

## Alstom and Air Products sign a Memorandum of Understanding with an objective to introduce hydrogen trains in the Czech Republic

**5 December 2022** – Alstom, a global leader in smart and sustainable mobility, and Air Products, the world's largest hydrogen producer and supplier, have signed a Memorandum of Understanding for the deployment of hydrogen solutions in rail, including the necessary infrastructure in the Czech Republic. The agreement supports the fulfillment of goals set by the European Green Deal, in particular the 'Fit for 55' package.

*"By signing this memorandum, we formally confirm our long-term cooperation with Air Products. Both parties will do everything in their power to accelerate the introduction of hydrogen in rail in the Czech Republic. Alstom is a pioneer in hydrogen rail mobility solutions and has much to offer in this area, from expertise to the trains themselves. With Air Products, we can also supply the necessary fuelling stations and build the hydrogen infrastructure in the country. We are in contact with the regions in this matter and we are trying to take action to support the creation of the necessary legislation, which is still missing in the Czech Republic," says **Dan Kurucz, Managing Director of Alstom in the Czech Republic and Slovakia.***

*"We are honoured to be working with Alstom to deliver on our commitment to decarbonise transport in the Czech Republic with low-carbon hydrogen. We will use our expertise as the world's largest hydrogen producer and are ready to invest in building hydrogen infrastructure to kick-start the use of low-carbon hydrogen in practice. Together with Alstom, we believe we can build a working network of hydrogen trains that will demonstrate that hydrogen is the ideal propulsion for non-electrified lines. And that the operation of hydrogen trains is absolutely environmentally friendly and safe and, in the medium term, economically viable," commented **Vlastimil Pavlíček, Business Development Director New Technologies, CE&CIS subregion Air Products.***

Alstom was the first company in the world to put a hydrogen passenger train into service in 2018 in Germany. Since then, it has been tested in Austria, the Netherlands, Sweden and Poland, and purchased by France and Italy. Alstom presented the hydrogen train in the Czech Republic and Slovakia during its Railshow which occurred on 17-25 May 2022.

As the world's largest hydrogen producer, Air Products is taking major steps to accelerate the energy transition. In the Czech Republic Air Products operates in the field of production, supply and storage of technical gases and advanced technologies, including hydrogen and hydrogen filling stations. As part of its activities, Air Products also focuses on new ways of using hydrogen in the field of propulsion of all types of transport vehicles, including rail vehicles. Air Products also participated in the presentation of the Coradia iLint train in the Czech Republic, more specifically refilling the train with hydrogen from a mobile refuelling station.

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**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 11<sup>th</sup> 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](http://www.alstom.com) for more information.

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