

GETTING CREATIVE GARNERS GREAT HIGH-TECH PAYOFF

By YUAN SHENGGAO

driven companies, citing a list from financial informa-Board. It was Wuxi's first integrated circuit design tion providers Cls.cn and chinastarmarket.cn. enterprise to join the board. also known as STAR Market — across Chinese city independent R&D in the field.

As of 2021, there were seven listed companies from pany. It has specialized in the field of power manage-Xinwu on the board, which accounted for 70 percent ment for nearly 20 years. Its products are mainly used of Wuxi and 9.9 percent of Jiangsu.

with a host of innovative businesses launched in the transformation and R&D platform.

company listed on the board. Founded in 1996, it has officials said. grown to be one of the leading manufacturers for Since the establishment of the Science and Techultrasonic systems. Adhering to independent research nology Innovation Board, Xinwu district has been and development, it has set up R&D centers in China improving its investment in high-tech companies and

enterprise in the district engaged in the investment. direction based on the district's foundation, the disdevelopment, operation and management of microelectronics. It was listed on the Science and Technol-cluster to cultivate six landmark industries: the interogy Innovation Board in 2020. net of things and digital industry, IC, biopharma-With a total market value of 100.2 billion yuan ceuticals, intelligent equipment, auto parts and new

(\$15.9 billion), it is the first listed company in the energy. district and the third one in Wuxi with a market value

The district will also give full play to two major exceeding 100 billion yuan. Founded in 2010, Wuxi Autowell Technology is a industries, and high-end commerce and air services key player in the photovoltaic and lithium-ion battery — and the three future industries of artificial intel-

Chipown Micro-electronics is a high-tech company, founded in 2005, engaged in analog and mixed-signal Xinwu district in Wuxi, Jiangsu province, has made integrated circuit design. In July 2020, the company progress in cultivating local high-tech and innovation— was listed on the Science and Technology Innovation

The list calculated the number of enterprises listed Wuxi Hyatech is a professional manufacturer of on the Science and Technology Innovation Board — aero engines and medical orthopedics, focusing on districts. Xinwu district ranked 10th. Etek Microelectronics is an analog IC design com-

in mobile phones and wearable devices. Xinwu district, also known as the Wuxi National Hi-Tech District, was established in 1992. It has played a of major diseases, such as malignant tumors and role in propelling innovation since its establishment, immune diseases, and has set up a leading technology

The impressive performance of these companies is Chison Medical Technologies is the first Wuxi-based linked to the services and guidance of Xinwu district,

cultivating new paths for their development. China Resources Microelectronics is a high-tech Guided by the national industrial development

service industries — the high-end software and digital industry. On May 21, 2020, Autowell was listed on the ligence, hydrogen fuel cells and third-generation semiconductors.

Modern **AGRICULTURE** A GROWING **SUCCESS**

By CAO YINGYING caoyingying@chinadaily.com.cn

Xinwu district in Wuxi has made great efforts to promote the development of intelligent agriculture and is exploring a new path for modern agriculture in southern Jiangsu province. The district reached an agreement with global hightech agricultural company Syngenta Group in January

to build an intelligent farm. According to the agreement, the project will be backed by the Xinwu district government and Wuxi Urban Construction Development Group with a 200 million yuan (\$31.46 million) investment, and is to be As the vanguard of th

operated by Syngenta Group China. district has not only a strong economy and complete Based on the business ethos of "new farming, new industry chain, but booming agricultural developlife and new model", the Future Farm project will ment. serve as a modern agricultural internet of things
The district has unique natural resources — includdemonstration base; a modern agricultural science ing 67 hectares of vineyards and 667 hectares of fertile and technology demonstration promotion base; and farmland — as well as the Jiangsu Hongshan urban a teen education and research base. agricultural ecological park and leisure, health and

The Future Farm will cover multiple application modern agricultural tourism resorts around the Taihu and experience scenarios. These include a digital plant
Lake wetland area. factory; a modern agriculture platform developed by With years of effort, Xinwu district has explored Sinochem Agriculture Holdings, which allows whole- an innovative path to integrate new technologies, process traceability; a modern agriculture platform such as IoT and big data, into traditional agricultural demonstration farm; a Syngenta-funded modern development and cultivated characteristic agricultural agricultural science and technology experience center; products such as grapes and rice. an outdoor science popularization area and a leisure
The district has attracted a number of high-tech

agricultural equipment companies, including Wuxi According to the Xinwu government, the Future Hanhe, Yanmar and Fofia. Farm project aims to transform the traditional agri-innovation and explore new approaches fit for south- digital agriculture, develop modern urban agriculture and rural revitalization. The implementation of the

Moreover, the agricultural IoT demonstration base; Future Farm project is significant to improving modthe modern agricultural science and technology demonstration and promotion base; and the teen education and research base will be open to primary and

The Future Farm will play a key role in promoting secondary schools in Wuxi, serving as an off-campus — the integration of agriculture, tourism and culture, according to the Xinwu government.

