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## **Alstom to deliver 31 trainsets of its new Citadis Dualis model to SNCF, for a total amount of 100 million euros**

SNCF, France's national railway company, has ordered 31 trainsets of Alstom's new Citadis Dualis suburban tram-train, worth a total of 100 million euros. 24 of the trainsets are destined for the Rhône-Alpes region and 7 will be used in the Pays-de-la-Loire region. The order includes a conditional option of 169 trainsets, of which some would be supplied to the regions of Alsace and Ile-deFrance regions, which would ultimately bring the order to 650 million euros.

This order is a world first for the completely new Dualis model of tram-train developed by Alstom. Designed to meet the need for greater fluidity between urban and suburban transport, Dualis operates the link between a city's centre and its suburbs, without the need for off-loading, by reconciling the advantages of the train and the tramway.

Based on Alstom's Citadis tramway, the Dualis version employs the fundamental elements that have contributed to that model's success: modularity, accessibility, reliability. But Dualis goes even further as it is just as capable of operating on a tramway network as on a regional rail network thanks to adaptations incorporated in terms of power, safety and comfort. This configuration makes it a highly versatile means of transport: its tram build enabling it to run through the city, while its performance as a train allows it to transport passengers at over 100km/h once on the outskirts of town, without the need to change the means of transport.

The tram-train concept was initially developed in Germany, where Alstom has put into service its Regio Citadis model, in Kassel. The Citadis range therefore enables Alstom to respond to the extension of tramway networks to city suburbs with Citadis Dualis and to the penetration of regional lines into urban spaces with Regio Citadis.

Developed at Alstom's Valenciennes site in France, the first Citadis Dualis trainsets should enter service in January 2010 on the Nantes network and, in March 2010, on the Lyons network.

To date, 930 Citadis tramsets have been ordered by 24 cities around the world and another 30 cities have a tramway project scheduled for the next 3 years. Tramways are now well on their way to becoming the urban transport solution of choice because they make it possible to offer sustainable mobility, to rethink and re-energize urban space, to preserve architectural heritage and contribute to city growth.

### **Press contacts**

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## **Technical characteristics:**

- **Modularity**
  - 3 lengths: 33m, 42m, 52m
  - 2 widths: 2.40m, 2.65m
- **Capacity**
  - Periurban configuration: 220 passengers of which 95 seated (42m-long, 2.65m-wide version)
  - Suburban configuration: 240 passengers of which 80 seated (42m-long, 2.65m-wide version)
- **Tramway network – suburban network compatibility**
  - 3 types of power supply depending on the network: 25kv-750v / 1,500v-750v / diesel-750 v
  - Railway signalling allowing an evolution towards European ERTMS standards
  - Wheels adapted to tramway rails and to regional train rails
- **Comfort et accessibility**
  - Customisation of interior outfitting
  - Integral low floor and special zones for wheelchairs
  - Video-surveillance and real-time information
  - WiFi multimedia-ready trainsets