



**This is green.**

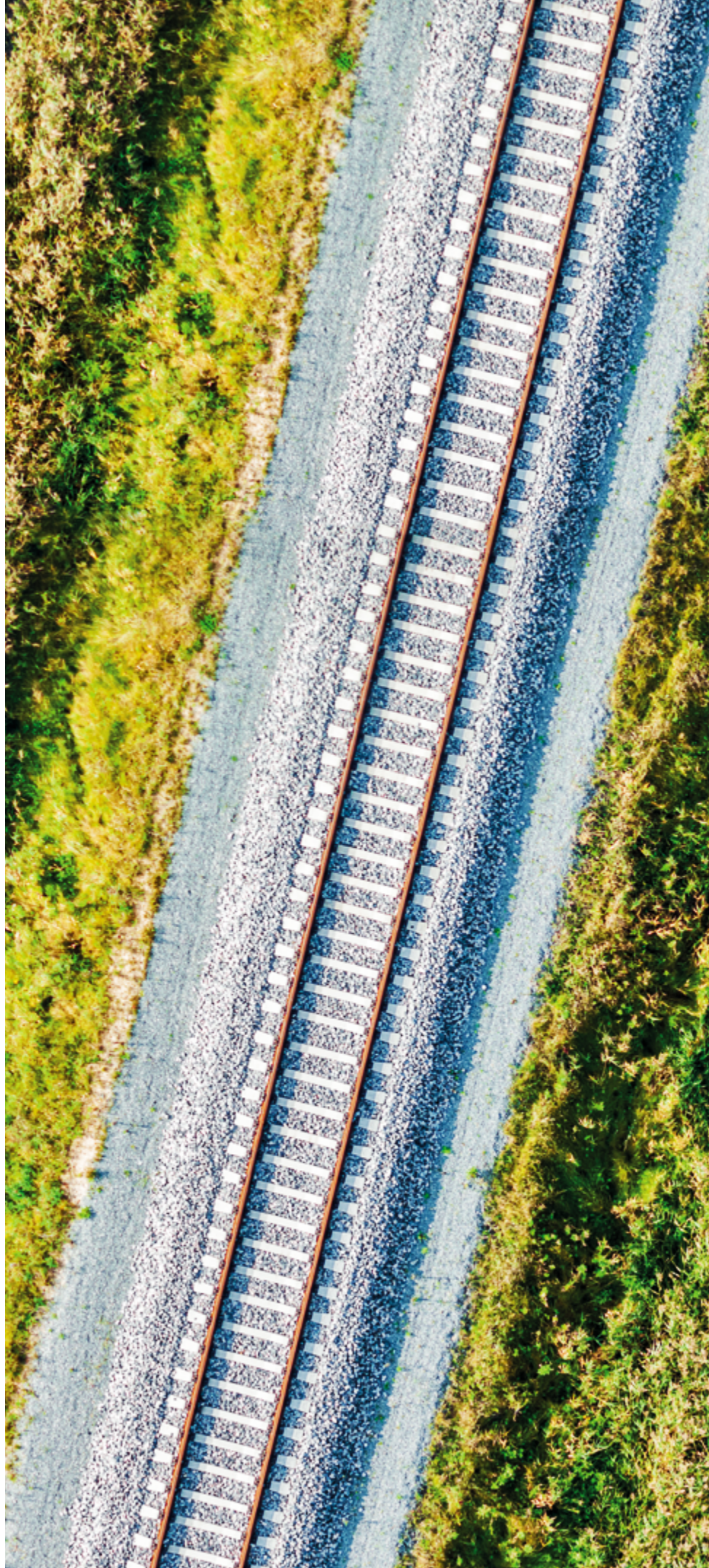
**Rail freight transport at  
DB Cargo**



Climate and environmental protection are amongst the greatest challenges of our times. And it also applies to us in the transport and logistics sector: around a quarter of the greenhouse gas carbon dioxide in Europe is caused by traffic. Transport noise negatively impacts the environment and health. Unsustainable transport concepts endanger our prosperity. At the same time, however, logistics is a key driver of our economy. So we in trade and industry have a particular obligation to design transport concepts that are sustainable and environmentally friendly. The first step here involves using modes of transport sensibly and efficiently. To reach the climate goals set by the European Union we need a strong rail.

### The green solution of choice: rail freight transport

Did you know that rail is one of the safest and most eco-friendly means of transport? A freight train consumes as little as a third of the energy required by a truck and saves more than 80% of the carbon dioxide emissions. This means that rail transport provides a basis for reducing CO<sub>2</sub> by means of a modal shift. But this is still not eco-friendly enough for us. And that is why we have set ourselves the target of reducing specific final energy consumption at DB Cargo by 29.8% compared to 2006 levels between now and 2030, thus even further reducing the carbon footprint of rail transport.





