

Jiading leads the way for ICV road testing

Hu Min

TWO expressway sections in Jiading District are now open for road testing of intelligent connected vehicles.

The two sections consist of 21.5 kilometers on the G1503 Shanghai Ring Expressway and 19.5 kilometers on the G2 Beijing-Shanghai Highway.

So far, the district has opened roads with a testing mileage of 1,117 kilometers for the testing of ICVs, accounting for nearly 62 percent of all roads used for testing in Shanghai with 230.6 kilometers of roads and 287 road intersections already experiencing smart-oriented renovations.

"The cars are able to change lanes and make detours in response to emergencies such as breakdowns of other vehicles," said Lin Tailai, vice president of Alibaba-linked autonomous driving unit AutoX.

Their speed should range between 80 and 100 kilometers per hour on expressways, he added.

The district has more than 700 intelligent connected taxis, buses, and sweeping and delivery vehicles in operation.

Last year, the city's production of automobiles amounted to 3.02 million, accounting for 11.5 percent of the nation's total, among which 990,000 were new-energy cars, or 14 percent of the nation's total.

ICVs generally refer to cars that utilize sensors and telecommunication technology to activate artificial intelligence. Equipped with advanced sensors, controllers, actuators, and other devices, these vehicles integrate superior communication and network technology to achieve intelligent interaction among vehicles, people, roads and operating backgrounds.

There are a total of 926 roads in the city available for intelligent travel, according to the city's transportation officials. Their ultimate aim is to achieve safe driverless operation in the near future.

Bonded leasing business enjoys early success at zone

Li Huacheng and Li Xinran

A TRUCK carrying 3,200 tons of crawler crane components, worth nearly 100 million yuan (US\$14.3 million), passed the checkpoint on April 7, signalling success in the first practice of the bonded leasing business in the Shanghai Jiading Comprehensive Bonded Zone.

The crane is about 6 meters high and imported from Germany. Shanghai Ouxing, a Jiading-based storage and transportation firm, leased the equipment from Dubai, United Arab Emirates, and handled

import customs clearance process for a subsidiary of Sinopec through bonded leasing. After dismantling, the large equipment will be transported to the construction site where it will be installed and put into use.

"Due to the high cost of equipment and import taxes and fees, there is very little demand for such cranes in the domestic market," said Lu Ye, deputy general manager of Shanghai Ouxing. "However, enterprises can save nearly 90 percent by utilizing bonded leasing through installment rental payments."

"Our bonded leasing business revitalized resources in the

comprehensive bonded zone and offered a new model for domestic enterprises to deploy advanced overseas equipment," said Yang Lifeng, general manager of Jiading Comprehensive Bonded Zone Co.

In the next step, the zone will continue to promote business innovation and accelerate the construction of the bonded racing car service center.

Additionally, the zone plans to enhance the volume of bonded maintenance business by attracting more enterprises to run their business there. They will also complete the construction of bonded artwork warehouses and promote the exchange of bonded artworks and cultural relics, according to Yang.



Companies can save nearly 90 percent on their import tariff and value-added tax by making use of the bonded leasing model. — Li Huacheng

Teaming up for smart transportation

Ding Yining

JIADING District and leading AI and smart mobility service provider, Baidu, have strengthened their partnership for smart transportation and urban management.

The latest collaboration allows the two parties to accelerate the development of intelligent and connected vehicles and smart urban governance solutions in Shanghai.

The two sides will leverage existing car, road, and city transportation data in the district to strengthen data sharing. They will also utilize Baidu's abilities in data processing and AI modeling to create a role model for digital urban governance, thereby improving quality and efficiency.

Li Zhenyu, president of Baidu's intelligent driving group, stated that

the company plans to implement the latest AI solutions and service models in the district to drive industry upgrades.

Over 20 automobile companies received ICV road-testing approvals. More than 700 cars, including intelligent connected taxis, buses, sweeping and delivery vehicles, have carried out relevant tests and pilot operations in the area.

NIO opens first third-generation battery swap station



NIO owners try the third-generation battery swap station on the first day of its operation. — Li Pin

Li Pin and Li Xinran

THE first third-generation battery swap station of China's premium electric car startup NIO was opened at the NIO Nanxiang vehicle delivery center in Shanghai last month.

Compared to a second-generation station, the newest outlet can cut the process time by 20 percent and increase the service capacity by 30 percent.

It takes approximately 4 minutes

and 40 seconds to complete the battery swapping process.

"I spent less time completing a power swap," said Qu Meng, a NIO owner. "Moreover, this station is very close to my home, which is more convenient for me."

The newly opened station in Nanxiang marks the beginning of NIO's expansion of its third-generation battery swap stations across the city.

"This year, we plan to add over 60 third-generation battery swap

stations in Shanghai," said Kang Kai, general manager of NIO Shanghai.

"To further improve site selection efficiency, we have also invited car owners to make recommendations about future station locations through the NIO app."

In Jiading District alone, NIO has announced plans to open at least five third-generation battery swap stations, covering locations such as Anting Town, Jiading Old Town and Jiading New City.