Shanghai – Hamburg (19 958,42 km)	1 shipment (avg. weight 1000 kg)	100 kg CO ₂	150 euro/ton CO ₂	15 euro	100%

SAFc

The baseline price for SAFc, for reducing one (1) tonne of CO₂, is €250.

Why it matters

Transport is a major contributor to global greenhouse gas emissions. By scaling renewable fuel solutions today, Shipping Made Fossil-Free delivers measurable climate impact now while supporting the long-term transition toward fossil-free shipping and aviation.

Get started

Contact Hecksher today to book at emissionreductions@hecksher.com



If you have any questions, don't hesitate to contact Greencarrier Group's Head of Sustainability, Patrik Westræus.

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