



THE GREEN WAY »
eco solutions by TFG

**» The Rail is one of the
most environmental friendly
way of transport. »**

Sustainable economic development has become a component of our life. When it comes to „**green logistics**“, TFG Transfracht, as a logistics service company, is setting a good example and counts on rail connections.

Thereby about **80 % carbon footprint** will be cut against road transport. Thus making a sustainable contribution to environmental protection. With **TFGeco train** and **TFGeco truck**, we are pioneers for climate-friendly combined transport.

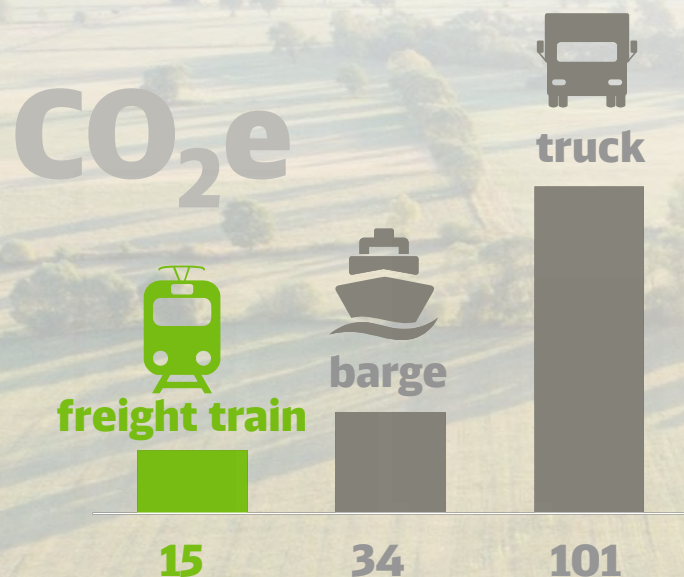


DB Cargo ensures carbon neutrality by using 100% renewable power, hydrotreated vegetable oil (HVO) and / or offsetting, depending on the route and requirements. DB Cargo offsets the indirect and / or remaining emissions through recognized climate protection projects according to VCS + Social Carbon / CCBS or the Gold Standard.

Environmental benefit of rail. »

Rail transport saves **80%**
CO₂e compared to road
transport.

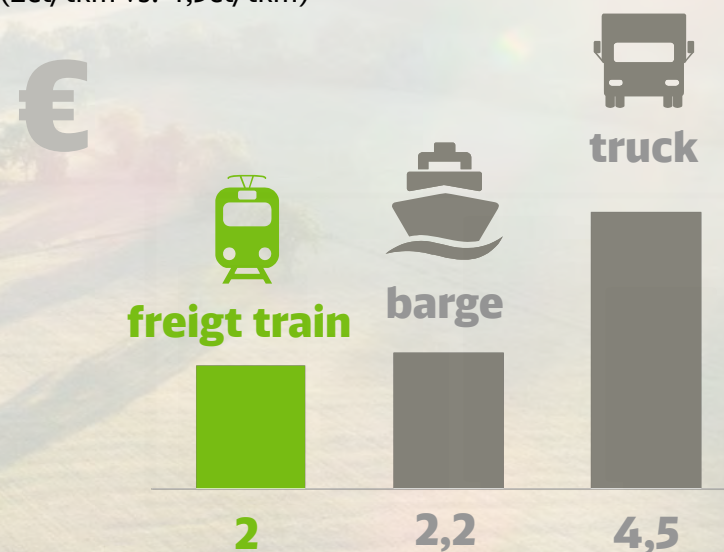
(15g/tkm vs. 101g/tkm)



Deutsche Bahn AG | December 2024 | Greenhouse gas emissions (CO₂e) in grams per tonne and kilometre (tkm) in Germany Source: UBA (TREMOD 6.42)

At the same time, rail
accounts for less than **50%**
of the **external costs**¹ of
road transport.

