

# Work on 'efficient' building begins

Yu Chao and Li Xinran

CONSTRUCTION on Shanghai's largest single "nearly zero-energy building" began in Jiading District on June 28.

A NZEB is defined as "a building with very high energy performance," where the "nearly zero or very low amount of energy required should be extensively covered by renewable sources produced on-site or nearby."

Located in Jiading New City's Jiabao Smart Bay Future City Practice Zone with a total construction area exceeding 50,000 square meters, the 600-million-yuan (US\$83 million) project is part of the chip design industrial park.

It will be developed into offices for research and development purposes mainly for innovative high-tech enterprises with great growth potential upon its completion, scheduled in 2025.

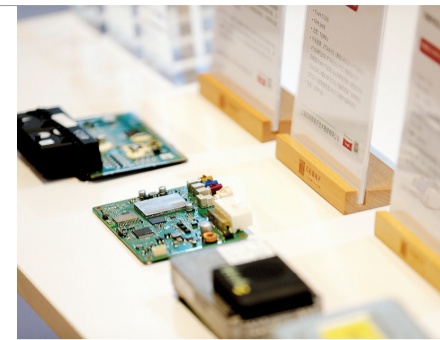
As one of the 10 demonstration zones in Shanghai's five new cities, namely Jiading, Qingpu, Songjiang, Fengxian and Nanhui, the Jiabao Smart Bay Future City Practice Zone is a benchmark project in Jiading which will be developed into a smart and sustainable community.

With a planned area of around 6 square kilometers including 5 square kilometers of forests and waterways, Jiabao Smart Bay will comprise three themed parks for chip design, intelligent connected vehicles, and semi-conductor equipment and material industries. All will be built with the aim to empower the innovation and development of science and technology enterprises.

A smart transport demonstration zone featuring a city-level intelligent road transport system will also be built in the bay, officials said at the ground-breaking ceremony of the NZEB project.



The NZEB project marks a major step toward sustainable and energy-efficient development in Jiading.



Above: New chips are on display.

Left: The 2023 China Auto Forum brings together experts and industry leaders to talk about the future of the Chinese automobile industry and how it will affect the rest of the world. — Li Huacheng

# Noteworthy developments in auto sector reviewed at forum

Li Huacheng and Li Xinran

THE 2023 China Auto Forum was held in Jiading District on July 6-7, with officials and industry experts and leaders making themed speeches and holding panel discussions on topics including "Chinese auto enterprises going abroad" and "high-level opening up."

Luo Junjie, executive vice president of the China Machinery Industry Federation, told the forum that China exported over 3 million vehicles last year, a historic breakthrough by the country. Between January and May, some 1.758 million vehicles were exported, an increase of 81.5 percent year on year. Among them, new-energy vehicles accounted for 457,000 units, a surge of 160 percent year on year, suggesting ever-increasing quality and competitiveness of China-made automobiles.

"We estimate that China's

automobile exports will reach 4 million units this year and the rapid growth momentum will be maintained for the next 10 years," said Xu Haidong, deputy chief engineer of the China Association of Automobile Manufacturers.

"In recent years, the competitiveness of China-made automobiles has greatly improved. Together with our industry-leading strength in the NEV segment, we are seeing growing popularity of Chinese automobile products in the global market."

Notably, Jiading is taking full advantage of its two city-level industrial parks, the Jiading New Energy Vehicle & Key Parts Industrial Base and the Jiading Hydrogen Port, with the latter being positioned to become a top-notch hydrogen energy player in Shanghai, as well as a leader in the entire Yangtze River Delta region.

Apart from the construction of industrial parks, which also include the Shanghai Auto Innovation Park, the suburban district began construction last year on the Shanghai Smart Vehicle Software Park and Shanghai Automotive Chip Valley.

These further promote the development of two key industries in Jiading, namely the "new four modernizations" of auto industry (electrification, IoT, intellectualization and sharing) and integrated circuits.

Jiading will continue to focus on the integrated development of complete vehicles as well as auto parts. It will leverage its existing strengths such as ample industry resources, preferential industry policies and high-quality industry services to expand further in new-energy vehicles, the "new four modernizations" and smart manufacturing industries.

# Jiading Port, Chungnam Park ink hydrogen deal

Hu Xindong and Li Xinran

THE Jiading Hydrogen Port signed a cooperation agreement with South Korea's Chungnam Techno Park in Anting Town on July 3.

Under the agreement, the two sides will form a mechanism for cooperation in the hydrogen industry, which will include information sharing, personnel communication and establishing platforms for enterprise cooperation. They will

also send officials, entrepreneurs, technicians and experts to each other's hydrogen forums and explore opportunities for cross-border investment by hydrogen enterprises from both sides.

Set up in Anting in 2019, the Jiading Hydrogen Port has evolved into a major hydrogen energy vehicle industrial cluster in China with a number of renowned industry players from both home and abroad,

including the Shanghai Hydrogen Propulsion Technology Co Ltd, Kensino, Toyota and Ballard Power System Inc of Canada operating there.

In 2022, the hydrogen port registered 9.2 billion yuan (US\$1.3 billion) in revenue and 8.9 billion yuan in industrial output.

Chungcheongnam-do Province is home to a number of leading hydrogen energy companies.