



Unlocking carbon markets for the maritime
industry

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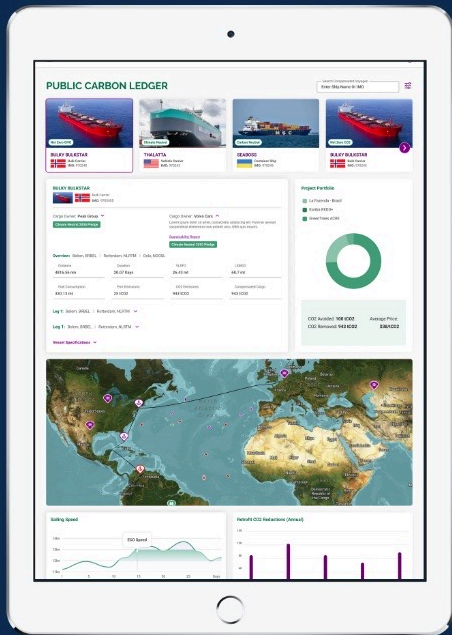
+47 94891870

Date

30th March 2023

Carbon Offset Platform is an **all-in-one solution**

The **only digital carbon marketplace** catering to the maritime industry.



Calculate emissions easily

Estimate historical emissions and predict future voyages

Integrate with existing systems to access actual data on-demand

Compensate carbon effectively

Independent scientists research and rate projects

Transparent pricing and broad market coverage

Demonstrate results ethically

Public carbon ledger shares voyage, vessel and project information

It's **not just** minimizing ESG risk - it's **maximizing ESG results**

Carbon offsets are **an impactful solution** being used today

A carbon offset is a reduction or removal of 1 tonne of emissions to compensate for emissions made elsewhere.

35%

of Forbes 2000
companies already
have Net Zero targets

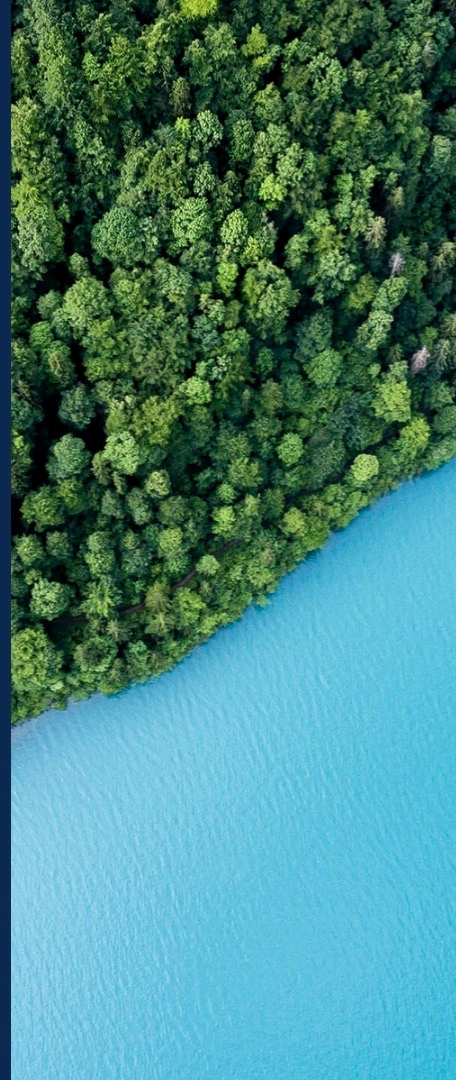
40%

intend to use offsets
to help achieve their
Net Zero pledges

2%

explicitly rule out
the use of offsets

Net Zero Stocktake Report 2022





NET ZERO

Offsetting incorrectly **does more damage to your company** than good for the environment

Better guidance **would unlock billions of corporate dollars** to protect forests and remove emissions.

**Junk Carbon Offsets
Are What Make
These Big Companies
'Carbon Neutral'**

**Korean Oil Firm Faces Greenwashing
Claims Over Carbon-Offset Ads**

- SK's Uruguay project criticized for limited climate benefits
- Global companies come under scrutiny for making misleading ads

Congolese farmers barred from own land for tree planting project by French oil giant Total Energies

"I feel like these people came to kill us on our own land," one of the affected farmers said.

