

# New platforms helping private firms

Gu Xianhui  
and Tong Wangyue

Jiading District has established three service platforms to help private companies raise funds and promote industrial transformation and development.

They are the Big Data Service platform for Industry and Finance Integration, the Technological Transformation Financing Platform and the Robin Intellectual Property Banking Service Platform.

Last August, Jiading cooperated with China Construction Bank to establish a financing platform for technological transformation projects.

Through the platform, enterprises can get a credit loan of

50 to 80 percent of the total technology transformation investment at a preferential interest rate.

## Financial aid

For example, Xianghua Electronic Technology (Shanghai) Co Ltd raised 200 million yuan (US\$29.41 million) through its technical transformation projects of SiP tests and the Flip Chip camera module.

So far, the platform has loaned 543 million yuan for six projects.

The Big Data Service platform for Industry and Finance Integration is able to offer a range of 89 financial products, allowing enterprises to choose suitable products for their own

circumstances.

The platform can match the demands of enterprises with various financial products and has served 1,098 enterprises in cooperation with 31 financial institutions.

The Robin Intellectual Property Bank Service Platform is established by Nanxiang Zhidi Industrial Park between small- and medium-sized enterprises and banks to help enterprises use patents, copyright, trademarks and other intellectual properties to raise finance.

## Patent loans

Enterprises can get a patent loan with their design plans. For example, Robin platform contacted Bank of China when

Shanghai Nanrui'er Culture Communication Co Ltd was in urgent need of R&D funds. After evaluating the company's team, design plan and number of overseas orders, the Bank of China offered a loan of 3 million yuan.

At present, six banks have joined the platform and offered 9 million yuan of patent loans to five enterprises.

The platform takes two measures to lower risks.

Firstly, third-party guarantees are introduced. Secondly, the platform will provide post-loan services, set up enterprise credit records and increase loan limits for high-quality enterprises with good credit records.

# A cleaner environment after boilers are changed

Ran Tao and Tong Wangyue

THE environment for boiler workers in Jiading has greatly improved in the past few years as the district steps up efforts to promote the use of clean energy and replace coal-fired boilers.

A boiler worker surnamed He from an automobile parts company in the district is now able to take off his dust mask and cap when working after the company introduced a new natural gas boiler with a nitrogen oxide emission of 50 milligram per cubic meter.

Since the new boiler was put into use three months ago, combustion efficiency has greatly improved and pollutant discharges much less than before.

According to Jiading District Economic Commission, the district has so far upgraded and replaced more than 100 small- and medium-sized boilers and 500 more boilers are to be upgraded by September 30, 2020.

To tackle severe air pollution, Shanghai implemented the Emission Standard of Air Pollutants for Boilers on July 6 last year.

According to the new regulations, the nitrogen oxide emission of boilers should be lower than 150mg per cubic meter before September 30, 2020. After October 1, 2020, nitrogen oxide emissions must be lower than 50mg per cubic meter.

"Only by continuously raising emission standards and preventing pollution at its sources can we improve the quality of the atmospheric environment," said a commission official.

Nitrogen oxide emissions can also be reduced by upgrading burners. Last year, Yingyuan Garden Hotel invested more than 700,000 yuan (US\$102,941) to transform the burners in three natural gas boilers.

"It is much more convenient than before to monitor the steam pressure, water level and electric current," said a technician.

Yan Ying, deputy general manager of the hotel, said the hotel received a government subsidy after the transformation.

# Intelligent vehicles tested in Jiading

Xiao Jia and Zhang Long

SHANGHAI has opened 37.2 kilometers of trial roads for intelligent connected vehicles so far, of which Jiading has over 11 kilometers, according to a recent conference.

The conference summarized the general test results of trial roads for intelligent connected vehicles and put forward goals for 2019.

Since March 1, 2018, when licenses for intelligent connected vehicles were issued nationwide, the Shanghai Intelligent Connected Vehicle Innovation Center has been promoting the trial road for the vehicles, and it has issued seven testing licenses to automobile companies such as SAIC Motor Corp, NIO, BMW, Momenta and TuSimple.

The 37.2-kilometer trial roads have produced testing distances of 23,158 kilometers and 1,031 hours of testing time. During the time there were zero traffic accidents or violations.

The center has established a complete intelligent connected vehicle road testing system and formed a closed area testing system, which has completed more than 10,000 road trials.

The center has also established a platform to analyze the connected vehicle data, operation and management. It has put in almost 4 million items of test data and a complete workflow of the intelligent connected vehicle road testing application process.

The center has docked with more than 80 intelligent vehicle companies.

Soon, testing roads and a closed testing area will be opened in the Lingang area of the Pudong New Area.



## • Car charging by phone

An electric car owner swipes his mobile phone to fuel his vehicle at a direct current charging station in Nanxiang Town, Jiading District. The station is the brainchild of British Petroleum and 66ifuel, a Chinese smart charging solution provider. 66ifuel plans to expand smart charging stations to 100 in Shanghai in two years. — Tang Min

# Shared wheelchairs trial run a success

Li Huacheng and Tom Qian

SHARED wheelchairs for adults and children, shared first-aid carts and shared multi-function chairs for companions in wards have been available at Jiading Central Hospital, making it convenient for patients.

There are 12 shared wheelchairs at the hospital's emergency department. Users can scan a QR code to rent them. First-time users need to pay 299 yuan (US\$43.97) as a deposit. Wheelchairs will be free for the

first two hours each day. After two hours, it costs 1 yuan for every 10 minutes with a daily cap of 50 yuan.

The wheelchairs are lighter and more flexible than the normal ones on the market.

After a successful test run at Jiading Central Hospital, shared wheelchairs have been made available at 11 hospitals across Shanghai, including Shanghai No. 6 People's Hospital, East Branch of Renji Hospital and West Branch of Huashan Hospital. And the operator has reached

agreements with 13 other hospitals.

At Shanghai No. 6 People's Hospital the wheelchairs are used more than 1,200 times a month, which means each wheelchair is rented 2.3 times a day on average.

During the test run, the operator received 4,850 orders in eight hospitals.

As some elderly people do not use smartphones or online payment, the hospitals still provide wheelchairs in the traditional way.