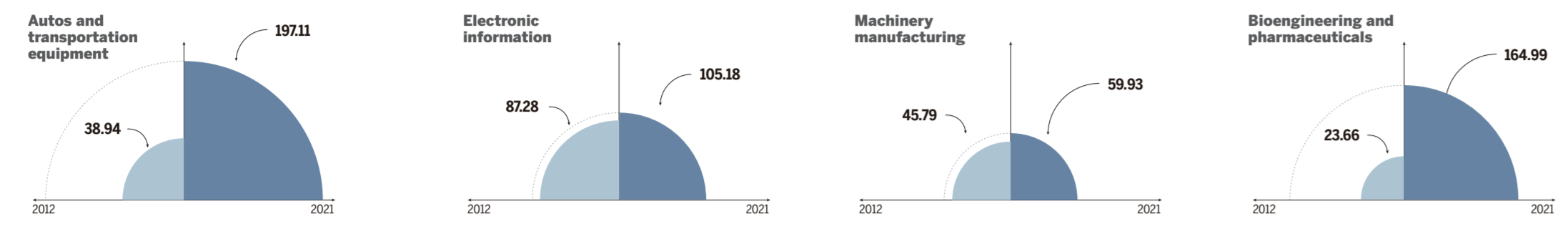


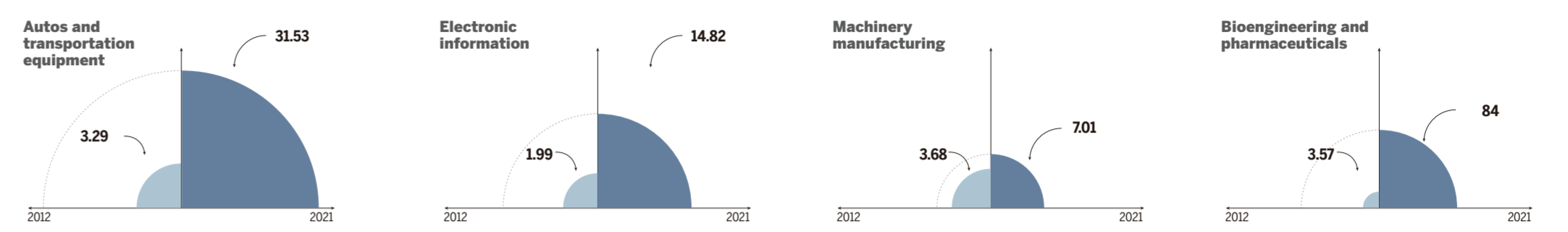
Gross industrial output value of four pillar industries Unit: billion yuan



"Beijing E-Town, as the main platform for Beijing to develop into an international center for sci-tech innovation, utilized the core technologies of major national sci-tech projects to fix weak links and achieved more 'zero to one' breakthroughs ... We have established a coordination mechanism and signed cooperation agreements with the three science cities (Zhongguancun Science City, Future Science City and Huairou Science City)."



Profits of four pillar industries Unit: billion yuan



SMART BEIJING E-TOWN



"In the last 10 years, Beijing E-Town focused on critical strategic needs, accelerated research into key technologies and achieved major breakthroughs in cutting-edge technologies and industries of strategic importance."

BEIJING E-TOWN PULLS OUT ALL THE STOPS TO ATTRACT TOP BUSINESSES

By HU YUYAN huoyuyan@chinadaily.com.cn

The Beijing Economic-Technological Development Area, also known as Beijing E-Town, has been ramping up efforts to foster strategically important industrial clusters that represent the latest in science and technology world. The goal is to build itself into a hub of high-tech industries with international influence.

Beijing E-Town saw its gross industrial output value reach close to 600 billion yuan (\$86 billion) in 2021, ranking first in the city.

High-tech industries, represented by new-generation information technology, high-end automobiles and intelligent manufacturing, contributed more than 90 percent of the gross industrial output value.

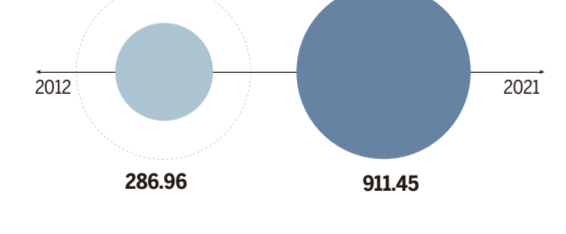
Enhanced research

At the opening ceremony of the Beijing 2022 Winter Olympic Games, an 8K, ultrahigh-definition ground display system, the largest of its kind in the world, demonstrated the abilities of Chinese technology to viewers across the globe.

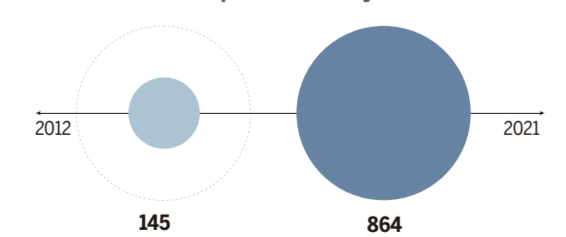
"The core technologies of the world's largest display are in our hands," said a representative of BOE Technology Group, China's leading liquid crystal display panel maker based in Beijing E-Town.