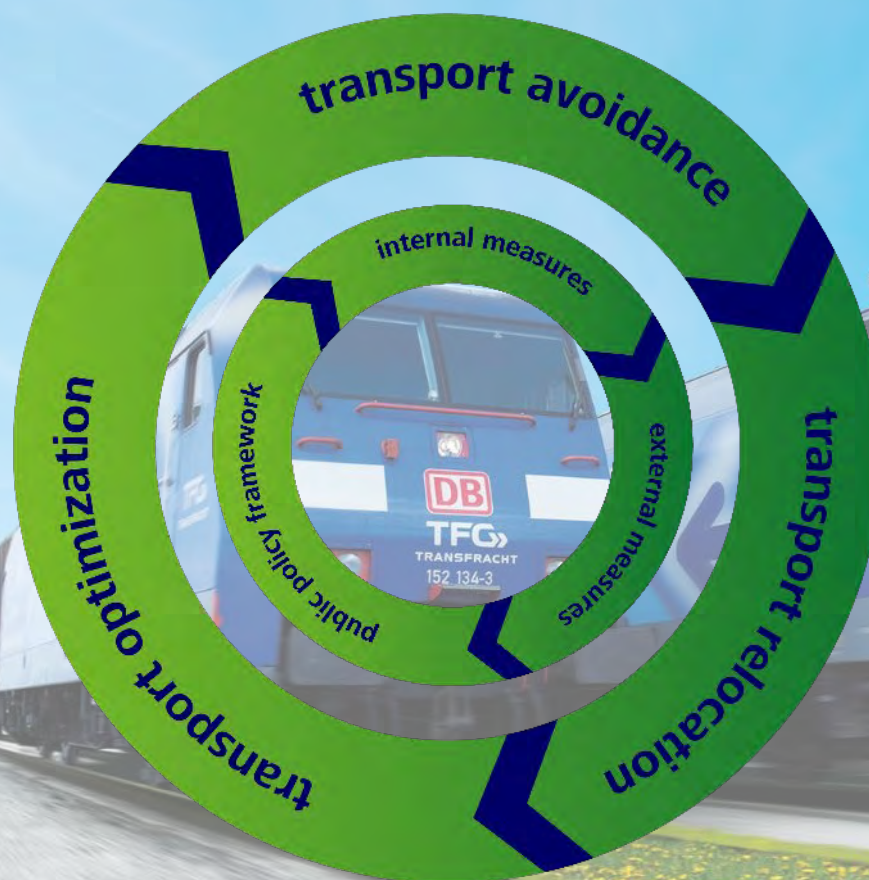
(2ct/tkm vs. 4,5ct/tkm)



¹ External costs in euros per tonne and kilometre (tkm) in Germany = Consequential costs incurred by freight transport but not caused by the modes of transport. It looks at upstream and downstream processes, accidents, noise, nature and landscape, climate, air pollutants

Source: Infra study, Pro-Rail Alliance (Germany, 2019)

For the climate. For the people. For the economy.



Our measures as the core of ecological action.

1 Boosting **TFGeco train** and **TFGeco truck** for sustainable transport chains

2 **Paperless internal processes** (salary, expenses etc.)

3 **Reduction of business trips**, increased use of digital solutions

4 **Paperless train** – replacement of documents with digital solutions

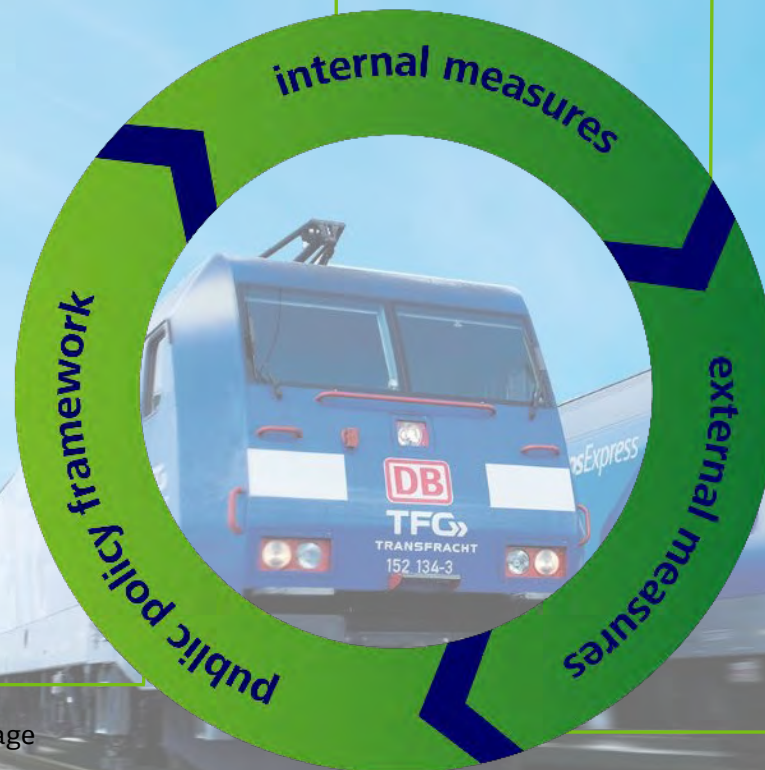
5 **Green electricity** at TFG-locations

