

A contract worth €194 million in Italy

Alstom to supply 31 regional trains for the Region of Lombardy

29 November 2019 – Alstom has signed a contract with the Italian operator FERROVIENORD¹ for the supply of a first batch of 31 regional trains to Lombardy Region for a total value of €194 million. This contract is the first within a framework agreement also signed today with FNM² S.p.A. The trains will be delivered gradually from 2022 onwards.

The agreement provides the possibility, within 8 years, to purchase 30 additional trains (up to a maximum of 61) and includes options for preventive and corrective maintenance service. The signing follows the award to Alstom of the tender called by FNM in 2017, subsequent to the approval of the purchase of 176 new trains by Lombardy Region, which allocated €1.6 billion to the global programme.

“We are pleased to embark on a new journey towards increasingly modern and sustainable local transport with FNM. In the last ten years, Alstom has delivered 44 regional trains in Lombardy. Our trains already move thousands of passengers every day in the region. The new generation of Coradia Stream represents the best solution for meeting the increasing needs of both the region’s travellers and the operator,” said Michele Viale, Managing Director of Alstom Italy and Switzerland.

The train ordered by FERROVIENORD, named « *Donizetti* » by the customer, is part of the Coradia Stream family, the latest electric, single-deck trains designed and produced by Alstom for regional transport. They have four traction motors and a maximum speed of 160 kph. They represent the fourth-generation of a model that is already in commercial service in ten Italian regions, and are produced in conformity with the Technical Specification for Interoperability (TSI).

The spacious cars of the trains offer ample seating for the medium-length journeys, typical of regional and inter-regional services, whereas their single seats and easily accessible vestibules are ideal for the shorter journeys, typical of suburban traffic. The seats are equipped with power sockets for PCs, tablets and cell phones. The lighting is optimised by the large windows that let in more natural light, and

KEY FIGURES

- 31** regional trains
- 194** million-Euro contract
- 30%** less energy consumption
- 44** Alstom trains in Lombardy

¹ FERROVIENORD, controlled 100% by FNM operates 331 km of railway network and 124 train stations in Lombardy. Also, it manages and maintains the networks, provides for its developments and for new activations

² FNM is the leading integrated transport and mobility Group in Lombardy. It represents the most important non-state Italian investor in the sector. FNM S.p.A. is a joint-stock company listed on the stock exchange since 1926. The majority shareholder is the Lombardy Region, which holds 57.57% of the share package.

passenger circulation is facilitated by wide corridors that are also suitable for people with reduced mobility.

Minimal levels of noise and vibrations ensure a quiet and comfortable journey. Cars temperatures are adjusted by a higher-power air conditioning system. Also, these trains are equipped with an information system integrated with the ground infrastructure and offers an audio-video information and entertainment service with 32 LCD screens visible from all parts of each carriage and the predisposition for Wi-Fi network. Passenger safety is guaranteed by a digital camera video-surveillance system and monitors.

The new trains satisfy the criteria of environmental sustainability and are 96% recyclable. They consume 30% less energy than their predecessor. No solvents or other toxic chemical substances are used in their production. The air conditioning and ventilation systems are regulated on the basis of the number of passengers, and the door closure is programmed in such a way as to avoid any thermal dispersion. Eco mode is activated when necessary. The LED passenger lighting is automatically regulated on the basis of the amount of light outside the train.

The Coradia Stream trains are manufactured by Alstom in Italy. Project development, most of the manufacturing and certification are performed at Alstom's site in Savigliano (CN). Design and manufacturing of the traction systems and other components takes place at the Sesto San Giovanni (MI), and the on-board signalling systems are delivered by the Bologna site.

About Alstom

Leading the way to greener and smarter mobility worldwide, Alstom develops and markets integrated systems that provide the sustainable foundations for the future of transportation. Alstom offers a complete range of equipment and services, from high-speed trains, metros, trams and e-buses to integrated systems, customised services, infrastructure, signalling and digital mobility solutions. Alstom recorded sales of €8.1 billion and booked orders of €12.1 billion in the 2018/19 fiscal year. Headquartered in France, Alstom is present in over 60 countries and employs 36,300 people.

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