

Alstom wins two major signalling projects in Turkey

- **Digitalization is key to support sustainable mobility**
- **It will facilitate border crossings, increase reliability & commercial speeds and decrease maintenance costs**

25 November 2021 – Alstom has won two signalling contracts to support Turkey’s General Directorate of Infrastructure Investments (AYGM), and Istanbul Metropolitan Municipality’s in their efforts to upgrade their signalling infrastructure in the country.

The scope of AYGM includes the construction and supply of electromechanical works for the Bandirma–Bursa–Yenisehir–Osmaneli (BBYO) high standard railway project which is nearly 201 km-long.

Alstom, through Kalyon Insaat Sanayi ve Ticaret A.S., will supply Interflo 250 and 450, European Rail Traffic Management System (ERTMS) level 1& 2, and deploy the entire Interlocking system including Traffic Control Centre (CTC). Additionally, Alstom will install a smart object controller with the system to eliminate obsolescence risks with legacy systems and provides the capability for the line’s signalling systems to interface over modern fibre-based digital networks and GSMR (Railway communications system) to increase reliability, performance and functionality. At the end of the project, BBYO line will be fully interoperable to all available trains in the Turkish network

The scope of the second contract with Istanbul Metropolitan Municipality’s Cekmekoy-Sancaktepe-Sultanbeyli (CSS) metro line will include the construction and electromechanical procurement work. Through Dogus Insaat ve Ticaret A.S. – Yapı Merkezi Insaat ve San. A.S. – Ozaltın Insaat Ticaret ve Sanayi A.S. JV, Alstom will supply, test and commission the entire signaling system of the 11 km long Cekmekoy-Sancaktepe-Sultanbeyli (CSS) metro line, which has the capacity to carry 120.000 passengers/hr, including the supply of wayside equipment for 8 stations and on board systems, the Based Train Control (CBTC) signalling, for 4 new trains. These driverless systems will shorten headways between trains by 90 seconds. Digitalisation is key to support sustainable mobility, simply by adding more capacity to the existing infrastructure while further increasing the comfort and safety of rail.

“As I am starting my new position as the Managing Director of Alstom in Turkey, I am extremely happy to see the impact of Alstom as a leader of sustainable and innovative mobility in the country. We are honoured to deploy a number of digital-ready technologies that will bring much needed reliability improvements to support traffic levels and deliver greater efficiencies,” Volkan Karakılınc, Managing Director, Alstom Turkey.

Alstom offers leading expertise in mainline and urban signalling standards with over 13,300 km of regional lines equipped and over 160 metro lines equipped with CBTC in over 25 countries.

Alstom has been present in Turkey for more than 60 years, delivering rail vehicles, turnkey transit systems for metros and trams, and established as a leading provider of signaling and train control

technology. The Istanbul office hosts the regional center for Alstom's signalling expertise, as well as the systems & infrastructure project teams, providing project management, engineering, training and maintenance services.

30% of ERTMS Level 2 lines in service in Europe are provided by Alstom.

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 product portfolio ranges from high-speed trains, metros, monorails and trams, to integrated systems, customised services, infrastructure, signalling, and digital mobility solutions. Alstom has 150,000 vehicles in commercial service worldwide. With Bombardier Transportation joining Alstom on January 29, 2021, the enlarged Group's combined proforma revenue amounts to €14 billion for the 12-month period ended March 31, 2021. Headquartered in France, Alstom is now present in 70 countries and employs more than 70,000 people. www.alstom.com.

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