

Alstom successfully delivers the first trainset for Bhopal-Indore metro rail project

- Under the 'Make in India' & 'Atmanirbhar Bharat' initiatives, these metro trains are being manufactured in Savli, Gujarat.
- The Bhopal-Indore metro features the latest generation of Communications Based Train Control (CBTC) signalling system.
- These Movia metro trains will benefit around 6 million citizens of Bhopal and Indore.

31 August 2023 – Alstom has successfully delivered the first trainset for the Bhopal-Indore metro project to Madhya Pradesh Metro Rail Corporation Limited (MPMRCL) today. Built in record time of fourteen and a half months from its Notice To Proceed (NTP), this trainset will be deployed to Indore, which is set to be operational from April 2024. The mock-up car was unveiled at Smart City Park, Bhopal on 26 August 2023, by Hon'ble Chief Minister of Madhya Pradesh in the presence of MPMRCL, the General Consultant and Alstom.

The second trainset expected to be delivered by 20th September 2023, will be deployed to Bhopal. These ultramodern, light-weight trains will operate at a top speed of 80 km/h, across the 31 km line in Bhopal with 30 stations and the 31.5 km line in Indore with 29 stations. 27 of the 3 car configuration trainsets, will be for Bhopal while 25 trainsets will be for Indore. The trains have a 50-passenger seating & 300 standing capacity.

Commenting on the delivery update, **Oliver Loison, Managing Director, Alstom India** said, "It is a proud moment for us to deliver the first trainset for the Bhopal-Indore metro project in advance. Bhopal and Indore has been recognised as a smart city in India, and the addition of metro will modernise the city infrastructure notably. These trains will ensure safe, reliable, efficient, and affordable mass transport system, while also promoting economic activity. Alstom is India's long-standing partner in the journey towards sustainable mobility and we are looking forward to further strengthen this partnership by redefining the mass transportation needs of Madhya Pradesh."

Under the 'Make in India' campaign, the Bhopal-Indore Metro trainsets are being manufactured 100% indigenously at Alstom's state-of-the-art rolling stock manufacturing facility at Savli, Gujarat. As a part of the contract awarded in July 2022,

- Alstom is responsible for the design, manufacturing, supply, installation, test, and commissioning of 52 standard gauge Movia metro passenger trainsets of 3-car configuration each, with 15 years of comprehensive maintenance.
- Valued at €387 million (over INR 3200 crores), this order includes installation of latest generation of Communications Based Train Control (CBTC) signalling system as well as train control and telecommunication systems; each with seven years of comprehensive maintenance.
- This is the second such combined order in India for Alstom, after the Agra-Kanpur metro projects.

The Movia metro family offers the latest technology combined with proven and reliable components, and have been operational in numerous global cities, including London, Delhi, Stockholm, and Singapore. These air-conditioned cars are developed with a strong emphasis on eco-friendly design to eliminate hazardous substances providing a safer environment for passengers. The trains are powered with modern energy efficient

propulsion systems with regenerative braking, making them a sustainable alternative to other modes of transport, thus reducing energy consumption. Features such as ambient lighting and smart light solutions further help in energy saving. Train Control and Management System (TCMS) has been adopted with an automatic track inspection system embedded to ensure error free and highspeed data transmission. Highest standards of safety and security have been ensured with continuous CCTV surveillance and a direct communication channel with the train operator and the control centre, in case of distress. The intelligent CCTV features also include unattended object identification and empty train detection (passenger counting in Emergency evacuation). The trains also have dedicated wheelchair space for specially abled persons.

Alstom India has a rich legacy of successfully delivering world-class metro trains for major cities, including Delhi, Chennai, Mumbai, Lucknow, Kochi in India, as well Sydney, Queensland, and Montreal. The company is currently manufacturing metro trains for Agra-Kanpur, and Mumbai Metro Line 3, and modern trainsets for India's first semi high-speed Delhi-Meerut RRTS project.

Alstom™ and Movia™ 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 63 countries and a talent base of over 80,000 people from 175 nationalities, the company focusses its design, innovation, and project management skills to where mobility solutions are needed most. Listed in France, Alstom generated revenues of €16.5 billion for the fiscal year ending on 31 March 2023.

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

Contacts

Press:

Ankita Upadhyay

Ankita.Upadhyay@alstomgroup.com