

Shipping Made Fossil Free



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

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

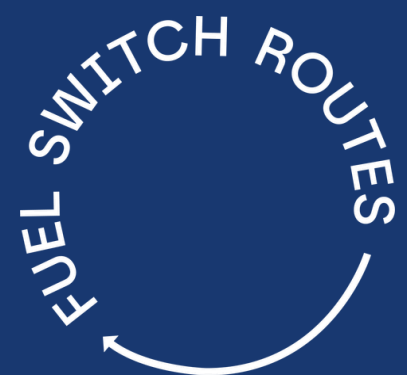
Our Solutions

Maritime Biofuel Insets

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

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. Depending on the chosen amount, fossil CO2 emissions can be reduced by up to 100%, supported by verified documentation.

What fuel is used?

The biofuel is liquefied biogas (LBG) produced from manure. This supports circular resource use while avoiding methane emissions.

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.

How do Fuel Switch Routes work?

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

Do customers need to change their logistics setup?

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

Does fossil-free shipping cost more?

Fuel Switch Routes are included at no additional cost on eligible routes. Maritime Biofuel Insets are priced according to the shipments specific emission profile (i.e. weight, distance). Please see a pricing example below.

Destination	Unit	Emissions	Cost of reduction	CO2 reduced
Shanghai-Hamburg (19 958,42 km)	1 shipment (av. weight 1000kg)	100kg CO2	15 euro	100%

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.

Why it matters

Transport is a major contributor to global greenhouse gas emissions. By scaling renewable fuel solutions today, Maritime Biofuel Insets deliver measurable climate impact now while supporting the long-term transition toward fossil-free shipping and aviation.

Get started

Do you want to make your next booking fossil-free?
Contact us to book at emissionreductions@greencarrier.com.



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

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