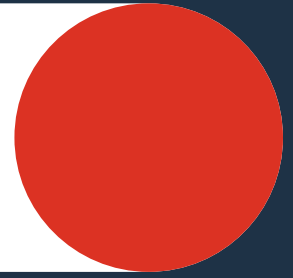


ALSTOM IN ITALY



Deeply rooted in the Italian railway tradition, Alstom in Italy has been manufacturing trains for **160 years**, signalling equipment for **90 years** and traction systems for **60 years**. Today, with **8 sites** throughout Italy and **3000 employees**, Alstom is a strong local employer recognised as one of the leaders on the Italian market. Alstom in Italy has two centres of excellence in high-speed trains **Avelia Pendolino** based on tilting technology and in regional trains in Savigliano (CN); and in **railway signaling equipment and traction systems** in Bologna.

Alstom has made considerable investments in its industrial base in Italy. Alstom's site in **Savigliano (CN)** is an example of **Factory 4.0**, with a cutting-edge 3D virtual reality room enabling our engineers to design trains for easier maintainability.



ALSTOM IN ITALY IN FIGURES

>3200 Employees

8 Main sites

31 Depots

2 Centres of expertise

SAVIGLIANO

Centre of expertise for regional trains (about 600 trains sold) and Avelia Pendolino high-speed trains (over 500 trains sold worldwide).

SESTO SAN GIOVANNI

Maintenance and manufacturing centre for subsystems and components of trains, tramways and metros.

LECCO

Development and manufacturing of railway components and power transmission for railway, metros and tramways.

BOLOGNA

Centre of expertise for signalling, computerised interlocking and traffic supervision systems.

FIRENZE

Design and manufacturing of railway signalling systems.

ROMA

Commercial office. Design and installation of rail, urban and mainline infrastructure and systems.

BARI

Research centre for railway signaling systems.

NOLA

Maintenance centre for NTV fleet (25 Avelia AGV+22 Avelia Pendolino).

TRAINS

- 25 Avelia AGV and 26 Pendolino EVO trains for NTV
- 200 Coradia Stream regional trains for Trenitalia and FerrovieNord Milano
- 162 regional trains Jazz/Coradia Meridian for Trenitalia, FNM and the Italian Regions

SIGNALLING

- About 4000 Italian signaling on board units including ERTMS Level 2 BL2 and ERTMS L2 BL3
- 298 km of ERTMS Level 2 System for high-speed lines and trains in Italy
- Bologna Node signaling integrated Interlocking and Control Center System manage 6 lines, 64 stations
- Roma Node signaling integrated Interlocking and Control Center System manage 3 lines, 21 stations
- Upgrading to ERTMS of the Milan-Monza-Chiasso line
- New radio signalling system for Line 1, and supervision and control system for Lines 1, 2 and 3 of the Milan metro

INFRASTRUCTURE

- Electrification for the high-speed lines Milano-Genova and Brescia-Verona
- Line M5 of the Milan metro
- Line M2 renovation of electrification and supply of overhead power lines for Line 2 Gobba-Gessate
- Systems and infrastructure for the new Firenze tramway line 2 and 3
- New tramway Desio-Seregno (Milan): infrastructure, signalling, electrification and supply of power lines
- RFI nodes of Rome and Bari: maintenance and renovation of overhead power lines, maintenance of railway yard signalling, maintenance and upgrade of electrical substation

SERVICES AND MAINTENANCE

- Maintenance of the Avelia Pendolino fleets of Trenitalia and SBB
- Maintenance of the Minuetto trains of Trenitalia and regional railways, Trenord's Coradia Meridian trains
- Complete maintenance (30 years) of the Italo Avelia AGV and Pendolino fleets.

KEY DATA

More than **500 Avelia Pendolino** trains built in Italy and sold in **13 countries**.

More than **400 regional** trains for public, private and regional operators.

Level 2 ERTMS for Italian high-speed lines, the first in Europe equipped with the new interoperable standard.



Coradia Stream «Pop» for Trenitalia



Avelia Pendolino Evo for Italo/NTV

FOR MORE
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