Shipping customers want greener options

82%



are willing to a premium
for carbon-neutral shipping

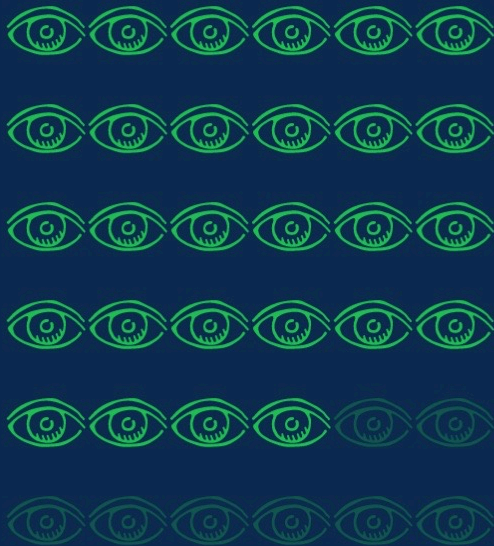
71%



would be more loyal
to a carbon-neutral transport provider

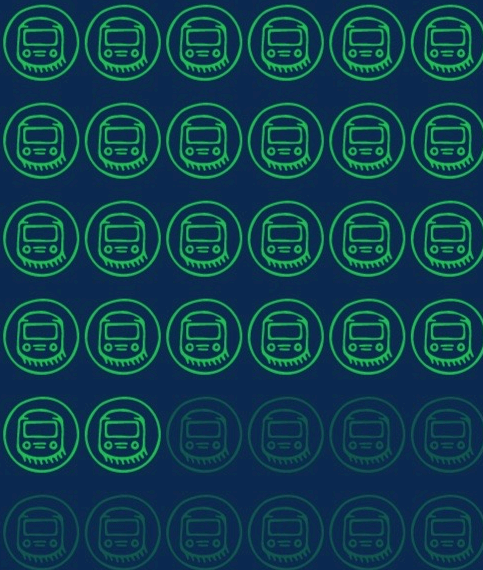
Consumers are aware and willing to change providers

