

Joint press release

from **Siemens Mobility GmbH** and  
**Regiobahn Fahrbetriebsgesellschaft mbH**

Munich, 2<sup>nd</sup> December 2024

## First battery trains for North Rhine-Westphalia enter service in 2026

- **Smart Train Lease to deliver three battery-powered Mireo Plus B trains from Siemens Mobility to Regiobahn Fahrbetriebsgesellschaft mbH in record time**
- **First battery trains for North Rhine-Westphalia**
- **The emission-free trains will operate as the RE 47 Düssel-Wupper Express on the Düsseldorf Hbf – Remscheid-Lennep route**

Beginning in the summer of 2026, three Mireo Plus B battery trains will bring emission-free mobility of the future for the operator Regiobahn on its RE 47 route over a period of 5.5 years. On this route, the trains will pass over Germany's highest railway bridge. The battery trains will be made available to Regiobahn by Smart Train Lease in record time and will replace outdated diesel trains. This switch will save over 2,500 tons of CO<sub>2</sub> per year, making a significant contribution to combating climate change.

**Sascha M. Zuk, CEO of Regiobahn Fahrbetriebsgesellschaft:** "The new trains will enable us to again offer our customers a continuous train connection between Remscheid and Düsseldorf beginning in the summer of 2026 – this time with state-of-the-art, environmentally friendly trains. By deploying the first battery-powered

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trains in North Rhine-Westphalia, Regiobahn will be building on its previous successes and again presenting itself as a reliable and innovative company.”

"We are delighted to be able to offer Regiobahn these environmentally friendly and modern Mireo Plus B battery trains at short notice. Our aim is to make train rentals as easy and uncomplicated as car rentals, and thus make our contribution to accelerating the mobility transition," commented **Benjamin Dobernecker, CEO of Smart Train Lease GmbH**.

### **The new trains**

The two-car battery-powered trains have a range of up to 120 kilometers and can reach a top speed of 140 km/h in both overhead line and battery operation. They offer a total of 122 seats, spacious multi-purpose areas, modern passenger information systems, and a separate first-class section with eight seats. Passenger comfort and convenience is enhanced by WLAN service, barrier-free boarding, and very quiet operation. A well-thought-out design with a wide connection between the cars ensures a high subjective feeling of safety for passengers. Numerous sockets and USB charging ports enable passengers to keep their devices fully charged during the journey. The trains feature a special high-frequency window glass solution developed by Siemens Mobility that significantly improves mobile phone reception in trains. The trains will be serviced by Siemens in Dortmund.

### **Accessibility**

The Mireo Plus B trains will have a 76 cm entry height to ensure easy platform accessibility along the route. The trains will also be equipped with a barrier-free toilet.

### **Energy savings**

The Mireo Plus B makes optimal use of the existing infrastructure and enables its batteries to be charged while running and when stationary. No additional charging infrastructure needs to be installed for the Düssel-Wupper Express. Thanks to its silicon carbide (SiC) technology, the train's energy consumption is extremely low, ensuring high energy efficiency and reduced operating costs.

The trains will operate on the RE 47 route beginning in the summer of 2026.

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This press release and additional material can be found at: <https://sie.ag/5MT5a8>

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For further information about Siemens Mobility GmbH, please see:

[www.siemens.com/mobility](http://www.siemens.com/mobility)

**Siemens Mobility** is a separately managed company of Siemens AG. As a leader in intelligent transport solutions for more than 175 years, Siemens Mobility is constantly innovating its portfolio. Its core areas include rolling stock, rail automation and electrification, a comprehensive software portfolio, turnkey systems as well as related services. With digital products and solutions, Siemens Mobility is enabling mobility operators worldwide to make infrastructure intelligent, increase value sustainably over the entire lifecycle, enhance passenger experience and guarantee availability. In fiscal year 2024, which ended on September 30, 2024, Siemens Mobility posted revenue of €11.4 billion and employed around 41,900 people worldwide. Further information is available at: [www.siemens.com/mobility](http://www.siemens.com/mobility)