

Alstom's automated Innovia monorail system enters service on Bangkok's MRT Pink Line

- The 34.5 km Pink Line has 30 stations and will connect the heavily congested Khae Rai to Min Buri, cutting travel time by over 50%, reducing it to under an hour
- The line is designed to link with five other rail lines and improve connection to the northern areas of Bangkok and Nonthaburi
- The driverless monorail system will be able to operate at speeds of up to 80 km/h and accommodate over 470,000 passengers daily

6 December 2023 – Alstom, global leader in smart and sustainable mobility, announces the entry of Bangkok's MRT Pink Line into trial passenger service. The new rail service was inaugurated by the Prime Minister of Thailand, Mr. Srettha Thavisin, on 21st November 2023 for free public trial until 30 December 2023. After successful public trial, the MRT Pink Line is planned to enter revenue service on 31 December 2023. The Northern Bangkok Monorail Company Limited, operators of the Pink Line, awarded Alstom the contract to supply the turnkey Innovia monorail system powering the Pink Line in 2017. Alstom has also provided a monorail system for Bangkok's MRT Yellow Line which has been operational since July 2023.

Extending over 34.5 kilometres and featuring 30 stations across Chaeng Wattana and Ram Intra, the Pink Line will seamlessly integrate with five other rail lines to improve access to city's east-west transport corridors. The Pink Line will also have two additional stations by 2025, which will further improve the connectivity between Bangkok and Nonthaburi province.

Toby Tiberghien, Managing Director for East Asia at Alstom, commented on this significant event: "The inauguration of the Pink Line marks another critical milestone for Alstom in Thailand, as our second monorail system starts operation and showcases our expertise in delivering state-of-the-art mobility solutions. Through the Pink Line, we are proud to have supported our customer NBM and the Mass Rapid Transit Authority of Thailand (MRTA) in extending Bangkok's urban transit network to new city areas. This accomplishment reflects our ongoing commitment to innovating for more connected and efficient urban transportation."

The project delivery, led by Alstom's Turnkey regional hub in Bangkok, included system integration, installation and test and commissioning of the Innovia monorail trains, Cityflo 650 GOA4 driverless signalling, communication systems, power supply and conductor rail, track switches, platform screen doors and depot equipment. The Innovia monorail trainsets have been manufactured at the Alstom joint-venture CRRC Puzhen Alstom Transportation Systems Ltd. (PATS) in China.

In 2018, Alstom further solidified its commitment to the project by securing a 20-year service contract, ensuring a seamless operation from delivery to maintenance. This contract encompasses

using Alstom's advanced predictive maintenance tool, HealthHub, covering various aspects such as trains, signalling, and depot operations.

Alstom's portfolio of fully automated, driverless turnkey transport solutions is the ideal solution for the particular challenges of Bangkok's urban transportation. Designed to serve rapidly growing cities and dense urban areas, Innovia monorail systems are elevated and operate on dedicated guideways. This ensures a smooth service that does not interfere with surrounding road traffic. The solutions are characterised by exceptional route flexibility, outstanding availability and high efficiency in terms of passenger capacity, energy consumption and land use. The monorail also features spacious and open designs, low interior noise and vibrations as well as large windows to create a bright atmosphere and comfortable passenger experience.

With both Pink and Yellow Lines now in service, over 5 million residents in eastern and northern Bangkok, Samut Prakan, and Nonthaburi provinces will have access to sustainable urban transportation and reduced travel time by up to 50%.

As the leading global provider of integrated urban solutions with over 50 years experience and 95 lines in commercial service worldwide, Alstom is a trusted partner to deliver integrated turnkey rail systems customised for every mobility need.

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Alstom in Thailand

As one of the leading rail technology companies in Thailand, the Alstom Group employs more than 1000 highly-skilled workforce and delivers multiple mobility projects across and beyond Asia Pacific. Its Bangkok hub is also base to one of the two global railway engineering delivery centres in Asia Pacific, serving both the local and global markets in digital urban and mainline engineering. A pioneer in bringing innovative mobility solutions to Thailand, Alstom's portfolio includes Bangkok's first two driverless monorail systems and Gold Line automated people mover (APM), as well as advanced signalling for six urban mass transit lines and sections of the mainline network.

**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 focuses 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.

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