76%



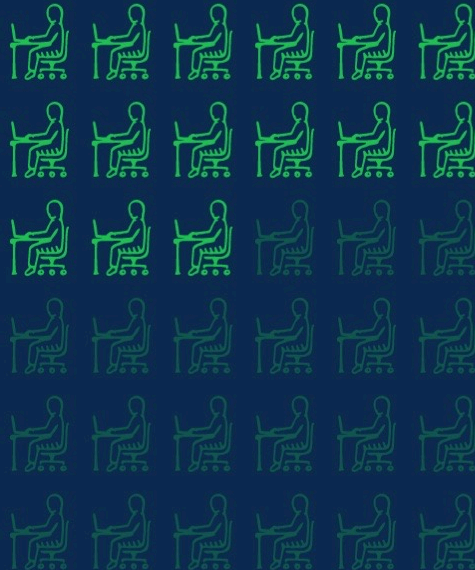
were aware they could offset emissions

70%



were likely to switch train operators if there were offsets

40%



think companies should absorb the cost of emissions

Shipping companies are already offsetting



 **Western Bulk**



HÖEGH AUTOLINERS

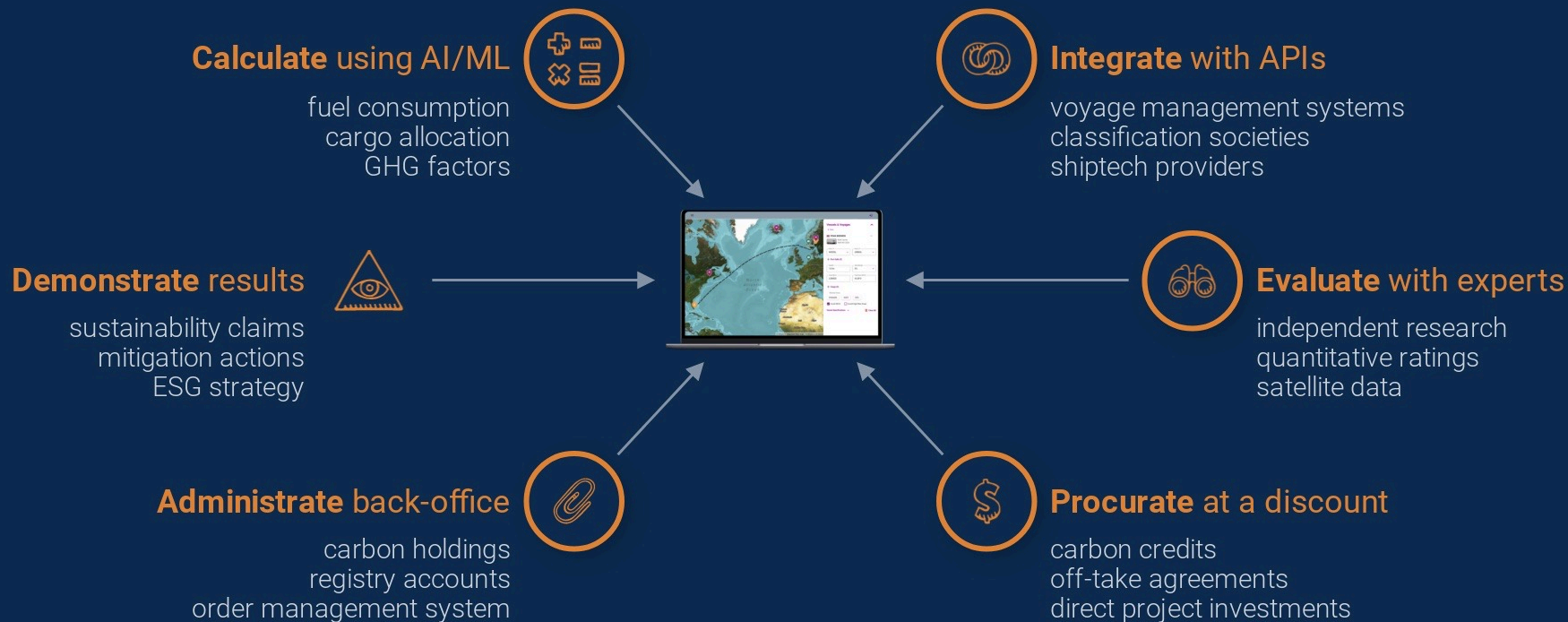




Why aren't you?

Carbon Offset Platform *is your ecosystem*

Bringing together algorithms, client systems and partners, climate data, sellers, registries and the public.



MARINE OFFSET PLATFORM

Ledger
Map
Projects
Voyages
Vessels
Checkout
Orders
Wallet
Settings

Calculation

Calculation Engine: PREDICTION HISTORICAL

Emission Factors: WELL-TO-WAKE TANK-TO-WAKE

Global Warming Potential: Only CO2 GHG 100 yrs GHG 20 yrs

141 tCO2

AER: 17.6

91.2%

PEAK BREMEN
IMO: 9613202
Bulk Carrier
DWT: 3548t

Mohr, ESMOT → Almeria, ESLE → Reobock, DERSK → Goole, GB000

Start Date: 03/03/2022 06:40
End Date: 03/19/2022 09:30

Speed: 10 KN
Sea Margin: 0%

Fuel RECA: LSMGO
Fuel Non RECA: VLSFO

Blocked Areas: PANAMA, SUEZ, KIEL
 Avoid SECA Avoid High Risk Areas

Clear All CALCULATE

Vessels & Voyages

PEAK BREMEN
IMO: 9613202
Bulk Carrier
DWT: 3548t

Mohr, ESMOT → Almeria, ESLE → Reobock, DERSK → Goole, GB000

+ Port Calls (6)
+ Cargo (1) Reference

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Clear All CALCULATE

Manoa REDD+



Manoa is located on 74,038.7 hectares on the outskirts of the Amazon rainforest. The project has performed exceptionally well despite being surrounded by deforestation, frequent threats from invasions, and timber theft.

