



The environmental meteorology monitoring screen provides real-time analysis on pollution control in Jiading. — Xi Rou

## Smart weather digital upgrade under way

Xi Rou and Li Xinran

THE Jiading District Meteorological Bureau has recently added new application scenarios, including the environmental meteorology and construction site monitoring systems, to further promote the digital upgrade of smart weather.

Notably, the release of environmental meteorological application scenario is the first of its kind in Shanghai.

On the large electronic screen at the bureau, information about greenhouse gases and PM2.5 in the district is clear at a glance, and real-time data are updated round the clock.

The bureau has launched a dynamic visual monitoring system for carbon dioxide and methane, two typical greenhouse gases, which will help meteorologists more quickly spot the meteorological conditions of the suburban district from the perspective of the atmospheric environment.

“Only with a deep understanding of it can we reduce carbon emission, which is the first step of energy conservation and emission reduction,” said Wei Xiaoli, a meteorologist with the bureau.

In addition to the screen for environmental meteorological scenes, another

screen for construction site monitoring is also a highlight of this year.

The application module collects the information of major urban construction projects in Jiading and assesses their safety and quality risk from the meteorological perspective, so as to provide decision-making support for urban operation and management departments in a timely manner.

“By combining real-time data and weather forecasts, the system can predict the risks that construction sites may encounter,” said Zhao Jiwei, another meteorologist with the bureau.

## ‘Talent Hub’ a long-term move to attract, retain qualified workers

Li Huacheng and Xiao Shi

A “TALENT HUB” opened in Jiading recently, with Lu Fangzhou, the district’s Party secretary, saying it was a local initiative to attract and retain talent.

The Shanghai Jiading Talent Hub is on Shuangdan Road and near Jiadingxincheng Station of Metro Line 11. The first phase of the project involves a 10,000-square-meter building, with the “talent hub” on the 10th floor featuring several consulting service booths, conference rooms, co-sharing spaces



A one-on-one consultation is the core of the services at the talent hub. — Li Huacheng

and office areas.

The move is part of the district’s plan to establish a long-term mechanism to explore and build a new pattern of resource-integrated talent services.

Jiading started promoting industrial and talent gathering in June. Policies include institution settlement, construction support and talent introduction incentives.

It will develop its car industry, optimize its industrial layout, and improve its industrial transformation base.

Wang Xiaoyan, director of Jiading District Human Resources and Social Security Bureau, said the district will employ the best service and policies to assist its firms and develop talent.

## New impetus for district’s precision medicine industry

Yu Chao and Li Xinran

AS an important part of the 2022 Shanghai International Biomedical Industry Week, the Jiading Precision Medicine Industry Development Conference and the 2022 Precision Medicine Industrialization (Shanghai) Summit were held on November 15.

With joint discussions on the direction of high-quality development of Jiading’s precision medicine industry, the events focused on new technologies, new models and new trends in the industry, aiming to promote academic exchanges, scientific and technological innovation and industrial cooperation in the field.



Jiading’s biomedicine is one of the three leading industries in which Shanghai is participating in global competition on behalf of the country.

Gao Xiang

Director of Jiading District

Jin Li, president of Fudan University and a member of the Chinese Academy of Sciences, pointed out that precision medicine is one of the suburban district’s key 100-billion-yuan (US\$14 billion) industries.

In recent years, the innovative achievements of precision medicine in Jiading have emerged one after another, gathering a number of leading enterprises such as the United Imaging Healthcare, and landing a couple of major projects, including the National Liver Cancer Science Center and Ruijin Hospital Tumor (Proton) Center.

Fudan University and Jiading jointly built Shanghai (Nanxiang) Precision Medicine Industrial Park in 2018 to provide an industrial base for cutting-edge scientific and technological achievements in precision medicine.

Fudan University will continue to leverage its resource advantages in scientific research, talent and medical care, and make in-depth exploration of the cutting-edge field of precision medicine, striving to make breakthroughs in key technologies and boost the innovative development of the industry.

Jiading Director Gao Xiang noted that biomedicine is one of the three leading industries in which Shanghai is participating in global competition on behalf of the country.

As a major district to facilitate Shanghai’s ambition to become a science and innovation center, Jiading has carried out a plan in accordance with the government requirements and made every effort to increase the output value of the high-performance medical equipment and precision medicine industry to reach 100 billion yuan.

Gao hoped that experts and professors, well-known entrepreneurs and investors in the biomedical field can continue to leverage their advantages and deepen sharing and exchange of resources and experiences with Jiading, and introduce more advanced theories, innovative technologies and enterprises into the district.

Nineteen agreements with a total investment of nearly 1.6 billion yuan were signed at the scene.

In 2021, the district’s total output of high-performance medical equipment and precision medicine industry reached 16.4 billion yuan, a year-on-year growth of 13.7 percent.

In the first three quarters of this year, the total output jumped 15.5 percent to 15.48 billion yuan.