



THE GREEN WAY »
eco solutions by TFG



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

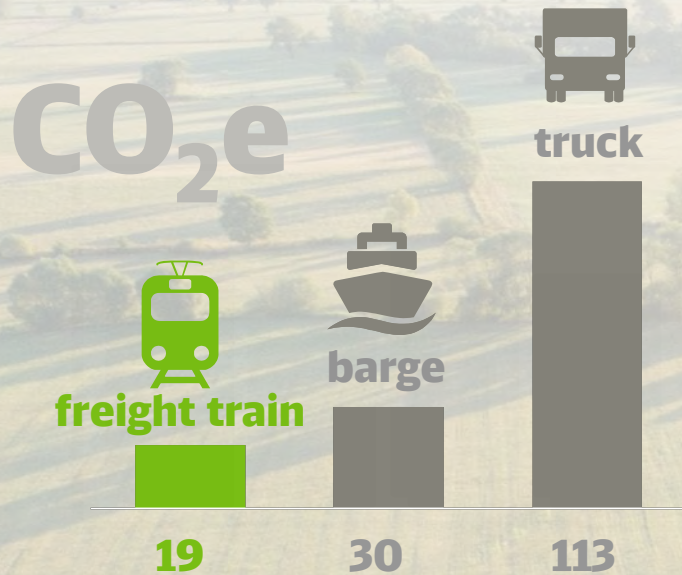
Sustainable economic development has become a component of our life. When it comes to „**green logistics**“, TFG Transfracht, as a logistics service company, is setting a good example and counts on rail connections.

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.



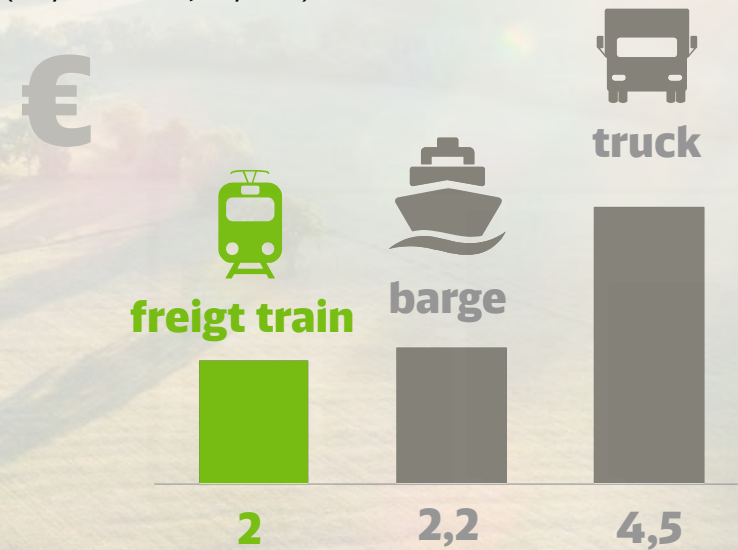
Environmental benefit of rail. »

Rail transport saves **80%** **CO₂** compared to road transport.
(19g/tkm vs. 96g/tkm)



Greenhouse gas emissions (CO₂e) in grams per tonne and kilometre (tkm) in Germany

