

Alstom will present its latest innovations in smart and sustainable mobility at Rail Live! 2021

- The company, a world leader in sustainable mobility, will participate on panels and presentations concerning efficient and sustainable energy, multimodal and inclusive mobility, automatisisation and metro systems
- At the Alstom booth, visitors will be able to visit the new Alstom Barcelona metro in full-scale model

23 November 2021 - Alstom, a world leader in sustainable mobility solutions and a key player in Spanish railway sector, will participate in the next edition of [Rail Live! 2021](#), which will be held in Madrid on 30 November and 1 December. Among many activities, the company will have a full-scale metro car and will participate in different presentations and meetings to showcase its commitment to sustainable, inclusive, safe, healthy and efficient mobility.

"At Rail Live 2021 we want to share important aspects that, as a company, we have integrated into our strategy to lead innovation for more sustainable and smarter mobility. In our projects and strategy, it is key that the development of new products are increasingly greener and more efficient, safe, diverse and committed to the operators and travellers' needs. We seek to promote the development of a liveable and viable society, mobility and cities. This is our commitment," says Leopoldo Maestu, Alstom Managing Director for Spain and Portugal.

In this exhibition, Alstom will have experts from different areas of the company, including **Leopoldo Maestu** (Alstom MD Spain and Portugal), **Eddy Thesee** (Alstom VP Cybersecurity Products and Solutions), **Paloma Moran** (Alstom VP Urban Platform), **David Moskowicz** (Head of Mobility Orchestration & Passenger Flow Solution) and **Jaime Borrell** (Alstom in Spain Business Development Director).

New Metro solutions

Alstom will have one of the key attractions for visitors to this edition of Rail Live, with a 1:1 scale model of the future trains for Barcelona Metro.

These new trains, currently being manufactured at Alstom's industrial centre in Santa Perpètua, Barcelona, incorporate the latest advances in comfort, efficiency and sustainability, with the highest level of recyclability (96.1%), low energy consumption, and commitment to the strictest regulations in the use of materials. In addition, these trains are reconfigurable during their service life to alternate between the cabin version and the automatic version (GOA4), which enables driverless operation. Its design has also taken into account the maximum requirements and advances to ensure the best comfort on board, connectivity and universal accessibility, for which we have collaborated with the Fundació ONCE.

Leader in the metro market worldwide, Alstom has two metro train platforms (Metropolis™ and Movia™) to satisfy the needs of different customers and operators. With over 12,000 vehicles in

circulation in 40 different countries, more than 10 billion passengers are travelling every year on one of the metro systems manufactured by the Alstom Group worldwide.

Innovation-based growth strategy

In response to the unprecedented acceleration of sustainable mobility needs worldwide, Alstom presented its strategic plan '[Alstom in Motion 2025](#)' last July. In line with this strategy to become the world leader in innovation for sustainable and smart mobility, the company will significantly increase its investment in R&D in the coming years to 550-600 million euro per year.

Moreover, thanks to its new dimension, following the integration of Bombardier Transportation, the Alstom Group has the most comprehensive portfolio of solutions in the industry, including all types of rolling stock (from trams to very high-speed trains), spare parts, maintenance and operation services, as well as a full range of signalling solutions and digital mobility technologies.

About Alstom Leading the transition to a decarbonised future, Alstom develops and markets sustainable mobility solutions that will lay the foundations for the future of transport. Alstom's portfolio of products and solutions 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 circulation worldwide. Following the integration of Bombardier Transportation on 29 January 2021, the new Group's consolidated revenues will reach €14 billion (considering the 12-month period ended 31 March 2021). Today, Alstom is present in 70 countries and employs more than 70,000 people. www.alstom.com

The Alstom Group Spain and Portugal has a long industrial and technological history in the country, with nearly 3,000 workers in Spain, five industrial centres, four technology centres and a presence in more than twenty maintenance depots. Among other facilities, Alstom has an industrial plant in Barcelona dedicated to the manufacture of all types of rolling stock, a propulsion systems factory in Biscay and, in Madrid, various technological innovation centres for undertaking projects in the fields of railway safety, signalling, maintenance and digital mobility.

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