

Alstom signs a framework contract to contribute to the design and implementation of ERTMS in four Italian regions

- **Alstom won the tender together with a temporary grouping of companies**
- **The framework contract involves the design and implementation of the latest ERTMS (European Rail Transport Management System) in Sicily, Lazio, Abruzzo and Umbria.**
- **First stage of technological projects, financed by the NRP (Recovery and Resilience Plan), will involve around 700 kilometres of railway lines**

9 March 2022 – Alstom, global leader in smart and sustainable mobility, announced the signature of a framework contract valued at EUR 124 million with Rete Ferroviaria Italiana (FS Italiane Group) to deliver the design and implementation of ERTMS (European Rail Transport Management System) - the most advanced train supervision and control system today in four Italian regions.

The tender awarded by RFI to Alstom represents the first step in the technological projects financed by the NRP and is part of a larger call for tenders, worth approximately EUR 500 million, for the design and construction of ERTMS (European Rail Transport Management System) on 700 kilometres of railway lines in Sicily, Lazio, Abruzzo and Umbria. The work will be carried out by a group of companies led by Hitachi Rail and the contractors Alstom Ferroviaria and Ceit, formed as a temporary association.

Alstom will manage the executive design and construction of the latest ERTMS Baseline 3 Level 2 signalling system with GSM-R¹ and ACCM² on the sections under its responsibility, with the support of the company CEIT as a partner for the yard activities. The system proposed by Alstom meets the technical specifications for interoperability required by the European Union and the CENELEC³ standards for railway safety, guaranteeing the highest and most restrictive safety requirement

"We are proud to have been chosen by RFI for the first railway project financed by the Recovery and Resilience Plan. Today, 30% of ERTMS level 2 lines in service in Europe are supplied by Alstom, demonstrating that our company is a world leader in this field. Therefore, we are very pleased with the contribution that our company, a leader in the field of sustainable and smart mobility, will make to Italy. A first major step towards ecological transition." explained Michele Viale, General Manager of Alstom Italia and President and CEO of Alstom Ferroviaria.

In particular, approximately 480 kilometres of tracks in Sicily, 150 kilometres of the former Umbra Central Railway and 80 kilometres of the Roccasecca – Avezzano line, will be equipped with the new technology.

¹ A radio system for voice and data communication between the track and the train

² ACCM: Multi-station Central Computer Equipment

³ European Committee for Electrotechnical Standardization

These interventions represent 50% of the first objective indicated by the European Union for the implementation of technological projects financed by the NRP, that will equip 1,400 kilometres of railway lines with the ERTMS system by December 2024. A plan that provides nearly 3 billion euros for the implementation of this technology on over 3,400 kilometres of network by 2026, aligned with RFI's goal of installing the system on all 16,700 kilometres of lines.

ERTMS is the traffic management system for railways in Europe. A major industrial project being implemented in Europe with the main aim of making rail transport fluid, increase operations and become more competitive. ERTMS ensures interoperability of the national railway systems, reducing the purchasing and maintenance costs of the signalling systems as well as increasing the speed of trains and the capacity.

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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