SIEMENS

Press

Siemens Mobility GmbH

Munich, 26th May 2025

Indian Prime Minister Shri. Narendra Modi flags off the first of the new D9 – 9000 HP electric locomotives

- **One of the most powerful freight locomotives in the world**
- **Approximately 90% of the technologies in the locomotives are made in India**
- **800 million tons of CO2 emissions to be saved over lifecycle**

Hon'ble Prime Minister of India, Shri. Narendra Modi, flagged off the first of the new D9 – 9000 HP electric locomotives at Indian Railways' factory in Dahod, Gujarat. Following the award to Siemens Mobility for the design, engineering, manufacturing and maintenance of 1,200 9000 HP electric locomotives, Siemens' factories in Nashik, Aurangabad and Mumbai have been manufacturing critical components of the project, with final assembly at the Indian Railways' factory in Dahod. The state-of-the-art Dahod facility, constructed in record time of under two years, incorporates cutting-edge features including Virtual Reality-based safety training, a locomotive simulator and loco-shunters for efficient carriage movement.

"Prime Minister Modi's visit marks a proud milestone in our journey to deliver 1,200 high-performance electric locomotives for India. After two years of intense planning, engineering, and international collaboration, we are now entering full production mode - with our teams in Nashik, Aurangabad, Mumbai, and Dahod making this vision a reality," said **Michael Peter, CEO of Siemens Mobility**. "The D9 is a symbol of sustainable progress and will increase the share of freight transported by rail in one of the largest freight markets in the world. The locomotives have the potential to replace up to 800,000 trucks and save over 800 million tons of CO_2

Siemens Mobility GmbH
Communications
Head: Sven Pusswald

Otto-Hahn-Ring 6
81739 Munich
Germany

Reference number: HQMOPR202505237168EN

emissions over its lifecycle. Together with Indian Rail, we are setting new standards in rail efficiency and environmental sustainability."

Each of the 1,200 9000-horsepower locomotives has a maximum speed of 120 km/h. The locomotives, which have a haulage capacity of 5,800 tons, are designed to transport freight efficiently across India's vast rail network.

Siemens will also perform the maintenance for the entire lifespan of 35 years for these locomotives. The locomotives are equipped with Siemens' Railigent X platform for predictive maintenance, ensuring highest availability and performance. The advanced digital tracking systems, the Kavach safety system, and green propulsion technology, make these locomotives a beacon of modern rail transport.

This press release as well as press pictures are available at https://sie.ag/6sPhG3

Contact for journalists:
Silke Thomson-Pottebohm
Phone: +49 174 306 3307
E-mail: silke.thomson-pottebohm@siemens.com

Claas Belling
Phone: +49 173 690 1586;
E-mail: claas.belling@siemens.com

Follow us at www.twitter.com/siemens_press

For further information about Siemens Mobility, please see:
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