In 2021, BOE's LCD shipments for five major application scenarios, which were smartphones,

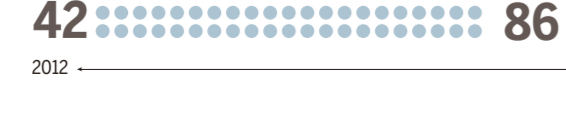
Revenue of high-tech businesses Unit: billion yuan



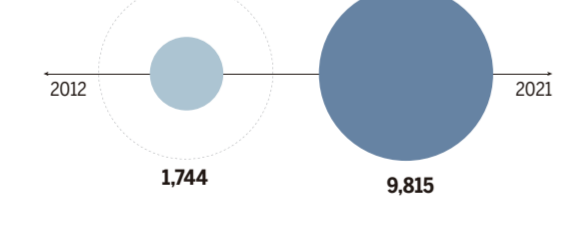
International patent applications filed via the Patent Cooperation Treaty



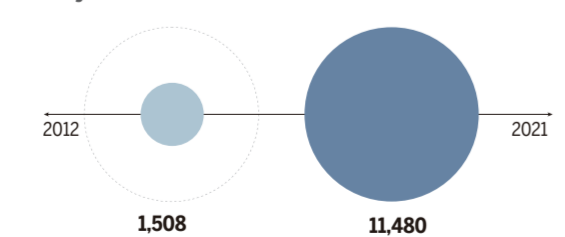
New foreign-funded businesses



Patents granted annually



Valid invention patents held by businesses



the whole city recorded in the period.

In 2021, the number of national-level "little giants" based in Beijing E-Town ranked first among more than 200 national economic development zones in the country. To be called a "little giant," a Chinese company must see a minimum 5 percent year-on-year average growth rate of its main business income or net profit in the past two years.

Intelligent manufacturing has become a "springboard" for companies in Beijing E-Town to move toward highest-end markets. And the number of representative intelligent manufacturing enterprises in the area accounts for one-third of the city total. One-third of the 265 national standards for intelligent manufacturing were originated in Beijing E-Town.

The China (Beijing) Pilot Free Trade Zone High-End Industries Area was established in Beijing E-Town. A high-quality free trade zone featuring supportive investment policies, convenient transport, smooth cross-border capital flow, friendly employment policies, and a safe and orderly flow of data is taking shape in Beijing E-Town.

The China (Beijing) Pilot Free Trade Zone is one of the "two zones" Beijing has been building for development and industrial application. The other one is the Integrated National Demonstration Zone for Opening Up the Service Sector.

"Since the establishment of the two zones, Beijing E-Town has given full play to the advantages of the policies related to the two zones' construction, while making active efforts to

integrate into the new development pattern," said an official with Beijing E-Town.

"We have improved the policy framework for high-level opening-up and we have gotten deeply involved in the restructuring of the global industrial chain and supply chain, while continuously promoting international cooperation in production capacity," the official noted.

Beijing E-Town is turning into a magnet for high-end resources from across the globe, with local industries moving toward the higher end of the global value chain.

Four new production lines of German pharmaceutical company Bayer in Beijing E-Town are under construction. When put into operation, the fully automatic high-speed production lines, coupled with fully automatic logistics systems, are set to increase production capacity by 40 percent and help build a world-class manufacturing factory.

During the past decade, an increasing number of multinationals have chosen to set up their latest and most advanced production lines in

Beijing E-Town. To date, Beijing E-Town has home to some 140 projects backed by more than 90 Fortune Global 500 companies.

Reform of government services

Beijing E-Town is the first in the city to carry out the administrative reform that involves the entire administrative management chain ranging from approval to supervision and enforcement. The move has realized "one seal for examination and approval, and one team for law enforcement" and enabled further improvement in administration efficiency. The area took the

lead citywide in carrying out reforms such as "one integrated license." That helped to create a new one-stop administrative approval service model, which features streamlined procedures, lower costs and higher efficiency.

In July, the office for the development of the two zones and the government service center of Beijing E-Town launched a one-stop service for matters related to the Regional Comprehensive Economic Partnership.

SCIENCE CITIES AMONG THOSE DRAWN BY OPPORTUNITIES TO THRIVE

By YUAN SHENGGAO

From the introduction of unmanned vehicles developed in Zhongguancun Science City to the large-scale use of independently developed flexible display technology, the Beijing Economic-Technological Development Area, also known as Beijing E-Town, is growing into a hub for the application of scientific and technological outcomes.

