

# Our tried and tested services for sustainable ocean freight.



**Delivering solutions.** 



# On course

# to reduce emissions

Perfectly coordinated transport routes improve efficiency and protect the environment. We have been able to work with many of our customers to reduce emissions considerably in the past. And in the future, climate protection will continue to begin before the actual transport. In our discussions and consultations with customers, we find routes to make transports on the high seas even greener.

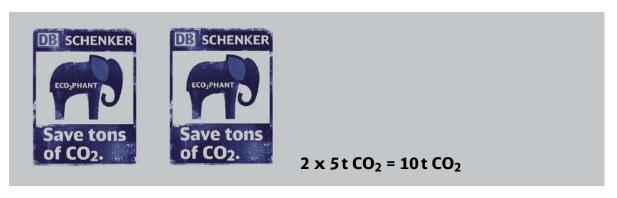
### Using the size advantage to reduce speed

As in rail freight, greenhouse gas emissions per unit transported by ocean freight are low. Therefore, how pre-carriage and onward carriage are organized is especially important, particularly

when these legs are long. Rail and inland vessel transports in the hinterland can reduce emissions by as much as 75 percent compared to truck transport. Savings are especially high on routes longer than 1,000 kilometers when truck emissions catch up to or even exceed emissions from shipping. It is then that overall savings approach the 50 percent mark.

But savings from selecting the right route shouldn't be underestimated either. A shipment to Asia that begins in Hamburg is roughly 20 percent longer than one that begins in Trieste. Shortening the route definitely pays off for transports originating in southern Germany or the Czech Republic.

# Saved CO<sub>2</sub> measured in ECO<sub>2</sub>PHANTS:



Every ECO<sub>2</sub>PHANT stands for five metric tons of CO<sub>2</sub> saved. With Eco OceanLane, a million metric-ton-kilometers save ten metric tons of CO<sub>2</sub> compared with conventional ocean shipping. That is the equivalent of two ECO<sub>2</sub>PHANTS, each representing five metric tons of CO<sub>2</sub>.



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