Nature-based Solutions

Registry: Verita Region: South America
Product Code: Nature Positive Product Code

Rating: 2.12

Mechanism:	Avoidance
Availability:	6000
Verification:	6000
Permanence:	6000
Baseline:	2,508
Post-Performance:	1.67
Secret Performance:	2,408

Rating by: Accutest

+ ADD TO CHECKOUT



Previous Buyers:

Banco BTG Pactual SANTANDER Quito Airport



Ship Owner

Peak Project Carriers AS

Peak Project Carriers AS continuously works for sustainable solutions for their fleet and operations, not only based on legal requirements, but also on their commitment to support the UN sustainable development goals. To create a driving force behind zero emission vessels, owner Peak Group has together with Orisk Edge / Orisk Maritime Group established a joint 50/50 company called Skaryn Shipping Solutions planning to deliver its first zero-emission bulk vessels by 2025.

SUSTAINABILITY REPORT

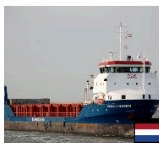
Zero Emission Order Book from 2030

Climate Neutral Fleet from 2030

Voyage Recap

CARBON CERTIFICATE

Jul. 12, 2022



PEAK BREMEN

IMO: 9612533

Bulk Carrier

DWT: 3548t

91.2% AER
17.6

157 tCO2

Start Date: Aug. 03, 2022

End Date: N/A

Reference: VOY1

Motril, ESMOT > Almeria, ESLEI > Kiel, DECKL > Rostock, DERSK > Kiel, DECKL > Goole, GBG00

Overview Voyage Legs

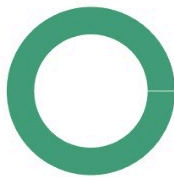
Distance	Duration	LSWGO	VLSPC
2581.21 NM	16.44 Days	49.11 mt	0 mt
Fuel Consumption	Port Emissions	CO2 Emissions	Allocated Cargo CO2e
49.11 mt	0 tCO2	157 tCO2	157 tCO2

3195 mt Windmills
ESMOT → DERSK
147.75 kgCO2/tCargo

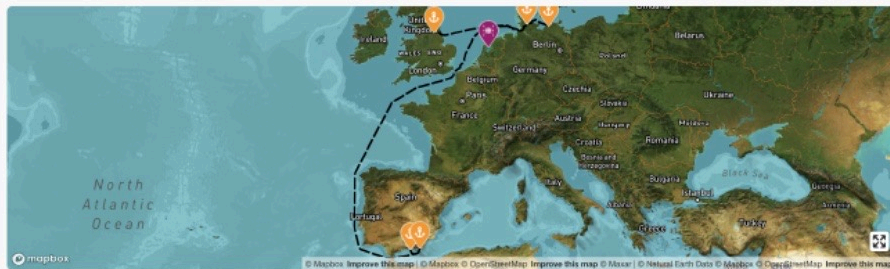
200 mt Aggregates
ESLEI → GBG00
9.25 kgCO2/tCargo

Project Portfolio

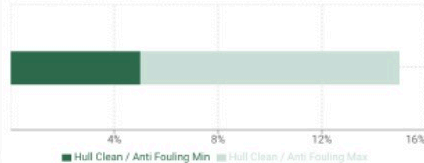
Norwegian Forest Trefadder



Total Quantity: 20 tCO2
Average Price: \$25/mt



CO2 Reduction Measures



Sailing Speed



Voyage Projects



Norwegian Forest Trefadder

Trefadder works with local farms to build climate forests along the coast of Norway. They have developed a methodology and a production system that provides solid documentation, traceability, and security for biological carbon capture. All of their climate forests have an "eternity" perspective and are...

Rating: N/A

Independent Methodology



*Pricing reflects indicative rates



THANK YOU



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