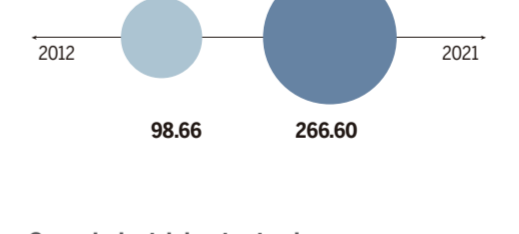
The number of valid invention patents held by companies in the area increased seven times in a decade, growing from 1,508 in 2012 to 11,480 in 2021. As of the end of last year, 675 invention patents were held for every 10,000 people in the area. This was 3.6 times the figure of Beijing city in its entirety.

Tech incubator

Research and development is key to the success of countless companies in Beijing E-Town. The R&D expenditure of prominent large and medium-sized enterprises in the area increased more than 10 times in the past 10 years.

"The number of national- and municipal-level R&D institutions based in Beijing E-Town increased from 140 to 364 between 2012-21. They include 25 national-level R&D institutions.

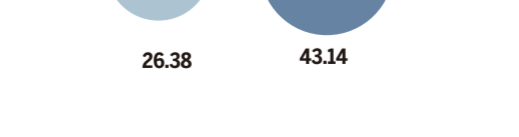
GDP Unit: billion yuan



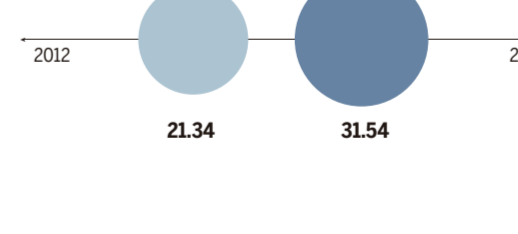
Gross industrial output value Unit: billion yuan



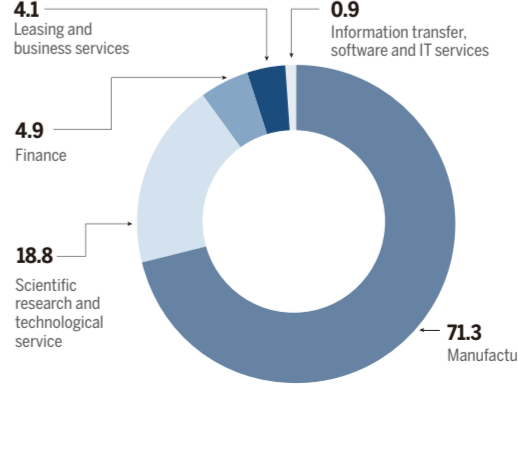
Total retail sales of consumer goods Unit: billion yuan



Foreign trade Unit: billion dollars



Constitution of paid-in foreign capital by industry in 2021 Unit: percent



sci-tech projects to fix weak links and achieved more "zero to one" breakthroughs," said an official with Beijing E-Town.

During the 10 years, 15 projects from Beijing E-Town received the State Scientific and Technological Progress Award.

Application scenarios

A type of unmanned labtest delivery vehicle, developed by Chinese autonomous vehicle producer Neolix, has been put into use in Beijing E-Town.

What attracted Neolix to Beijing E-Town, which is home to the world's first demonstration zone for high-level autonomous driving based on cloud control technologies, were the wide range of application scenarios, innovative support policies and dynamic industrial development of the area.

The wide array of application scenarios available in Beijing E-Town has also proved appealing to researchers in the three major science cities of Beijing. They are Zhongguancun Science City, Future Science City and Huairou Science City.

Researchers from those three areas are bringing their research outcomes to Beijing E-Town for development and industrial application. The resulting products and services are to be introduced to the rest of the country and the world.

Since 2017, Beijing E-Town has undertaken more than 600 sci-tech application projects from the science cities. Research institutes, colleges

and the industries of the four areas have jointly developed more than 1,200 new technologies and new products since 2017.

"We have established a coordination mechanism and signed cooperation agreements with the three science cities," said a Beijing E-Town official.

During the 13th Five-Year Plan (2016-20), Beijing E-Town undertook more than 30 national sci-tech projects, including projects under the national 863 Plan — one of China's top high-tech R&D programs.

Beijing E-Town is also contributing to the application of international sci-tech innovations. The global innovation center of Vian Medical Systems, a foreign-funded maker of devices and software for cancer treatment, will open in Beijing E-Town. Jacobus Pharmaceuticals, a Chinese company based in Beijing E-Town, has set up R&D laboratories abroad; IAT Automobile Technology, a Chinese automobile design company founded in 2007, has established wholly owned subsidiaries in foreign countries in an effort to capitalize on the world's newest technologies.

A talent structure — with academicians as the leader, members of the Jiong E-Town Talents program as the backbone, and technical and skilled workers as the foundation — has taken shape in Beijing E-Town.

"Beijing E-Town will work to become a hub for high-level talent and support multiple types of high-caliber professionals to empower its high-quality, innovative growth and to take sci-tech development to new heights," said an official of Beijing E-Town.

ILLUSTRATION BY LI KUNYUAN / CHINA DAILY