

Alstom's Coradia iLint successfully travels 1,175 km without refueling its hydrogen tank

- **Serial Coradia iLint travels 1,175 kilometres without stopping to refill its hydrogen tank**
- **Emission-free journey from Bremervörde to Munich Main station**
- **New global milestone for clean, alternative drives in rail transport**

16 September 2022 – Alstom, global leader in smart and sustainable mobility, has demonstrated the effectiveness of its hydrogen powered solutions for long distance transportation. During a long-distance journey, an unmodified serially-produced Coradia iLint train covered 1,175 kilometres without refuelling the hydrogen tank, only emitting water and operating with very low levels of noise. The vehicle used for this journey comes from the fleet belonging to LNVG (Landesnahverkehrsgesellschaft Niedersachsen), the transport authority of Lower Saxony, and has been in regular passenger operation on the network of evb (Eisenbahnen und Verkehrsbetriebe Elbe-Weser GmbH) since mid-August. For the project, Alstom also partnered with the gas and engineering company Linde.

“We are pleased to be leading innovation in this area as the first railway manufacturer in the world to offer a passenger train based on hydrogen technology. With this journey, we have provided further proof that our hydrogen trains have all the prerequisites to replace diesel vehicles,” said **Henri Poupart-Lafarge, CEO and Chairman of the Board at Alstom**. “We are immensely proud of the pioneering work we have done in introducing hydrogen to rail transport.”

Starting in Bremervörde, the route took the Coradia iLint across Germany. From Lower Saxony, where the hydrogen train was built and developed by Alstom, it travelled through Hesse to Bavaria, all the way to Burghausen near the German-Austrian border before coming to a stop in Munich. Following this remarkable journey, the train will now head for the German capital. Several trips through Berlin are on the agenda as part of InnoTrans 2022, the premier International Trade Fair for Transport Technology, to be held from 20 to 23 September.

There is great international interest in sustainable mobility. In addition to the contract with LNVG for 14 Coradia iLint trains for operation in Lower Saxony, Alstom has been commissioned to supply 27 Coradia iLint trains for use in the Frankfurt metropolitan area. Outside Germany, Alstom is building 6 Coradia Stream hydrogen trains in the Italian region of Lombardy, with an additional option agreed for eight more vehicles.

Find more information on the record-breaking journey here: <https://www.alstom.com/alstom-coradia-ilint-distance-run>

About the Coradia iLint

The Coradia iLint is the world's first passenger train to run on a hydrogen fuel cell that generates electrical energy for propulsion. This completely emission-free train is quiet and emits only water vapour and condensation. The Coradia iLint features several innovations: clean energy conversion, flexible energy storage in batteries, and intelligent management of motive power and available energy. Specifically developed for use on non-electrified lines, it enables clean, sustainable train operation while maintaining high performance. On evb's network, the train travels at speeds of 80 to 120 km/h, with a maximum speed of 140 km/h.

The iLint was designed by Alstom teams in Salzgitter (Germany) and in Tarbes (France). The project benefits from the support of the German government and the development of the Coradia iLint was funded as part of the National Innovation Programme for Hydrogen and Fuel Cell Technology (NIP) by the German government.

The Coradia iLint is the 2022 German Sustainability Design Award recipient. The award recognises technical and social solutions that are particularly effective in driving the transformation to sustainable products, production, consumption, or lifestyle in line with the United Nations' 2030 Agenda.

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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 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.

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