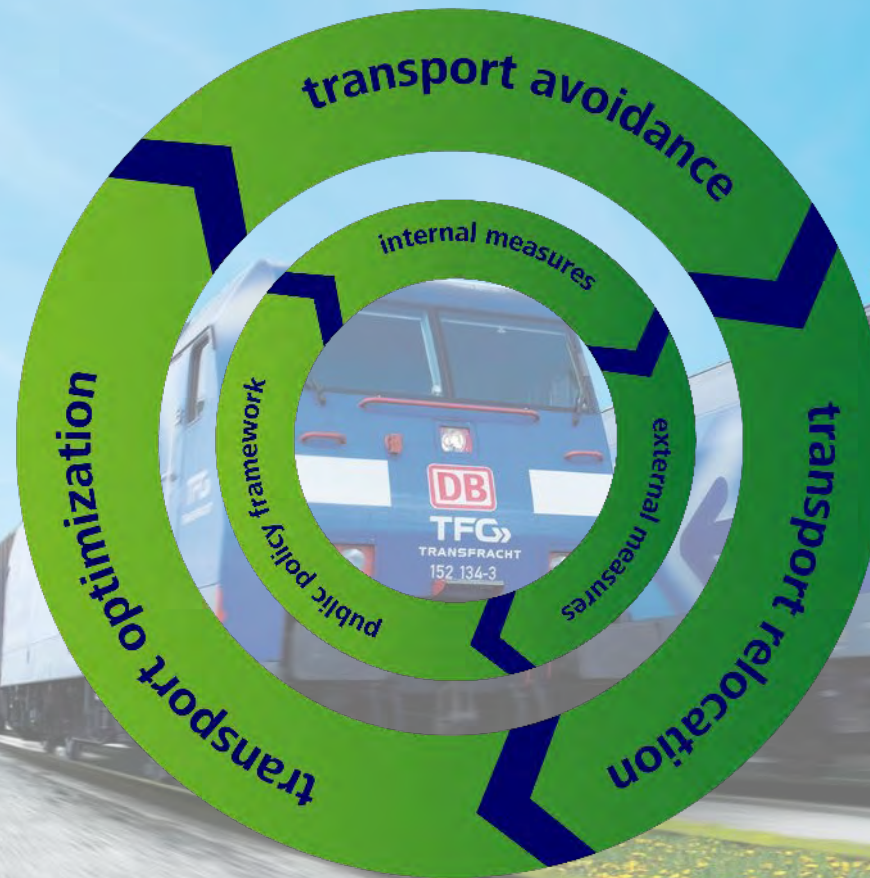
At the same time, rail accounts for less than **50%** of the **external costs¹** of road transport.
(2ct/tkm vs. 4,5ct/tkm)



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 pollution. Betrachtet werden vor- und nachgelagerte Prozesse, Unfälle, Lärm, Natur und Landschaft, Klima, Luftschadstoffe.

Source: Infra stury, Pro-Rail Alliance

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 electricy** 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

internal measures

public policy framework

external measures

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**

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

5 **Public creating**

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

CO₂-free rail transports

Increase the **load**

Development of the **short distance**

Use of low-emission **trucks**

Development of environmental **projects**

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 possibility to save certificates for carbon footprint against road transport.

The CO₂ savings are calculated on the basis of the tonnage per ratio.



» Issuance of certificates on savings in CO₂-emissions on the railway in relation to trucks

» Calculation is based on EcoTransIT World (www.ecotransit.org) complies to DIN EN 16258



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

Green Logistics. » eco solutions.

**eco
train**

**eco
truck**

100 % CO₂-free und CO₂-neutral on the rail

+

100 % CO₂-neutral on the road

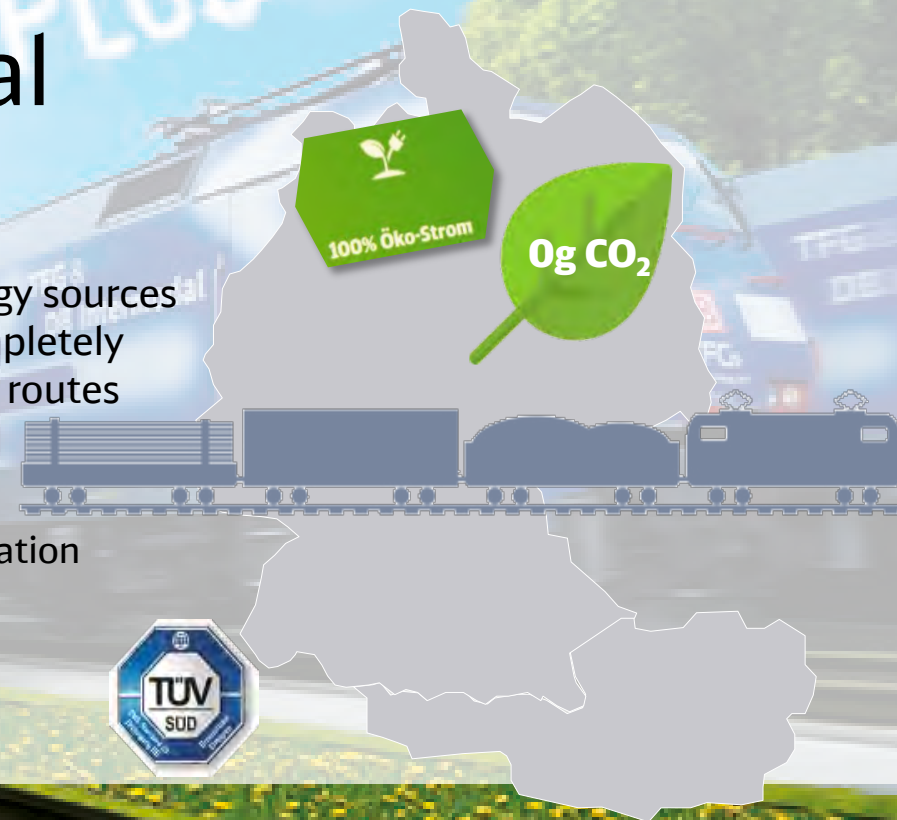
- » 100% CO₂-free by green electricity on electrified routes in Germany
- » 100% CO₂-neutral through compensation of unavoidable CO₂-emissions on non-electrified routes or routes outside of Germany
- » Surcharge per TEU
- » Issuance of certificate for CO₂-free and/or CO₂-neutral transport