Unit: billion yuan High-tech industry's output value Unit: billion yuan Unit: billion dollars 184.55 2019 161.3 2017 1.3 2018 Paid-in foreign Unit: billion dollars

Since its inception was approved by the State Council in 1992, Wuxi National Hi-Tech District, the city's first national economic development zone, has developed into a crucial platform to showcase opening-up and attract foreign investment, and a key engine to drive growth in the local economy. The district's GDP surpassed 220 billion yuan (\$34.8 billion)

in 2021, with a year-on-year increase ranking top in the city. Emerging as a popular investment destination and building on its strength in technological innovation, the district is striving to create a high-growth modern industrial system with international influence.

innovation, coordination, environmental- industrial system with more distinctive processing, packaging and testing inno- strategy. ism, openness and sharing. features. Efforts will be made to attract vation center; a national market supervi-It also plans to play a leading role in the major projects and promote cooperation sion and technology innovation center for continue to insist on low-carbon develop-

modernization of Wuxi, Jiangsu province, with State-owned enterprises, Fortune special food; and the Wuxi special food, ment concepts and promote the green These initiatives are part of Xinwu's vate businesses. efforts to celebrate the high-tech district's This year, Xinwu plans to introduce Xinwu will pursue higher-level reform gen and other types of clean energy. 30th anniversary and welcome the 20th more than 100 projects, each with an and opening-up to set up more dynamic Investments will be made to increase National Congress of the Communist investment exceeding 100 million yuan; development mechanisms. innovation in low-carbon and zero-car-Party of China, according to the district three projects each with an investment The district hopes to launch more pilot bon technologies. Efforts will continue "In the next five years, Xinwu will focus each with an investment of over 10 bil-levels, and promote the implementation soil pollution.

on balancing development and security; lion yuan. integrating into the new growth pattern; It will also speed up the development fields of investment, management and well-being through increasing residents' supporting major strategies, such as the of some pillar industries such as the consulting, and science and technology income in the coming decade and nardevelopment of the Yangtze River Eco- internet of things, integrated circuits, services. nomic Belt and the Yangtze River Delta biomedicines, photovoltaic modules and The construction of six international and rural areas, and among industries, region; modernizing the governance equipment, and lithium batteries and cooperation bases will also be accel- A more proactive employment policy system and pursuing common prosperanode materials. erated. They include an international will be carried out to keep the registered

major targets pertaining to its social and will be intensified. As a result, Xinwu sive bonded zone. economic growth. For example, by the end of this year, intelligent demonstration workshops and up construction of the modern district is ture, tourism and businesses. its GDP is expected to increase by 6.5 factories this year. percent year-on-year; the general public Strengthening the innovation-driven conduct the infrastructure construction ment for social and economic developbudget revenue will go up by around 5.5 strategy is another focus of the Xinwu planning and evaluation project in a bid ment, the district will take regularized percent; total research and development government's work. The district will high to optimize its district functions and the pandemic prevention and control meainput will account for 4.8 percent of the light the building of Taihu Bay Sci-Tech distribution of public-service resources. sures, and become a demonstration area district's GDP; and investment in fixed Innovation City and plans to attract more It will also enhance the district's image for the development of the national pubassets will reach 84.5 billion yuan (\$13.4 than 2,000 sci-tech companies throughby forming a number of international lic security prevention and control sysout the year.

To reach these goals, Xinwu will pour It will also build a full-chain incubation distinctive architecture, complete infra-

Global 500 companies and leading prinutrition and health institute of Jiangnan and circular transformation of its indusof over 5 billion yuan; and two projects reforms at both national and provincial toward the reduction of air, water and

streets and roads with cultural assets, tem, local officials said.