6 Continuous implementation of **new TFGreen measures**

1 **Free of road charge** in the pre-/ post carriage

2 **Investments in the development** of railways

3 **Promoting** the modernisation of rail vehicles



1 Visualization of TFGreen on all channels and documents

2 Invoice conversion to **e-invoicing**

3 Use of **sustainable advertising media**

4 Expansion of **ecological projects** (bee sponsoring)

5 Complete conversion to **whisper brakes**

6 Establishment of **Shortland-Feeder**

7 **Driver app** for paperless transport execution

4 **Simplification** of the framework conditions (customs & dangerous goods)

5 **Creating public awareness**

We are constantly
working to further
improve the
**environmental
advantage of rail**

CO₂e-neutral rail transports

Increase the **load**

Development of the **short distance**

Use of low-emission **trucks**

Complete conversion to **whisper brakes**

Promoting the modernisation
of rail vehicles

Green electricity at TFG-locations

Advance **digitalisation**

» Become an eco-improver. »

Environmental advantage of rail. »

Make the **environmental benefit** of your rail freight transports transparent and use it for your company!

TFG Transfracht offers the option of issuing certificates for the CO₂e emissions saved and remaining from transportation by rail compared to alternative transportation by truck.

The CO₂e savings are calculated on the basis of the tonnage per ratio.



» Issuance of certificates on saved and remaining CO₂-emissions on the railway in relation to trucks

» Calculation is based on EcoTransIT World (www.ecotransit.org) complies to DIN EN 14083



**» Place yourself an
environmental pioneer and
make your transport chains
more sustainable. »**

Green Logistics. » eco solutions.

eco train

100 % CO₂e-neutral on the rail

- » 100% CO₂e-neutral by green electricity on electrified routes in Germany
- » 100% CO₂e-neutral through compensation of unavoidable CO₂e-emissions on non-electrified routes or routes outside of Germany
- » Surcharge per TEU
- » Issuance of certificate for CO₂e-neutral transport

eco truck

100 % CO₂e-neutral on the road

- » 100% CO₂e-neutral through compensation of unavoidable CO₂ -emissions on the road
- » Perfect addition to TFGeco *train* for sustainable transports
- » Surcharge per container depending on weight and sales zones
- » Issuance of certificate for CO₂e-neutral transport

With **TFGeco train** CO₂e-neutral on the rail.

We offer you consistently renewable electricity from renewable energy sources for your transport by rail. This allows us to carry your transports completely CO₂e-neutral. Unavoidable CO₂e-emissions on non-electrified routes or abroad are offset to become CO₂e-neutral.

- 》》 100% CO₂e-neutral by eco-power or 100% CO₂e-neutral by compensation
- 》》 For rail freight on all routes emissions
- 》》 Certificate by TÜV (electrified routes in Germany)
- 》》 Yearly certificate for compensated CO₂e-emissions



CO₂e-avoidance with **TFGeco train**

How it works:

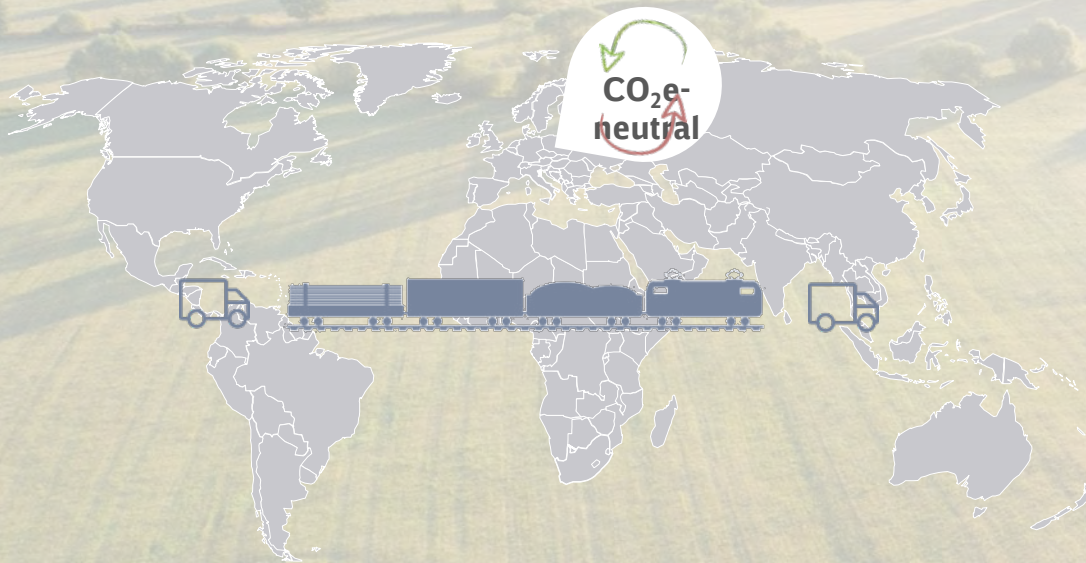
- 1** *For you:* We calculate the specific energy demand and the energy-saving potential
- 2** *For you:* We purchase the required amount of renewable power
- 3** *You for the enviroment:* Transport CO₂e-neutral



