

## Alstom delivers the 100<sup>th</sup> electric locomotive of 12,000 HP to Indian Railways

Built in one of India's largest integrated greenfield manufacturing facilities, these are the nation's most powerful Made-in-India Electric Locomotives



**30 April 2021** – Alstom, India's biggest multinational sustainable mobility provider with a comprehensive portfolio of offerings, has successfully manufactured and delivered the 100<sup>th</sup> electric locomotive to Indian Railways. As part of the contract worth €3.5 billion won in 2015, the company will be supplying 800 fully electric high-powered double-section locomotives of 12,000 HP (9 MW) for freight service, capable of hauling ~6,000 tonnes at a top speed of 120 km/hr. This is the largest Foreign Direct Investment project in the Indian Railway sector.

In the financial year 2020-2021, Indian Railways recorded a freight loading of 1,232 million tonnes, which was 2% higher than the previous fiscal. Introduction of faster trains has helped increase the average speed of transportation by 83% leading to a shorter turnaround time and has supported the movement of essential goods during COVID-19 times \*\*.

With the first Prima T8<sup>TM</sup> WAG-12B inducted for commercial service in May 2020, these locomotives are transforming the heavy freight transportation landscape of India. Deployed for operations on major freight routes, including Dedicated Freight Corridors, the Prima T8<sup>TM</sup> WAG-12B e-Locos have already clocked over close to 5 million kilometres hauling a wide range of commodities. These locomotives also made the inaugural run on the first fully operational sections of the Dedicated Freight Corridors, in December 2020. Some of the key commodities moved by these e-Locos include - coal, cement, food grains, fertilisers, petrochemical products, minerals, and posts/ parcels, across 17 States & 2 Union Territories.

### KEY FIGURES

**€3.5 Bn** Total order value

**100** Electric locomotives delivered

**5 M** kms covered on Indian railway network

**120 km/hr** Max speed, first freight e-LoCo to be certified in India to run at this speed

Speaking on this milestone, Alain Spohr, Managing Director - Alstom India said, "I'm pleased to mention that despite challenges posed by COVID-19, we have been able to successfully manufacture and deliver 100 e-Locos to the Indian Railways in less than a year. Due to the intricacy of the project, it is really an honour to work on a first-of-its-kind 'Make in India' project that resulted in a technology breakthrough for the nation. Our successful collaboration with Indian Railways is paving the way for bringing advanced innovation and technology to the Country. Alstom is committed to delivering safe,

reliable, and efficient solutions for IR's revolutionary journey towards becoming the world's first 100% green railways".

The Prima T8™ WAG-12B e-Locos are built at one of India's largest integrated greenfield manufacturing facilities at Madhepura (Bihar). Spread across 250 acres, this industrial site is built to international standards of safety and quality. The site has installed production capacity of 120 locomotives per annum and Alstom has progressively achieved over 85% indigenization. With these powerful e-Locos being manufactured within the country, India has become the 6th in the world to join the club of countries producing high horsepower locomotives indigenously.

The project also includes setting up of two ultramodern maintenance depots in Saharanpur (Uttar Pradesh) and Nagpur (Maharashtra). These depots are equipped with the latest technologies and features to anticipate breakdowns thereby enabling proactive maintenance of India's most advanced freight locomotives at significantly lower costs. The depot in Saharanpur is currently operational and houses a 'Training Centre' equipped with a loco simulator and smart classrooms for skill development of railway employees and loco pilots. Till date, more than 500 loco pilots from Indian Railways have been trained and going forward, an additional 500 will be trained annually. The Nagpur depot will be functional next year.

\*\* Data pointers taken from the official Press Information Bureau website.

Alstom™ and Prima T8™ WAG-12B are protected trademarks of the Alstom Group

## About Alstom

Leading societies to a low carbon future, Alstom develops and markets mobility solutions that provide the sustainable foundations for the future of transportation. Alstom's products portfolio ranges from high-speed trains, metros, monorail, trams and e-buses to integrated systems, customised services, infrastructure, signalling and digital mobility solutions. With Bombardier Transportation joining Alstom on January 29, 2021, the new Group's combined revenue amounted to €15.7 billion for the 12-month period ended March 31, 2020\*. Headquartered in France, Alstom is now present in 70 countries and employs 75,000 people. [www.alstom.com](http://www.alstom.com)

\*unaudited proforma

## 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 2 major engineering centers, 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:

Shilpashree MUNISWAMAPPA

[Shilpashree.muniswamappa@alstomgroup.com](mailto:Shilpashree.muniswamappa@alstomgroup.com)