

## PRESS RELEASE

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### Keolis takes a new step in its development in China, with the launch of the Jiaxing tram network

- On 25 June 2021, Shanghai Keolis<sup>1</sup> started operating and maintaining Jiaxing's tram network, the first of its kind in the coastal province of Zhejiang, south-west of Shanghai. Awarded in October 2020, this is the Group's first contract outside Shanghai.
- Following a full year of construction of the network and trams under Shanghai Keolis' supervision, the first line opened to the public will enable the city's 4.65 million inhabitants to travel 11 kilometres between the Jiaxing South high-speed railway station and the city centre.
- By the end of 2021, the catenary-free Jiaxing tram network, with its fully dematerialised ticketing system, will include two lines totalling 15.6 km-long.
- This launch consolidates Keolis' position as the world leader in tram operations and maintenance, with 27 networks worldwide, and strengthens its position in China, where the group has been present since 2014.

#### Launch of the first tram line in the province of Zhejiang

On 25 June 2021, Shanghai Keolis' joint venture, Shenjia<sup>2</sup>, welcomed the first passengers onboard the first tram line in the city of Jiaxing, in the coastal province of Zhejiang south of Shanghai.

The launch followed the award of a 5-year operations and maintenance contract by the Jiaxing Public Transport Authority on 15 October 2020. This is the first tram network in the province of Zhejiang, which is home to 57 million people, who will now be able to enjoy safe, smart and sustainable travel in the city of Jiaxing, thanks to this new mobility solution.

With its 11 stations, the city's first 11-kilometre line carries more than 20,000 passengers per day and brings the Jiaxing South high-speed railway station to within 35 minutes of the city centre. The mobility offer will be further developed by the end of 2021 with the opening of a second line, forming a network covering 15.6 kilometres in total with 26 stations. A third line is planned for 2023, creating a 35.7-kilometre network with 55 stations.

Between April and June 2021, Shanghai Keolis conducted a successful 3-month trial phase in order to prepare the commissioning of the network and achieve operational excellence right from the start.

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<sup>1</sup> Keolis' Chinese subsidiary held by Keolis (49%) and Shanghai Shentong Metro Group (51%)

<sup>2</sup> Shanghai Keolis (49%) and Jiaxing Rail Co. (51%)

In Jiaxing, Shanghai Keolis fulfilled its commitment to developing local talent by recruiting 200 employees, including drivers, maintenance technicians and customer service staff. They were then trained on the Songjiang tram network, operated by Shanghai Keolis in Shanghai, in order to prepare for the start-up of the Jiaxing network.

## **An innovative and digitalised tram network**

The 100% catenary-free Jiaxing network is equipped with 5G technology that enables permanent communication between the vehicles and the ground.

The 20 trams made by the manufacturer CRRC can carry 368 passengers and are fitted with batteries capable of storing up to 48 kWh of energy after a 30-second rapid charge in every station. The network is also equipped with laser radars and infrared cameras to detect obstacles, a system to count passenger flows and a system that analyses the behaviour of the drivers.

Passengers are able to buy tickets using a QR code on their smartphones.

## **Keolis reinforces its presence in China**

Shanghai Keolis was created in June 2014 and currently has 400 employees. In addition to the Jiaxing tram network, this JV also operates:

- The automated metro at Shanghai Pudong International Airport, since September 2019. This 7.8-kilometre line services all four of the airport's terminals and operates 24x7.
- The Songjiang tram network in the suburbs of Shanghai since December 2018. Completed at the end of 2019, this network now totals 31 km and 46 stations.
- The automated metro in Shanghai, since March 2018. Shanghai's first driverless, 6.7-kilometre metro line connects six overhead stations in the Pujiang district in the south of the city.

## **Keolis consolidates its worldwide leadership in tram operations**

Keolis totals 27 tram networks worldwide.

- 23 networks including: Besançon, Bordeaux, Caen, Dijon, Greater Paris (T9 and T11), Le Mans<sup>3</sup>, Lille, Lyon, Nancy, Orléans, Strasbourg<sup>3</sup> and Tours in France; and Aarhus in Denmark; Bergen in Norway; Gold Coast, Melbourne - the world's longest tram network - and Newcastle in Australia; Jiaxing and Songjiang in China, Manchester and Nottingham in the United Kingdom and Waterloo in Canada.
- Three networks are under preparation: Greater Paris (T13), Lusail (Qatar) and Odense (Denmark)
- Keolis will also take over operations of the Dubai tram network in the United Arab Emirates in September 2021,

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<sup>3</sup> Keolis provides technical assistance

## The network in figures

- **5-year** contract
- **11 km** open, **15.6 km**-long in total by the end of 2021
- **11 stations** open, **26 stations** in total by the end of 2021
- **20 trams** made by CRRC
- **20,000** passengers expected per day
- **200** employees

## About Keolis

Keolis is a pioneer in developing public transport systems and works alongside public authorities who want to enhance shared mobility systems to grow the appeal and vitality of their regions. A world leader in operating automated metro and tramway systems, Keolis and its partners and subsidiaries Kisio, EFFIA, Keolis Santé and Cykleo support the core business with innovations offering new and bespoke shared mobility solutions for modes including trains, buses and coaches, trolleybuses, shared car solutions, river and sea shuttle services, bike share services, car sharing, fully electric driverless shuttles and urban cable cars. In France, Keolis is the second largest provider of parking management solutions through its subsidiary EFFIA, and the country's leader in medical transport since the creation of Keolis Santé in July 2017. The Group is 70%-owned by SNCF and 30%-owned by the Caisse de Dépôt et Placement du Québec (Quebec Deposit and Investment Fund), and employs 68,500 people in 16 countries. In 2020, it posted revenue of €6.1 billion. In 2019, 3.4 billion passengers used one of Keolis' shared mobility services. [www.keolis.com](http://www.keolis.com)

\* Australia, Belgium, Canada, China, Denmark, France, Germany, India, the Netherlands, Norway, Qatar, Senegal, Sweden, the United Arab Emirates, the United Kingdom and the United States.

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