

Alstom has completed Beni Suef Assuyt signalling mainline project in Egypt

- Revolutionising signalling systems: advancements across 250 km
- Serving over 60,000 passengers daily

30 May 2024 – Alstom, global leader in smart and sustainable mobility, has successfully put into commercial service the signalling upgrade of the Beni Suef Assuyt (BSA) railway line covering 15 stations between Beni Suef and Assuyt officially opened to the public.

As part of its contract to construct the 250-kilometer BSA line, Alstom was responsible for every aspect of the design, installation, testing, and commissioning. The comprehensive upgrade features an advanced SIL 4 signalling electronic interlocking system, known as the IXL SmartLock 400 GP solution, which ensures maximum safety and reliability. In addition, the system includes a robust support system and SCADA technology that enables operators to deliver consistently high levels of performance and availability. Alstom's highly acclaimed Centralized Traffic Control (CTC) system, TLC system, and 11kV power supply substation provide versatile, user-friendly control over the entire network's operation. Together, the system components ensure a world-class rail service with superior functionality and flexibility.

Thanks to Alstom's advanced signalling solution, trains on this line will be able to run at high speeds of up to 160 km/h, covering a distance of 250 km with stops at 15 stations. With a capacity to transport up to 60,000 passengers daily, this 24-hour service is a vital transportation lifeline for people across Egypt.

"We take great pride in achieving this significant milestone for a project of such importance to equip Egypt's railway network with state-of-the-art technology solutions. Our aim is to enhance the safety and efficiency of line operations while improving the passengers' travel experience. This accomplishment marks a major milestone in our continued efforts to deliver world-class mobility solutions that meet and exceed our customers' expectations," said Ramy Salah, Egypt Managing Director at Alstom.

Alstom has been present in Egypt for over 40 years and has contributed to support the strong trend of railway infrastructure development in the country. Over decades, Alstom Egypt has developed a local talent pool that is today in charge of a centre of excellence related to signalling, Power Supply and Depot Equipment which is supporting our projects within the AMECA region. It is this heritage that has allowed Alstom Egypt to make a significant contribution to Egypt's rail industry development.

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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.

Contacts

Press:

Souade BEKHTI – Tel.: 971 56 995 4576

souade.bekhti@alstomgroup.com

Mariam SALAH – Tel.: +20 11 26 37 12 26

mariam.salah@alstomgroup.com