### How do we do this?

We achieve this, for example, by training our drivers in energy-efficient driving. Our driver assistance system LEADER (Locomotive Engineer Assist Display and Event Recorder) gives them additional on-board support, with recommendations on speeds depending on timetable and route profile. Moreover, we are constantly modernising our fleet: we are promoting the use of low-pollutant hybrid vehicles. We are reducing traffic noise by fitting all our freight wagons in Germany with „whisper brakes“ by 2020, for example. At the end of 2019, more than 90% of our wagon fleet had already been converted.

### Still not green enough for you?

For this we also have a solution: our Eco Solutions offer an even more eco-friendly way to transport your goods. You can choose between **CO<sub>2</sub>-free** and **CO<sub>2</sub>-neutral** transport. This makes us at DB Cargo your reliable partner when it comes to sustainable and eco-friendly transport.

### With us you protect the environment

Simply drop us a line. Let us join forces to make your transport sustainable and protect our environment. For us, being green is not just some kind of act. It is a mindset that shapes all of our actions. This is what “**This is green**” stands for – with our environmental strategy and over 150 eco-friendly measures:  
<https://gruen.deutschebahn.com/en>





# DBeco plus –

transport your goods  
CO<sub>2</sub>-free by rail



# DBeco plus – make your transport CO<sub>2</sub>-free



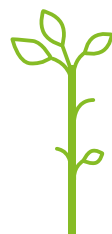
## Calculate energy requirements and make emissions transparent

You want to use eco-friendly rail transport to play your part in protecting the climate while avoiding CO<sub>2</sub> emissions at source? Now you can: **DBeco plus\*** enables you to transport your goods on electrified routes in Germany, Austria and the Netherlands with zero CO<sub>2</sub> emissions. How does it work? We determine the specific energy demand for your transport with the help of the independent EcoTransIt World calculation tool by IVE mbH. On this basis, we create a sustainable transport concept for you, showing the emissions that can be avoided by using rail transport.



## Sourcing and feeding in renewable power

Once you accept our tailored offer, we purchase the required amount of renewable power from our energy supplier. We source this power exclusively from renewable energy sources. At present, it is generated mainly in hydroelectric plants. The purely renewable power fed in for your **DBeco plus** transport replaces the corresponding amount provided by the classic traction power mix.



## Act sustainably and protect the climate

By choosing **DBeco plus**, you protect the climate in two ways: your transport avoids climate-damaging CO<sub>2</sub>. Furthermore, we use 10% of the revenue from **DBeco plus** to fund systems for generating or storing renewable power.



## Certification of your climate footprint

With **DBeco plus**, we offer you total transparency: The technical inspection association TÜV SÜD monitors the entire procedure, from calculating emissions through to feeding the renewable power into the rail network. We confirm your CO<sub>2</sub> savings as a **DBeco plus** customer with a TÜV certificate. These savings can then be taken into account in your carbon footprint.



\* Upstream emissions are additionally compensated.





**DBeco neutral –  
compensate your CO<sub>2</sub>-emissions**



# DBeco neutral – make your transport CO<sub>2</sub>-neutral



## Plan transport and calculate compensation potential

You want to transport your goods in a sustainable and eco-friendly way? Are the environmental benefits of rail not enough for you? Then we have a solution: with **DBeco neutral**, we compensate unavoidable CO<sub>2</sub> emissions arising from your transport – for example, due to pre-carriage and onward carriage by truck – throughout Europe and on all routes. This means **DBeco neutral** ideally complements our CO<sub>2</sub>-free product **DBeco plus**. So how does it work? The solution builds on a precise analysis of your transport: with the help of the independent EcoTransIT World tool by IVE mbH, we can calculate the CO<sub>2</sub> emissions of your transport chain, in accordance with the route and goods involved. Then we present you a tailored offer, including information on your CO<sub>2</sub> compensation potential.



## Compensate emissions through climate-protection projects

As a **DBeco neutral** customer, you decide the extent to which you compensate your CO<sub>2</sub> emissions. In cooperation with the respected atmosfair organisation, we invest on your behalf in selected sustainable projects worldwide in line with your compensation requirements. These projects promote the growth of renewable energy, thus helping to reduce CO<sub>2</sub> emissions. Furthermore, you also improve sustainable development in the project regions, thanks to technology transfer and the establishment of local economic structures.



## Promote climate protection and improve environmental conditions

With **DBeco neutral**, you actively support environmental protection in two ways. First, you make your transport CO<sub>2</sub>-neutral and therefore eco-friendly. And in addition, as a **DBeco neutral** customer, you actively promote global climate protection and improvements to the local environment and living conditions in the project regions.



## Receive transparent environmental certification

The projects are based on the international agreements of the Kyoto Protocol and are in line with the most stringent current standard for climate-protection projects, CDM Gold. Together with our partner atmosfair we guarantee that all compensation projects meet this standard and are monitored by specially trained inspectors. As a **DBeco neutral** customer, you receive certification of the level of the CO<sub>2</sub> emissions we have jointly compensated.

\* With **DBeco plus**, upstream emissions are additionally compensated.



## Acknowledgements

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