

## **Alstom's Coradia iLint, the world's first hydrogen-powered train, has won the 2023 Environmental Sustainability CUTA Award**

- Canadian Urban Transit Association (CUTA) Awards celebrate the achievements of individuals and organizations that go above and beyond to innovate transit
- Alstom's Coradia iLint has won CUTA's 2023 Environmental Sustainability Award
- The Coradia iLint is the first hydrogen-powered train to have carried passengers in the Americas

**20 November 2023** – Alstom, a global leader in smart and sustainable mobility, is pleased to announce that it has won the Canadian Urban Transit Association's (CUTA) Award for Environmental Sustainability. Alstom's Coradia iLint hydrogen-powered train was the first hydrogen-powered train transporting passengers in all of North America. It carried more than 10,000 passengers in a demonstration project in Quebec from mid-June to the end of September 2023 on the Réseau Charlevoix rail network along the Saint-Lawrence River.

Michael Keroullé, President Alstom Americas, said, "This summer, we demonstrated that hydrogen trains can be an attractive, safe and viable alternative to diesel on non-electrified lines and that Alstom can do it right here in North America. We proudly accept the 2023 CUTA Environmental Sustainability Award, and thank the association for helping elevate transit innovation and excellence in Canada."

Using Alstom's green hydrogen-powered train on this route helped save approximately 8,400 liters of diesel and averted 22 tons of CO<sub>2</sub> direct emissions, compared to the diesel trains that normally service this route. During the demonstration project, Alstom and its partners, have laid the foundation of a comprehensive, safe and efficient hydrogen ecosystem for the heavy transportation sector in North America, from production to refueling to operation. This is the first project from the Americas Innovation Center bringing thought leadership, as well as technical, operational and regulatory expertise on green propulsion solutions.

In addition, Alstom and its partners welcomed 34 commercial, governmental and regulatory delegations from all over North America to experience this hydrogen-propulsion technology, setting the stage for wider implementation of green transit across North America.

Alstom also received a second CUTA Award, for the Rainbow Train, a virtual pride parade, the first ever awarded in the Equity, Diversity, and Inclusion category.

### **About the Coradia iLint**

The Coradia iLint is the world's first passenger train powered by a hydrogen fuel cell, which produces electrical power for traction. In operation, this train emits no CO<sub>2</sub> and exhausts only water and is special for its combination of different innovative elements. Specifically designed to non- or partially electrified lines up to 1,000 km, it enables clean, sustainable train operation while ensuring the highest levels of performance. In Quebec, the demonstration project was made possible thanks to a partnership between Alstom, which supplied and maintained the trains, Réseau Charlevoix / Train de Charlevoix who made their teams and tracks available, Harnois Énergies, which provided green hydrogen, HTEC, which

implemented the mobile hydrogen charging solution and Accelera by Cummins, which supplied and maintained the fuel cell during the pilot. The project was also authorised and supported by the Government of Quebec. Alstom is partnering with the Hydrogen Research Institute of the Université du Québec à Trois-Rivières to analyse the results of the demonstration project and will issue a final report for public authorities in early 2024.

### **About CUTA**

CUTA is the collective voice of the transit industry in Canada. Its membership includes Canadian transit systems, private transportation operators, manufacturers, suppliers, as well as transit industry thought leaders and academics from across the country. CUTA's Awards Committee select transit people and projects having the greatest impact within the communities they serve.

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**About Alstom** Alstom commits to contribute to a low carbon future by developing and promoting innovative and sustainable transportation solutions that people enjoy riding. 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. With its presence in 63 countries and a talent base of over 80,000 people from 175 nationalities, the company focuses its design, innovation, and project management skills to where mobility solutions are needed most. Listed in France, Alstom generated revenues of €16.5 billion for the fiscal year ending on 31 March 2023. For more information, please visit [www.alstom.com](http://www.alstom.com).

### **Contacts**

#### **Press:**

##### **Local**

Annick Robinson – Tel.: (514) 295 7261

[annick.robinson@alstomgroup.com](mailto:annick.robinson@alstomgroup.com)

##### **HQ**

Samuel MILLER – Tel.: +33 (66) 54 74 014

[samuel.miller@alstomgroup.com](mailto:samuel.miller@alstomgroup.com)