- » 100% CO₂-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 CO₂-neutral transport

With **TFGeco train** CO₂-free und CO₂-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 CO₂-free. Non-avoidable CO₂-emissions in the case of non-electrified routes or when travelling abroad, CO₂-neutral by compensating.

- 》》 100% CO₂-free by eco-power or 100% CO₂-neutral by compensation
- 》》 For rail freight on all routes
- 》》 Certificate by TÜV (electrified routes)
- 》》 Yearly certificate about avoidance



CO₂-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 environment: Transport CO₂-free or CO₂-neutral & promote plans for renewable energy



With **TFGeco truck**

compensate for unavoidable emissions in the pre- and post-carriage

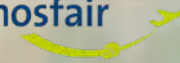
TFGeco truck compensates for unavoidable CO₂-emissions on the road and is therefore the perfect complement to **TFGeco train**. In addition to offset emissions, you also promote sustainable projects that promote the expansion of renewable energies and reduce CO₂-emissions. The projects are based on the international agreements under the Kyoto Protocol on Climate Change.



- » Compensation of CO₂-emissions by purchase of climate certificates
- » Worldwide and also available at non-electrified routes
- » Pre- & On-Carriages at road
- » Supplement to **TFGeco train**
- » Certificate about avoidance

CO₂-compensation with TFGeco *truck*

nachdenken • klimabewusst reisen

atmosfair 

How it works:

- 1** *For you:* We calculate CO₂-emissions of your transport chain
- 2** *For you:* We purchase climate protection certificates
- 3** *You for the environment:* Transport CO₂-neutral + promote sustainable development in project region

This is green. » Certificates.

Environmental benefits rail / road



Climate footprint TFGeco train



Climate footprint TFGeco truck + TFGeco train



- » Issuance of certificates on savings in CO₂-emissions on the railway in relation to trucks
- » Calculation is based on EcoTransIT World (ecotransit.org)

- » Certificate of avoidance of the CO₂-emissions
- » Elektrified routes in Germany, Basel und Salzburg
- » TÜV-certified

- » Certificate of compensation of non-avoidable CO₂-emissions by promoting sustainable projects (based on Kyoto-Protocol)
- » Non-electrified routes in Germany and abroad

With *AlbatrosExpress* products CO₂-free and CO₂-neutral on the rail & CO₂-neutral 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	Prioritised 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 14 days according to the current timetable and availability

port-to-door v.v. / port-to-terminal v.v.

port-to-depot v.v.

CO₂-free and CO₂-neutral with **TFGeco train** on the rail + CO₂-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.

TFG Transfracht GmbH

Rheinstraße 2
D-55116 Mainz

Telephone : +49 6131 15-63050

Fax: +49 6131 15-63550

www.transfracht.com

kontakt@transfracht.com

Photo source : TFG Transfracht, DB

January 2024

Directors :

Frank Erschkat (speaker), Thomas Hesse

The contents of this presentation are all the intellectual property of TFG. Any further use or distribution to third parties as an original, copy, electronic extract or duplicate content presentation requires the prior written agreement of TFG Transfracht GmbH.