

Alstom and NS present the Coradia Stream Intercity Next Generation train at Rotterdam Central Station

- **New train offers energy efficient, safe and comfortable transport for NS passengers while being 95% recyclable at the end of lifetime**
- **NS benefits from reliability and proven track record of Alstom's Coradia Stream family**

2 July 2022 – Alstom and NS presented the Intercity Next Generation (ICNG) trains to the Dutch public at Rotterdam Central Station over the weekend. Alstom is supplying NS, national railway operator in the Netherlands, with 79 Coradia Stream trains that can reach a maximum speed of 200 km/h. The first trains are expected to run on the Dutch national network before the end of this year. 20 additional Coradia Stream ICNG trains, which will also be able to run in Belgium, have been ordered by NS.

The new trains for NS start a new era for the Netherlands' travelling public. They benefit from the latest innovations and high comfort of Alstom's Coradia Stream family, which is a huge success throughout Europe with almost 900 trains already ordered in Denmark, Germany, Italy, Luxemburg, Romania, Spain and the Netherlands.

"The Coradia Stream are successful because they offer highly reliable, energy efficient, safe and comfortable transport for passengers. They also have an impressive availability rate of over 97% and are easy to maintain. We are proud that NS chose Alstom to help it transform rail transport across the Netherlands, and have no doubt that our trains will make a significant difference for Dutch travelers," said Bernard Belvaux, Managing Director of Alstom Benelux.

The ICNG trains designed by Alstom for NS are extremely comfortable. Alstom's teams have worked hard to integrate the latest technologies and offer an excellent on-board experience to passengers. The trains feature spacious and well-lit multi-purpose areas for reading, resting, wheelchairs and bicycles, as well as dedicated restrooms for people with reduced mobility. Passengers with reduced mobility can really enjoy travelling with the same comfort as other passengers thanks to the design of these new trains. Air conditioning, Wi-Fi, numerous charging options for mobile phones and laptops, as well as LED reading lamps also contribute to an outstanding travel experience.

The ICNG trains meet the highest standards for interoperability and are equipped with European (ERTMS) signalling systems. This allows tighter, denser and more energy-saving driving through digitally predictive signalling and driving commands, which increases the efficiency and reliability of transport, especially on highly frequented lines. With a smoother rail service overall, passengers can look forward to more frequent and safe connections.

Finally, the Coradia Stream ICNG train is a step further towards sustainable mobility, which is one of Alstom's main global objectives, as over 95% of its components are recyclable. The train is also equipped with a modern traction system that allows regenerative braking, where the motion of the train is harnessed to power the brakes, which can save as much as 35% of a train's energy consumption, not to mention saving on wear-and-tear on train wheels. Thanks to improved aero-acoustic design, the use

of components with reduced noise emission and bogies with pneumatic suspension, the ICNG train also reduces inside and outside noise, which contributes to both environmental protection and improved passenger comfort.

[Click here for an interactive journey aboard a virtual ICNG train at Rotterdam Central 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 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.

Contacts

Press:

Corporate

Samuel MILLER - Tel.: +33 (0)6 65 47 40 14
samuel.miller@alstomgroup.com

Benelux

Sonia THIBAUT - Tel.: +32 (0)473 933 873
sonia.thibaut@alstomgroup.com