

## **Alstom wins the Assolombarda Awards 2025 in the "Digitalization" category with the Control Room project at the Sesto San Giovanni site**

- **An award in a special year: the Sesto San Giovanni site celebrates its 70th anniversary this year**
- **The Control Room, operational 365 days a year with a team of 50 experts including softwareists, data scientists and data architects, allows real-time monitoring of the health status of around 500 trains a day, including regional trains, high-speed trains and locomotives**

**14 March 2025** – Alstom, global leader in smart and sustainable mobility, has won first prize in the "Digitalization" category at the Assolombarda Awards 2025, thanks to the Control Room project at its Sesto San Giovanni (MI) plant. This recognition is awarded to outstanding businesses that excel in innovation and competitiveness across key strategic areas such as design, sustainability, digitalization, social responsibility, and economic performance, celebrating the hard work and innovation of local enterprises. The award ceremony took place on March 13 at the Assolombarda headquarters in Milan. The "Digitalization" category honors companies that drive digital solutions, with a focus on cybersecurity and the dissemination of innovation across the value chain, as well as initiatives that strengthen cybersecurity awareness within the community.

"The Sesto San Giovanni Control Room is a tangible example of how digital innovation can transform and enhance the efficiency and safety of the railway sector," said Michele Viale, Managing Director of Alstom Italy. "This award is an important recognition of the dedication of our teams, who work every day to drive the evolution and widespread digitalization of mobility. This recognition is even more special as we celebrate the 70th anniversary of the Sesto San Giovanni site this year, reaffirming Alstom's ability to innovate and respond to new challenges".

The Control Room at Alstom's Sesto San Giovanni site is a benchmark for the digitalization and optimization of railway maintenance. Leveraging Big Data and Business Analytics, the facility enables real-time monitoring of the health status of approximately 500 trains, including regional, high-speed, and locomotive fleets. This approach has significantly reduced failures, optimized maintenance times, and increased fleet availability, ensuring high standards of safety and comfort for passengers. The Control Room's monitoring system employs advanced algorithms for predictive data analysis, allowing potential anomalies to be identified before they turn into failures. A key aspect of the project is cybersecurity, with the implementation of encrypted protocols, dedicated networks, and advanced authentication systems, fully compliant with European cyber-resilience regulations.

The Alstom site in Sesto San Giovanni is a center for the production, repair, and maintenance of subsystems and components for rolling stock. It stands out for various specializations: it designs and produces traction and auxiliary converters for high-speed trains, regional trains, trams, and metros, as

well as control desks and fire protection systems for high-speed and regional trains. It also performs repairs on electronic systems and railway subsystems and provides spare parts for the entire range of rolling stock.

Additionally, the site hosts an innovative 3D printing hub dedicated to producing spare parts for the railway sector, equipped with advanced polymer printing technologies and tools for reverse engineering activities. Recognized as an "Industrial Production Hub," it serves as an official supplier of spare parts for major railway operators.

Thanks to its expertise and collaboration with other Alstom sites, the Sesto San Giovanni site is targeting the global market.

## **Alstom**

Alstom commits to contribute to a low carbon future by developing and promoting innovative and sustainable transportation solutions that people enjoy riding. 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. With its presence in 64 countries and a talent base of over 84,700 people from 184 nationalities, the company focuses its design, innovation, and project management skills to where mobility solutions are needed most. Listed in France, Alstom generated revenues of €17.6 billion for the fiscal year ending on 31 March 2024. For more information, please visit [www.alstom.com](http://www.alstom.com).

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