

## In Green, Smart and Data-driven Mobility areas

### Alstom presents its latest technologies at the Smart City Expo World Congress



**18 November 2019** – Alstom will present at the Smart City Expo World Congress, to be held in Barcelona from the 19 to the 21 November, its latest solutions for sustainable and digital mobility. Smart City Expo World Congress (SCEWC), the leading international event for cities, will host on 2019 its ninth edition. Under the theme Cities Made of Dreams, it will gather over 700 cities, 844 exhibitors and 400 speakers that will address, amongst others, the challenges to boost the transition to a smarter, more inclusive and more sustainable mobility. Alstom will showcase its latest development in the areas of Green, Smart and Data-driven Mobility.

Urban transport is increasingly demanding the application of new automated and emission-free technologies. Therefore, Alstom will present its latest innovation in **electric mobility**, such as [SRS](#), a ground charging system for electric buses, and the e-bus [Aptis](#), a 100% electric urban mobility alternative.

Aptis will be, in addition, available for test drives outdoor from 9.30 to 17.30. Energy efficiency management will also be highlighted during the event. Alstom's solutions in this area can help cities mitigate their environmental impact, through the anticipation and management of peak energy consumption, planning and mutualizing infrastructure and smart management of charging.

As a provider of Mobility solutions in the digitalization era, Alstom will also showcase its latest developments in this field. Technologies such as Augmented Reality, 5G connectivity, Big Data, IoT, Video Analytics, or Virtual Reality are redefining the present and the future of mobility in our cities. Alstom's state-of the art application of new technologies allows to increase the punctuality, reliability and availability of mobility systems, as well as data analysis and smart management means to improve fluidity and passenger information systems. In this regard, Alstom Digital Mobility (ADM), including the Smart Mobility Lab in Spain, has developed technologies to respond to both the requirements of passengers (passenger experience) and operators (sustainability, fluidity, multi-modality, availability and efficiency).

"Alstom Digital Mobility innovation teams are developing solutions to better understand the mobility demand and passenger's flows to adapt the services and enhance network fluidity. It is critical to introduce a multimodal vision for optimizing and synchronizing the transport offer, in particular in multimodal Hubs", underlines Alvaro Urech. Alstom Innovation Director in Spain.

In this regard, Alstom will present at SCEWC the latest applications of its multimodal orchestrator [Mastria](#), that supports coordination of all public transport modes from rail & road, and optimises operation with mobility analytics. Data-driven Mobility solutions can, in fact, provide a complete set of analytics to improve the mobility performance leveraging Alstom's products and solutions. These

Analytics increase mobility performance for: Operations, Maintenance, Energy, Security, City flow. Each solution is available in the cloud or on-premise, ensuring cyber security and data protection.

Finally, a talent corner located in the stand will show the positions open in the company worldwide, for profiles related to smart mobility. Over 200 vacancies are currently open in 12 different countries, including Spain.

- Alstom Booth: Hall 1 – Booth C122
- Aptis test drive: Outdoor – From 9:30 to 17.30
- Congress Schedule (Alstom participation):

Wednesday 20 November from 2:45 to 4:45PM  
Thematic session on Sustainable Mobility  
Álvaro Urech, Innovation Director Spain & Portugal

## 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, customized 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. Alstom is present in over 60 countries and employs 36,300 people.

Alstom maintains its long-term industrial and technological commitment in Spain. With close to 2000 workers in 18 sites, Alstom is the only company in Spain with local industrial and technological footprint for all the activities involved in railway transport: signalling, infrastructures, train manufacturing, maintenance and digital mobility. The company has in Barcelona an industrial plant devoted to the manufacture of all types of trains, and an innovation centre in Madrid for the development of R&D programs.

## Contacts

### Press contacts - Alstom Spain:

Irma Aguado Carranza

Tel.: +91 334 56 81 – 686 677 104  
irma.aguado@alstomgroup.com  
@Alstom\_es