

Alstom's "lumière" tram is now in service on the Line T10 of the Île-de-France Mobilités network

- 13 latest-generation Citadis trams, environmentally-friendly and 100% accessible to people with reduced mobility, entered commercial service on Line T10
- A new, reliable, comfortable, and modern transport service for the residents of Hauts-de-Seine
- A tram with an elegant, refined design, accentuated by a lighting signature throughout the tram

24 June 2023 – The "lumière" tram, from Alstom's Citadis range, has entered commercial service on the new T10 tramway line, which now links La Croix de Berny (Antony) to Jardin Parisien station (Clamart) in 20 minutes, via Châtenay-Malabry and Le Plessis-Robinson, in the south of Paris. This new line, almost 7 km long and serving 13 stations, will accommodate almost 25,000 passengers a day.

For Line T10, Alstom is supplying 13 Citadis X05 trainsets, each 45 metres long and able to carry up to 314 passengers.

The launch comes just over two years after the first "lumière" tram on the Line T9 entered service, in the Spring of 2021.

In November 2016, Île-de-France Mobilités, the Île-de-France transport authority, which is financing 100% of the rolling stock, with Transamo, the project management agent for lines T9 and T10, chose Alstom to design and supply the trams for lines T9 and T10. The first order was for 22 Citadis trams for Line T9. In May 2021, a further 13 trams were ordered for Line T10, bringing the total number of trams ordered for lines T9 and T10 to 35.

Delivery of the trams for Line T10 began in August 2022 and was completed in April 2023, on schedule.

"We are delighted to see the arrival today of the Citadis "lumière" tram on Line T10 and to offer a new, reliable, comfortable, elegant, and modern transport solution to the residents of Hauts-de-Seine. As well as celebrating another successful milestone for this project, I would like to pay tribute to our employees and their commitment, who have enabled us to deliver this new project on time and to the level of quality expected by our customers and passengers," emphasises **Jean-Baptiste Eyméoud**, President of Alstom France.

An innovative design, accentuated by a lighting signature throughout the tram

The collaboration between Alstom's Advanced & Creative Design teams, the Design agency Saguez & Partners¹ and the Île-de-France Mobilités design teams resulted in the sleek "lumière" tram on lines T9 and T10. It stands out by its elegant lines and is accentuated by a signature lighting that runs

¹ <http://saguez-and-partners.com/>

throughout the vehicle, inside and out, and which was chosen from three variants proposed to the people of Île-de-France during a public consultation.

Beyond the aesthetic aspect, this signature is also practical: a line of red light illuminates when the doors close, a line of green light when they open, and a continuous line of white light when the tram is moving.

A modern, accessible, and sustainable tram

This tram has 8 double-leaf doors per side, as well as wider, illuminated intercirculations that facilitate traffic flow and increase the passenger exchange rate². It has 45% glass surfaces, 100% LED lighting, 8 extra-large multimedia screens for the dynamic route planner, USB sockets and bench seats.

This new version of the Citadis range highlights the features that have made it such a success: an integral low floor offering level access throughout the tram and easy access for people with reduced mobility, particularly wheelchair users.

This tram is energy-efficient, thanks to improved energy consumption for traction and auxiliaries (100% LED lighting and air conditioning offering -25% and -15% energy consumption, respectively³). The overall cost of preventive maintenance has been reduced by 18%⁴. Materials are 99% recyclable.

These trams were designed and manufactured at Alstom's La Rochelle site, the world centre of excellence for Alstom tramways. In total, eight of Alstom's sixteen sites in France were involved in the tram's design and manufacturing: La Rochelle for development and assembly, Ornans for motors, Le Creusot for bogies, Tarbes for modules and equipment, Valenciennes for the interior and service activities, Villeurbanne for onboard electronics, Aix-en-Provence for tachometer generators, and Saint-Ouen for design.

The "lumière" tram is based on Alstom's range of Citadis trams, benefiting from the experience of more than 3,000 trams already ordered in 70 cities and 20 countries around the world. Citadis trams have already covered more than 1 billion kilometres and carried 10 billion passengers since the first tram entered service in 2000.

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² Interchange rate: ratio that measures the sum of passenger door openings and the total length of the passenger zone for the face of a tram.

³ Compared with the previous generation of our Citadis X02 trams

⁴ Compared with the previous generation of our Citadis X02 trams

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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.

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