嘉定報

Action plan secures Jiading's place in intelligent connected vehicle industry

Li Huacheng and Li Xinran

A THREE-YEAR action plan to build Jiading District into a world innovation high ground for intelligent connected vehicles was unveiled in the suburban district on March 21.

The plan proposed to achieve a value of 300 billion yuan (US$46.6 billion) in the ICV related industry in Jiading by 2025.

The district aims to create a group of internationally competitive ICV leading enterprises and build a globally leading ICV innovation high ground in industrial manufacturing, scientific and technological research and development, data application, industry exchange, cultural integration, as well as talent cultivation.

The plan clarified the district's global leadership in innovative applications and core technologies in terms of industrial scale and accurately empowering data.

It also formulated five major actions and 21 measures to promote the continuous growth of new driving forces for the development of the automotive industry, maintain the leading advantage of ICV, and create a world-class intelligent connected vehicle ecosystem.

Particularly in the field of industrial manufacturing, the action plan proposed to develop 20 globally competitive intelligent connected vehicle products by 2025, create 10 well-known mass-produced products with global influence, independently develop 20 core automotive chips, and realize the mass production of 20 software products in the field of autonomous driving.

In terms of industrial cultivation, it would support the transformation of traditional automotive component enterprises, such as automotive chassis, steering system, braking system and automotive electronics toward the "new four modernizations" (electrification, Internet of Things, intellectualization and sharing) of the automotive industry.

Lu Tielong, director of the district economy commission, said that Jiading, as a major player, bears the mission and responsibility for Shanghai to build the city into a world-class automotive industry center.

Sun Kai, founder and chief scientist of Shanghai Hesai Technology Co Ltd, a Jiading-based LiDAR maker which went public in the United States in February, said, "When I was on a business trip to Silicon Valley, I was filled with pride when I saw that most of the autonomous cars on the street were using Hesai LiDAR.

"It was only through the excellent business environment and foundation of the automotive industry in Jiading that we had the stage to showcase our talents."

Mobileye is a global leader in camera-based advanced driving assistance systems. — Yu Chao

Mobileye's tech testing center a boon for automotive firms

Yu Chao and Li Xinran

THE Mobileye Shanghai Jiading Technology Testing Center in Malu Town officially opened in March, providing professional services to more automotive partners in China.

Mobileye, an autonomous driving technology company founded over 20 years ago, is a global leader in advanced driving assistance systems based on cameras.

At present, over 300 models from 38 mainstream auto manufacturers worldwide are using its technical services.

Covering 1,853 square meters, or equivalent to the size of four standard basketball courts, the Mobileye Shanghai Jiading Technology Testing Center consists of offices, conference rooms, a laboratory, garage, 3D printing room, tool library and other spaces.

The company conducts key technical verification and testing of advanced products and solutions within the Jiading testing center, delivering better products to Chinese partners at a faster pace.

"We believe the autonomous driving-related industry in Jiading has demonstrated a solid foundation and strong momentum, gathering a large number of autonomous driving scenarios and related companies, with very broad and promising development prospects," said Elie Luskin, vice president of Mobileye and managing director of Mobileye China.

In 2022, Mobileye partnered with 12 Chinese self-owned car brands on a total of 24 projects.

Among them, Mobileye's first partner in China, Zeekr (a luxury electric vehicle brand under Geely Group), has delivered over 70,000 Zeekr 001 electric vehicles equipped with Mobileye SuperVision. The latest Zeekr 009 MPV model is also equipped with this system.

Geely said its three other brands would deploy the system in more of their models.

Fuhua Science and Technology Innovation Base opens in Malu Town

Zhang Sichun and Li Xinran

THE Fuhua Science and Technology Innovation Base officially opened in Malu Town of Jiading District last month.

Located in the Fuhua High-Tech Park, the innovation base, with a construction area of 12,445 square meters, is a key project in the Shanghai Intelligent Sensor Industrial Park.

With the industrial Internet and smart sensors as its leading industries, the Shanghai Fuhua High-Tech Park in Jiading New City is one of the first themed industrial parks in the district.

Six intelligent manufacturing enterprises have already established their presence in the Fuhua Science and Technology Innovation Base, namely the Chipsbank Technology, Yuntong Smart Sensor, Xinju Technology, CAPT Semiconductor Technology, Nifco, and Zelin Optoelectronics. It is expected that the six firms will jointly generate an annual output of 400 million yuan (US$58.2 million).

The high-tech park will further accelerate its pace of industrial restructuring and upgrading, introduce high-end industrial functions and build an industrial Internet demonstration base focused on the intelligent sensors and industrial Internet industries, with the ultimate aim to establish itself as a demonstration zone for industry-city integrated developments boasting speed, output and efficiency.

The Shanghai Fuhua High-Tech Park in Jiading New City. — Zhang Sichun