

Alstom to deliver four additional Pendolino high-speed trains and related maintenance services to NTV

7 September 2016 – Alstom and NTV have signed a contract for the purchase of four Pendolino trains and related maintenance services. The contract was signed today in Rome by Andrea Faragalli, President of NTV and Michele Viale, Managing Director of Alstom in Italy. It also includes the extension of maintenance services for NTV's entire fleet of Pendolino trains from 20 to 30 years. NTV thus leverages two options included in a previous contract signed with Alstom in October 2015 for the purchase of eight Pendolinos high-speed trains and associated maintenance. The first trains are currently under construction in Savigliano (CN) and are scheduled to be delivered in late 2017, and will be ready to enter service in early 2018.

Pendolino is part of Alstom's Avelia range of high-speed trains. The four new trains will include the same features and technical specifications as the eight Pendolinos previously ordered. Running at a maximum speed of 250 km/h, the 7-car trains will be 187 metres long and can accommodate around 480 passengers. The front end with its futuristic lines is designed to improve crash protection and enhance aerodynamics. The train is fully compatible with the very latest 2014 TSI¹ regulations established by the European Union. The train is designed to be environmentally friendly, thanks to its high recyclability and reduced CO₂ emissions. Moreover, its optimised distributed traction system enhances efficiency and acceleration and regenerates energy while braking.

The Pendolino trains, in addition to the existing fleet of 25 AGVs, will bring up the NTV fleet to a total of 37 Avelia trains. This will allow the private Italian operator to expand its current network and respond to an increasing demand for new routes and higher frequencies. NTV passed the 9-million-passenger milestone in 2015 and is on track to reach 10 million in 2016, all travelling on board Alstom's trains.

"We are proud to be taking this next step with Alstom, our trusted historical partner," said Andrea Faragalli, President of NTV. "The expansion of the fleet to include 37 trains is part of our project for industrial renewal begun last year. Alstom's Pendolino, thanks to its excellent performance on both high-speed and conventional lines, is perfectly suited to our needs. We want to increase the presence of high-speed services in the country and thanks to these four additional trains, we will serve new destinations and strengthen existing routes such as Milano-Napoli."

¹ Technical Specifications for Interoperability

"We are very pleased with NTV's renewed confidence in our expertise, allowing us to further consolidate our partnership established in 2008. With its fleet of 12 new Pendolinos, NTV is joining the club of rail operators who have already chosen this train. Pendolino is one of Alstom's flagship products, made in Italy in our centre of expertise for high speed, Savigliano. This new train will give us the opportunity to adapt Pendolino to the latest safety standards and interoperability in Europe, opening up more opportunities in foreign markets," said Andreas Knitter, Senior Vice President of Alstom Europe.

The site of Savigliano (CN) is already working on the design and manufacturing of the train in collaboration with Sesto San Giovanni (MI) for traction systems and Bologna for signalling systems. The 30-year maintenance of the Pendolino trains for NTV will be performed in Alstom's depot in Nola (NA), already in charge of maintenance for AGV.Italo.

The Avelia range is based on four current flagship products – Pendolino, Euroduplex, AGV and Liberty – representing the culmination of 35 years of expertise and more than 1,050 trains in service around the world.

About Alstom

As a promoter of sustainable mobility, Alstom develops and markets systems, equipment and services for the railway sector. Alstom manages the widest range of solutions in the market – from high-speed trains to metros and tramways – customised services (maintenance, modernisation,...) and infrastructure and signalling solutions. Alstom is a world leader in integrated railway systems. It recorded sales of €6.9 billion and booked €10.6 billion of orders in the 2015/16 fiscal year. Headquartered in France, Alstom is present in over 60 countries and employs 31,000 people today.

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