

Alstom and Kazakhstan Railways expand their partnership

- **Fleet renewal to include next generation locomotive KZ8A(NG)**
- **Grow supplier base to increase localisation rates of locomotives**
- **Launch of an interlocking centre of excellence in Kazakhstan**

30 November 2022 – Alstom, global leader in smart and sustainable mobility, and Kazakhstan Railways (KTZ) signed a cooperation agreement during the visit of His Excellency Kassym-Jomart Tokayev, The President of the Republic of Kazakhstan to France. The agreement was signed by Andrew DeLeone, President of Alstom in Africa, Middle East and Central Asia and Nurlan Sauranbayev, CEO of KTZ.

Alstom and KTZ reinforced their cooperation for the renewal of KTZ's locomotive fleet and maintenance support, which includes the next generation locomotive KZ8A(NG). To date, 90 freight and 39 passenger locomotives are in commercial operation with 160 freight and 80 passenger locomotives to be produced and delivered for KTZ. Both parties agreed to join efforts to grow capacity and rail know-how within the supply base in the country to increase localisation rates. Over the last 12 years, Alstom has developed a strong supplier base with over 340 local partners and plans to expand this base further and increase localisation rates.

Alstom and KTZ agreed to diversify their partnership and create an interlocking centre of excellence in Kazakhstan with the goal of establishing EBI Lock 950 product (signalling) expertise in the country. Alstom is taking a considerable step towards the rail of tomorrow and is a vital player in the framework of sustainable development. Additionally, Alstom will work with KTZ on implementing low emission rail technologies with a focus on hydrogen and battery trains to reduce transport related emissions in the country.

"Alstom's work in Kazakhstan goes beyond addressing the immediate transportation needs of the country to support KTZ, as they build a strong and sustainable rail industry. We see a growing future in Kazakhstan, one with increased localisation, a larger and diverse employee base and new export opportunities. We remain committed to being a major contributor to the revitalisation of the country's rail industry and the development of its economy," said Andrew DeLeone, President of Alstom in Africa, Middle East, and Central Asia.

Alstom in Kazakhstan employs over 1,000 people and has four service sites and two production plants. One plant is EKZ in Astana for freight and passenger electric locomotives and production of on-board transformers and bogies, and the second is KEP in Almaty to produce point machines to serve the rail network in the country. Alstom is a major contributor to the revitalisation of the country's mobility industry and the development of its economy.

The solutions selected have a considerable impact on the day to day lives of Kazakh residents and are an integral part of the modernisation of the country's rail network. In addition to being faster, offering more capacity and high availability rates, the components for the 250 freight and 119 passenger Prima locomotives are 97% recyclable. Based on Alstom's operational data, Alstom trains operated in

Kazakhstan have 89% less gCO2/passenger.km compared to cars and the country will see further reduction on CO2 emissions as they increase the use of renewables in the energy mix.

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**About
Alstom**

Leading societies to a low carbon future, Alstom develops and markets mobility solutions that provide sustainable foundations for the future of transportation. 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. 150,000 vehicles in commercial service worldwide attest to the company's proven expertise in project management, innovation, design and technology. In 2021, the company was included in the Dow Jones Sustainability Indices, World and Europe, for the 11th consecutive time. Headquartered in France and present in 70 countries, Alstom employs more than 74,000 people. The Group posted revenues of €15.5 billion for the fiscal year ending on 31 March 2022.

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