

Alstom's new-generation Citadis tram welcomes its first passengers on line T1 of the Île-de-France Mobilités network

- 37 Citadis trams, operated by RATP and 100% financed by Île-de-France Mobilités, are gradually being brought into service on line T1, the oldest tram line in Île-de-France.
- Known as TW20, this modern, comfortable and 100% accessible tram offers a completely new travel experience for users of the T1 line and will increase capacity by 15%.
- It features a new pivoting bogie under the driver's cab, which minimises the space between the doors and the platforms and improves on-board accessibility.
- It is designed and assembled in France, with contributions from eight of Alstom's sixteen sites in France.

10 December 2024 – Alstom, global leader in smart and sustainable mobility, welcomes the entry into service of the new-generation Citadis tram on line T1 of the Île-de-France Mobilités network, which runs between Asnières-sur-Seine and Noisy-le-Sec station. This modern, comfortable tram, known as TW20, is gradually replacing the oldest trams on the network, some of which being in service since 1992.

“The entry into service of the TW20 on the T1 line represents a major step forward for mobility in the Île-de-France region,” said Frédéric Wiscart, President of Alstom France, adding: “This resolutely modern, state-of-the-art tram will transform travel conditions for thousands of Parisians who use it daily. This achievement testifies to the commitment of Alstom's teams, who continue to innovate to meet the needs of passengers while contributing to a more sustainable mobility”.

A concentration of innovations for the well-being of travellers

With a length of 33 metres and a width of 2.40 m, the new trams can accommodate up to 200 passengers, 15% more than the rolling stock currently in service on line T1. They have six 1.30 m double doors on each side, including at the ends, which makes it easier for passengers to get on and off. The new trains are also 100% accessible to all passengers. A new pivoting bogie under the driver's cab minimises the space between the doors and the platforms and improves on-board accessibility for people with reduced mobility at all stations, particularly at the ends of the tram.

To enhance passenger comfort, the trams are air-conditioned and equipped with a high-performance passenger information system with 20 screens spread throughout the tram, representing a level of passenger information never seen before on a tram. The dynamic information system will be complemented by interior and exterior lighting and audio information. With 32 USB sockets, the trams will also be able to recharge mobile devices. Finally, a video protection system will ensure passenger safety.

Trams that consume less energy and are more environmentally friendly

While offering more services such as air conditioning and dynamic passenger information, these trams will also reduce energy consumption of the traction system by at least 30% compared with current rolling stock, thanks to a new engine providing greater efficiency.

Energy consumption is also optimised by effective management of climatic comfort and 100% LED lighting.

These trams are eco-designed (recyclability up to 95% and recoverability up to 99%).

Trams offering optimum availability

The innovative features of the Citadis trams for the T1 line also benefit the operator and make maintenance easier. Maintainability requirements have been considered, with a reduced number of spare part references, improved accessibility of components, and sensors distributed throughout the tram to enable real-time diagnosis of the equipment, making it possible to anticipate and optimise downtime and offer optimum availability.

Eight French Alstom sites contribute to the new tram for line T1

Eight of Alstom's sixteen sites in France are involved in the manufacture of these trams:

- La Rochelle, for design and assembly;
- Ornans, for traction motors;
- Le Creusot, for motor bogies;
- Tarbes, for the circuit-breaker box;
- Valenciennes Petite-Forêt, for the design of the interior fittings;
- Villeurbanne, for on-board electronics and cyber security;
- Aix-en-Provence, for tacho centres
- and Saint-Ouen, for design.

To date, Alstom has sold more than 3,000 Citadis trams to 70 cities in 20 countries around the world (including 25 cities in France). Citadis trams have covered more than one billion kilometres and carried 10 billion passengers since the first tram entered service in 2000.

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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 64 countries and a talent base of over 84,700 people from 184 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 €17.6 billion for the fiscal year ending on 31 March 2024.

Its 12,000 or so employees in France have the know-how to serve French and international customers. Around 30,000 jobs are generated in France by its 4,500 French suppliers.

For more information, please visit www.alstom.com.

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