

Alstom and Carlos III University of Madrid open a new Master's Degree in Railway Systems Engineering

- **Alstom reinforces its presence in the academic sphere to contribute to the development of next generation engineers and technicians in the railway field.**
- **The sustainability of rail has boosted employment in the railway sector. In 2022, Alstom will incorporate more than 300 new professionals in Spain.**

October 18, 2022 – Alstom, global leader in smart and sustainable mobility, and the Carlos III University of Madrid have inaugurated a new edition of the Master's Degree in Railway Systems Engineering this week, available to graduates with or without experience in the railway field.

The Master's Degree, which lasts one year, will be taught in hybrid format (classroom and distance learning) by Professors from the university, active professionals from Alstom in Spain and other railway experts. The academic programme covers railway systems engineering from a multidisciplinary and comprehensive approach, which includes the design and development of digital safety and control systems (railway signalling), electric traction, rolling stock design, as well as systems' services and maintenance.

During the opening ceremony, Jose Miguel Soler, in charge of Urban Systems at Alstom in Spain and Coordinator of the Master's Degree highlighted, *"The new Master's Degree is an excellent gateway to the railway sector. The collaboration with the Carlos III University, an international reference centre in the field of STEM training, and the participation of a top-level teaching team, including active professionals with extensive experience, guarantee the excellence of the degree. In addition, students who decide to do their internships at Alstom will have the opportunity to work, from the very first moment, on real projects in a multinational environment."*

This initiative completes other training programmes in which Alstom skilled professionals have been participating for years. For the 2022-2023 academic year, Alstom has increased its collaboration with universities and training centres, such as the **Universidad Pontificia de Comillas**, the **Universidad de Cantabria**, the **Universitat Politècnica de Catalunya**, or the **Universidad Politècnica de Madrid**, where active professionals from the company will be teaching. In total, around twenty technicians, engineers and managers from Alstom in Spain collaborate with different universities and training centres, with the aim of bringing the railway sector closer to new generations.

In addition, the company is currently preparing the new call for applications for **Alstom Talent Energy**, the training and internship programme for recent graduates, which this year celebrates its tenth consecutive edition. To date, nearly 300 recent graduates have participated in this programme, which offers post-graduate training grants and paid and supervised internships at Alstom's centres in Madrid and Barcelona.

"The railway sector is at the heart of the future of our society. When we talk about rail, we talk about digitalisation, sustainability, mobility and innovation. It is an exciting sector that offers numerous career opportunities in all areas," says Stephanie Burik, Director of Talent Management at Alstom Spain and Portugal.

In order to continue with its expansion plans and develop new projects and initiatives, Alstom in Spain will hire more than 300 new employees in 2022 (available offers can be consulted on [its job portal](#)), including operators, welders as well as engineers, mathematicians, technicians and support functions. The new professionals will join more than 3,000 employees who are already part of Alstom Spain and Portugal.

With more than 3,000 employees, Alstom has a long industrial and technological history in Spain, including 4 industrial centres, 4 technology sites and a presence in more than twenty maintenance workshops. Among others, Alstom has an industrial plant in Barcelona dedicated to the manufacture of all types of rolling stock, a propulsion systems factory in Vizcaya, and in Madrid, different technological innovation centres for the development of programmes and projects in the fields of railway safety, signalling, maintenance and digital mobility.

About Alstom

Leading societies to a low carbon future, Alstom develops and markets mobility solutions that provide sustainable foundations for the future of transportation. 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. 150,000 vehicles in commercial service worldwide attest to the company's proven expertise in project management, innovation, design and technology. In 2021, the company was included in the Dow Jones Sustainability Indices, World and Europe, for the 11th consecutive time. Headquartered in France and present in 70 countries, Alstom employs more than 74,000 people. The Group posted revenues of €15.5 billion for the fiscal year ending on 31 March 2022.

Log onto www.alstom.com for more information.

Contact Press Alstom Spain and Portugal

Irma Aguado Carranza

Tel.: +34 91 334 56 81 - 686 677 104

irma.aguado@alstomgroup.com

Daniel Larena Martínez

Tel.: +34 669 768 327

daniel.larena@alstomgroup.com