



• An artist at work

A volunteer paints a wall in Jiading with a watertown scene. More than 40 residents, including calligraphers and painting teachers, took part in an activity which saw the wall painted with landmarks included the Confucius Temple and Nanxiang Tower. — Ran Tao

Intelligent vehicle zone agreement

Sun Ling and Qian Tong

Shanghai Economic and Information Technology Commission has signed an agreement with the Jiading District government on the construction of a National Intelligent Connected Vehicle (Shanghai) Pilot Zone, aiming to position Shanghai as a leading center in the development of the intelligent connected vehicle industry.

Jiading plans to push forward the development of new energy and intelligent vehicles during the 13th five-year period to 2020, and provide consistent support and service for the construction of the pilot zone, Zhang Xi, director

of Jiading District, said at the signing ceremony.

According to the agreement, the pilot zone will shoulder at least five national major projects and form more than 10 industry standards. The pilot zone will attract more than 100 high level talents and incubate 30 innovative enterprises with total value of 1 billion yuan (US\$147 million).

In addition, a demonstration area of 100 square kilometers on intelligent connected vehicles will be set up in the pilot zone.

The pilot zone will push forward the development of the industry, set up a platform for intelligent new energy

vehicles, promote exchanges and cooperation between home and abroad, and develop the industry at city and district level.

Six core platforms and three public service bases will be set up in the Shanghai Manufacturing Industry Innovative Center unveiled at the same time.

The center aims to be a leading global center in the area in 2020.

The pilot zone will carry out 10 key projects with a total investment of over 200 million yuan, covering V2X communications, high definition positioning, artificial intelligent and information security.

V2X sensors connect vehicles to other vehicles and infrastructure, a critical component for self-driving car functions.

Jiading plans to develop intelligent connected vehicle technology in four steps.

In the first stage, 15 kilometers of enclosed roads and 200 test vehicles will be set up.

In the second stage, 73 kilometers of roads and 1,000 test vehicles will be set up in an area of 27 square kilometers.

In the third stage, tests will be made in a demonstration area.

The fourth stage will comprise two roads connecting Anting and the Hongqiao transport hub.

Automobile industry sees a future in 3D

Lu Xiaofeng and Yang Wenjie

THE combination of vehicle manufacturing and 3D printing is set to improve efficiency in the industry.

The National Additive Manufacturing and Innovation Center and Shanghai International Automobile City has signed an agreement on in Anting, Jiading District.

The two parties plan to work together on an automobile 3D printing public platform, auto structure design and research,

composite material mold making and other research.

A National Additive Manufacturing and Innovation Center-Shanghai International Automobile City Auto Research Institute will be established in Jiading.

Automobile manufacturing with the 3D printing technology will come into effect.

Lu Bingheng, chief engineer of the research institute and academician of Chinese Academy of Engineering, and Vice

District Director Lu Zufang were at the launch ceremony.

"Current electronic vehicles all use traditional vehicle body while specific model EVs are yet to be made," said Lu. With the introduction of composite materials, the vehicle weight can be cut by 40-50 percent.

"In order to promote widespread use of new energy cars, it is a trend to make them lighter. The research institute will put much effort in this respect," Lu said.

The institute aims to build an innovation platform especially for automobile making, serving car enterprises in lowering research and development costs and improving up efficiency. The innovation on the key technologies can be expected.

The center is the only innovation institution in the field in China, devoted to solving problems in key technologies, technology spread and the initial stage of commercialization.



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CULTURE

Digging Up The Past

An archeologist recently gave a lecture at Jiading Museum on archeological findings and what they revealed about the district. Archeological work began a year after Jiading County became part of Shanghai. **Page 4-5**



PEOPLE

Li's A Time Traveler

Every day, 84-year-old Li Dalai, travels nearly two hours from his home in Hongkou District to Jiading to volunteer at a clock and watch museum in Anting Town. Clocks have fascinated him since he was a child. **Page 8**



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