

Alstom delivers the first driverless trainset for Chennai Metro Phase II

- **Manufactured at Alstom's Sri City facility, 108 driverless Metropolis cars are part of the 'Make in India' and 'Atmanirbhar Bharat' initiatives**
- **These metro trains will ensure safe and reliable passenger transport for over 11 million citizens of Chennai**

16 October 2024 – Alstom, global leader in smart and sustainable mobility, has successfully delivered the first Metropolis metro train for the Chennai Metro Phase II, from its world-class manufacturing facility in Sricity (Andhra Pradesh). These 100% made-in-India trains are designed for a safe speed of 90 kph and operational speed of 80 kph. The mock-up car upon manufacturing completion was unveiled at an event organised at Alstom's Sri City site on 22 September 2024 in the presence of dignitaries from government of Tamil Nadu, CMRL and Alstom.

Olivier Loison, Managing Director - Alstom India shared his views on this momentous milestone, "Chennai Metro has become a beacon of efficient and reliable transportation, transforming daily commutes for its residents. We are proud to support this vision by delivering world-class, made-in-India driverless metro trains that not only elevate the commuter experience but also drive sustainable mobility by reducing emissions and easing road congestion. As India's trusted partner in advancing sustainable transportation, Alstom is committed to strengthening this partnership and reshaping Chennai's mass transit landscape for a greener future."

With production started in February 2024, this order aims to deliver 36 trains, each comprising of three cars. These trains are designed to run on the 26 km corridor, a segment of Phase-II linking Poonamallee Bypass to Light House via 28 stations of which 18 elevated and 10 underground.

The project valued at 124 million euros also includes training the Chennai Metro personnel in operation and maintenance. Equipped with Automatic Train Operation (ATO) and Automatic Train Protection (ATP), these metro trains are engineered and designed to operate driverless with Unattended Train Operations (UTO), representing grade of automation level 4 (GOA 4). Thanks to the regenerative braking system, ensuring substantial energy conservation, these trains will offer an efficient, environmentally friendly and comfortable metro solution for passengers of Chennai. Under the 'Make in India' initiative, these Metropolis trains have been completely designed in India in Bangalore (Karnataka) and are built at the manufacturing facility in Sri City (Andhra Pradesh).

Since being awarded its first contract by Chennai Metro Rail Limited (CMRL) in 2010, Alstom has delivered 208 metro cars for the phase I of the Chennai Metro. Additionally, Alstom has designed, tested, and commissioned track work covering 45 kilometres across these corridors. With the delivery of first trainset of Chennai Metro Phase II, Alstom continues to solidify its commitment to transforming the mobility landscape of Chennai, driving the city towards a more connected and sustainable future.

About Metropolis metros

Alstom's modern metro trains are serving the different needs of customers worldwide for over 60 years. Designed to fit new and existing infrastructure, Metropolis metro trains can be adapted to multiple capacity needs. With flexible configurations from 2-to-9-cars, small to large gauge profiles, different voltage systems, and individual interior designs, Alstom's metros can be operated manually or

driverless. Metropolis metros feature low noise levels, high recyclability, and optimised energy-efficiency to minimise environmental impact. Over 35,000 metro cars have been ordered or are in operation in more than 70 cities in 40 countries.

Alstom™ and Metropolis™ 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 5 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 Aatmanirbhar Bharat, Alstom remains deeply committed to strengthening its local sourcing and supply chain ecosystem.

Contacts

Press (India):

Ankita UPADHYAY

ankita.upadhyay@alstomgroup.com

[+91 88269 46333](tel:+918826946333)

Press (HQ):

Stéphane SAVIGNARD

stephane.savignard@alstomgroup.com

[+33 763004876](tel:+33763004876)