

Alstom delivers the 500th electric locomotive for Indian Railways from its Madhepura site

- **A successful project milestone with the 500th electric locomotive supplied to Indian Railways**
- **A contract for a total of 800 high-powered double-section Prima T8 locomotives of 12,000 HP (9 MW) for freight service**
- **Locomotives delivered from Alstom's Madhepura manufacturing site in Bihar**

25 March 2025 – Alstom, a global leader in smart and sustainable mobility, has successfully delivered 500 electric locomotives to Indian Railways. This milestone underscores Alstom's commitment to supporting the modernisation of India's rail infrastructure and its contribution to the nation's ambitious freight transportation goals.

The 500th fully India-made Prima T8 WAG12B e-locomotive was flagged off from Alstom's world-class manufacturing facility in Madhepura, Bihar, in the presence of key dignitaries from Indian Railways Mr. Manish Kumar, Chief Administrative Officer and senior officials from Alstom at an event marking this project milestone.

As part of its contract worth €3.5 billion, Alstom is supplying 800 high-powered double-section Prima T8 locomotives of 12,000 HP (9 MW) for freight service. Designated by Indian Railways as WAG-12B, these locomotives are capable of hauling ~6,000 tonne rakes at a top speed of 120 kph. To ensure high availability of India's most advanced freight locomotives and reduce maintenance cost, Alstom has also built two ultramodern state-of-the-art maintenance depots at Saharanpur and Nagpur, using predictive technologies.

Commenting on the milestone, Olivier Loison, Managing Director, Alstom India, said, "Our WAG 12B electric locomotives powered by cutting-edge technology are fully manufactured in India and provide enhanced speed, efficiency, and reliability of freight haulage across the country. The delivery of our 500th e-loco underscores our commitment to modernise India's railway infrastructure especially for freight, thereby driving economic growth."

The WAG-12B locomotives are being built at one of India's largest integrated greenfield manufacturing facilities at Madhepura (Bihar), under a Joint Venture between Alstom and Indian Railways. This is the largest Foreign Direct Investment project in the Indian railway sector. The facility has an installed production capacity of 120 locomotives per annum and Alstom has progressively achieved near 90% localisation.

This project is a prime example of the 'Make in India' initiative, with more than 85 per cent of the components sourced locally, reinforcing India's local manufacturing capabilities. The project has placed India among an elite group of nations capable of producing high-horsepower locomotives domestically

while fostering technological expertise within the country. Some of the key commodities moved over more than 120 million kilometres by these e-locos include - coal, cement, food grains, fertilisers, petrochemical products, minerals, and posts/ parcels, across entire geographical boundaries of the nation.

Equipped with Insulated Gate Bipolar Transistors (IGBT) based propulsion technology, these e-Locos have considerable savings in energy consumption with the use of regenerative braking. The technology is also helpful towards making the acceleration process more efficient by reducing the heat generation and traction noise. Additionally, it will not only bring down operational costs, but also reduce the congestion faced by Indian Railways.

Alstom has been associated with India's progress for over 100 years. As the leading multinational sustainable mobility provider in India, Alstom offers a comprehensive portfolio of offerings to meet customer specific needs, from cost-efficient mass-market platforms to high-end technological innovations. Synonymous with the country's 'Rail Revolution', Alstom continues to be a strategic partner in supporting India's freight revolution and passenger movement.

ALSTOM™ and Prima T8™ are protected trademarks of the Alstom Group.

**About
Alstom**

Alstom commits to contribute to a low carbon future by developing and promoting innovative and sustainable transportation solutions that people enjoy riding. From high-speed trains, metros, monorails, trams, to turnkey systems, services, infrastructure, signalling and digital mobility, Alstom offers its diverse customers the broadest portfolio in the industry. With its presence in 64 countries and a talent base of over 84,700 people from 184 nationalities, the company focuses its design, innovation, and project management skills to where mobility solutions are needed most. Listed in France, Alstom generated revenues of €17.6 billion for the fiscal year ending on 31 March 2024. For more information, please visit www.alstom.com.

**About
Alstom in
India**

Alstom is the only multinational sustainable mobility provider in India, to have a comprehensive portfolio of offerings to meet customer specific needs, from cost-efficient mass-market platforms to high-end technological innovations. Synonymous with the country's 'Rail Revolution', Alstom continues to be a strategic partner in supporting India's freight revolution and passenger movement. With 6 industrial sites and 4 major engineering centres, the company not only caters to domestic project needs, but also delivers for many international projects. Supporting the government's modernization initiatives, Alstom has been at the forefront of introducing several breakthrough technologies in India with world class rolling stock, rail equipment & infrastructure, signalling and services. Fully aligned with the country's vision of Make-in-India and Atmanirbhar Bharat, Alstom remains deeply committed to strengthening its local sourcing and supply chain ecosystem.

Contacts

Press:

Press (HQ):

Stéphane SAVIGNARD
stephane.savignard@alstomgroup.com
[+33 763004876](tel:+33763004876)

Press (India)

Ankita UPADHYAY
ankita.upadhyay@alstomgroup.com
[+91 88269 46333](tel:+918826946333)