DB Cargo ensures carbon neutrality by using 100% renewable power, hydrotreated vegetable oil (HVO) and / or offsetting, depending on the route and requirements. DB Cargo offsets the indirect and / or remaining emissions through recognized climate protection projects according to VCS + Social Carbon / CCBS or the Gold Standard.

With **TFGeco truck** compensates remaining emissions in the pre- and post-carriage

TFGeco truck compensates remaining CO₂e-emissions on the road and is therefore the perfect complement to **TFGeco train**.



- » Pre- & On-Carriages on the road
- » Supplement to **TFGeco train**
- » Certificate for compensated CO₂e-emissions

CO₂e-compensation with TFGeco truck

How it works:

- 1 *For you:* We calculate CO₂e-missions of your transport chain
- 2 *For you:* We purchase climate protection certificates
- 3 *You for the environment:* Transport CO₂e-neutral + improve environmental and living conditions

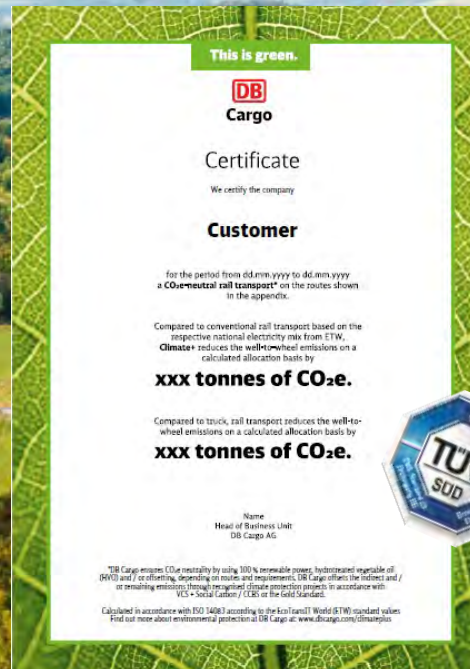
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This is green. » Certificates.

Environmental benefits rail / road



Climate footprint TFGeco train



Climate footprint TFGeco truck + TFGeco train



- » Issuance of certificates on savings in CO₂e-emissions on the railway in relation to trucks
- » Calculation based on EcoTransIT World (ecotransit.org)

- » Certificate of avoidance of the CO₂e-emissions
- » Electrified routes in Germany and Switzerland
- » TÜV-certified (for routes in Germany)
- » Calculation based on EcoTransIT World (ecotransit.org)

- » Certificate of compensation of non-avoidable CO₂e-emissions by promoting sustainable projects (based on Kyoto-Protocol)
- » Non-electrified routes in Germany and abroad
- » Calculation based on EcoTransIT World (ecotransit.org)

With *AlbatrosExpress* products CO₂e-neutral on the rail & on the road

	Basic	Prime	Slot	Block train	Flex train	BOX ² RAIL	Stand-by
Specifics	Container transport in the high-frequency AlbatrosExpress network according to the current timetable and availability	Prioritized and assured container transport according to the current AlbatrosExpress network timetable	Assurance of fixed capacities in the high-frequency AlbatrosExpress network according to the current timetable	Planned and customized whole train performance regardless of the current timetable of the AlbatrosExpress network	Short-term and customised block train transport performance on special train basis independent of the current timetable of the AlbatrosExpress network	Prioritized container transport of small quantities from one container according to the current timetable and availability	Transport of empty containers only within 30 days according to the current timetable and availability
port-to-door v.v. / port-to-terminal v.v.							port-to-depot v.v.
CO ₂ e-neutral with TFGeco train on the rail + CO ₂ e-neutral with TFGeco truck on the road							

Together for climate protection

Please do not hesitate to contact us.

Let us work together to make your transport sustainable and thus protect our environment.

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