



This is green.



This is green.

Fully charged.
Full Power.
Battery trains.

no. 45

Deutsche Bahn aims to be climate neutral by 2040 and reduce its greenhouse gas emissions across the entire value chain to net zero. To achieve this, DB is working on innovative solutions for alternative drives to phase out diesel operations. One example is the use of modern battery trains.

Full power without overhead lines

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Charging islands in Schleswig-Holstein

In Schleswig-Holstein, DB InfraGO and DB Energie, commissioned by the state, have completed the supply infrastructure for the world's first large-scale network of battery trains in regional rail transport. On around 450 kilometers of track, diesel trains have been replaced by climate-friendly battery multiple units. The charging infrastructure includes short extensions of existing overhead lines in two sections, electrification of platform lines, and – for the first time – the installation of overhead line islands at three stations. Further facilities are planned in North Rhine-Westphalia and Rhineland-Palatinate.



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Battery train fleet Replacing diesel units

Starting in spring 2026, DB Regio will deploy a fleet of battery trains for the first time in regular service on the rail network in the Palatinate region.

Thanks to the accumulators and the use of renewable power, several million liters of fuel can be saved annually compared with the current diesel trains in the western and southern Palatinate. And from December 2028, battery-powered FLIRT Akku trains will also be used on the Thuringian rail network.

More topics



Measure 124

Fuel cells for emergencies



Measure 29

TRAXX locomotives drive

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