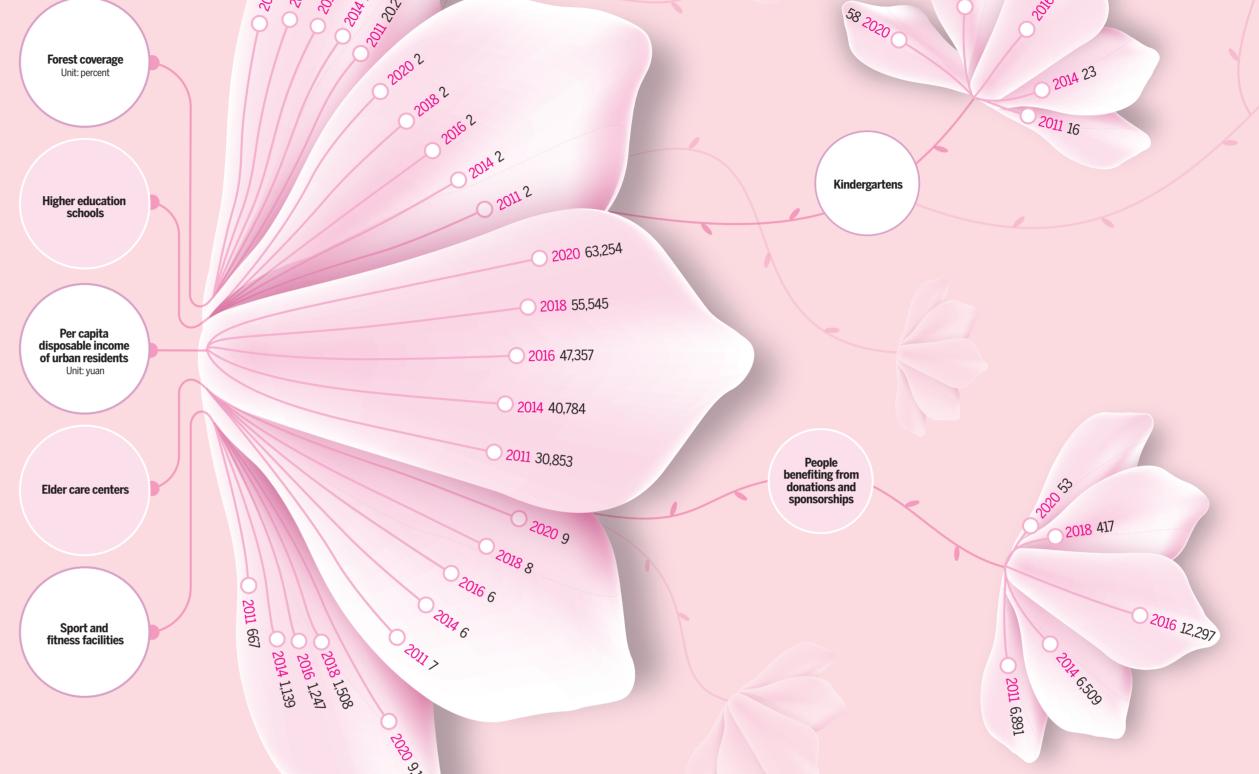
facturing with new-generation informa- international life science innovation park, cent.

the Wuxi National Hi-Tech resources into the development of seven system that will consist of mass inno-structure and standardized management District, will strive this year areas including industries, innovation, vation space, incubators, accelerators systems. to set a benchmark for high-reform and the environment. and sci-tech industrial parks; construct The district plans to develop "smart quality growth and better implement The district will continue to strength- high-level innovation platforms such as a plus green" agriculture demonstration its new development concept featuring en the real economy and construct an national integrated circuit characteristic zones to advance its rural revitalization

trial parks by using photovoltaic, hydro-

of more foreign-funded projects in the Xinwu also plans to improve people's rowing the income gap between urban

According to the district's latest gov- tion technology such as artificial intel- a China-Europe low-carbon industrial Moreover, Xinwu will build and renoernment work report, Xinwu has set ligence, 5G and the industrial internet park, and a service-oriented comprehen-vate eight kindergartens and six primary and middle schools this year, and proplans to add 50 provincial and municipal The improvement of functions to speed mote the integrated development of culanother highlight. This year, Xinwu will To create a more favorable environ-



BIOPHARMA SECTOR BRINGS CITY DOSE OF PROSPERITY

songmengxing@chinadaily.com.cn Construction began in Xinwu recently on a large-scale It has attracted noted biopharmaceutical companies biopharmaceutical innovation and incubation center, such as AstraZeneca, Nutricia, Genertec Medical and

the district's prowess in the industry. The district, also known as Wuxi National Hi-Tech Dis-

foreign companies in 2022, local officials said. instrument exhibitions, trade fairs and international The authorities plan for more regional headquarters, medical expos. subsidiaries and industrial projects to operate in the
It has organized biopharmaceutical companies to

quarters and incubation center project and some 2 billion
The center also launched promotion and discussion yuan in R&D in the first phase to build its innovative drug events with healthcare security authorities and hospitals R&D and manufacturing center.

logistics and support facilities.

and Dizal Pharmaceutical's new research and development and production headquarters in China, reinforcing A biopharmaceutical foreign trade transformation and upgrading center in the district provides a public technol-

and preparations, medical instruments and diagnostic

reagents as well as smart medical treatment and health

Zhao Jianjun, acting mayor of Wuxi, said that as the ogy service platform. It has seen the establishment of a project began in January, the city has been spurred to medical laboratory and encouraged pharmaceutical outpromote other important industrial projects. sourcing companies to set up service platforms involving trict, will implement a strategy of using industrial chains

The center has led companies to hold market expan-

to attract investment from State-owned, private and sion events and assisted them to attend national medical

attend the China International Import Expo in Shanghai Dizal Biopharmaceutical, founded in 2017 is an innovation-driven and competitive enterprise. It will invest pated in forums at the medical instrument and healthabout 1 billion yuan (\$158.2 million) in building a head-

Its goal is to have at least one innovative drug approved Among leading companies operating in the center is and put on the market in the next five years. AstraZeneca, which produces and sells nearly 40 kinds The project's second phase will expand the company's of drugs. It set up its Chinese logistics center in Wuxi commercial capacity, incubation center, R&D labs and while its supply center in the city has exported medicine

to nearly 70 countries and regions. Zhang Xiaolin, the company's president, said Dizal will Chison Medical Technologies is another representative attract partners in the fields of R&D, capital and industry company. It boasts 40 key technologies involving ultrato jointly develop a competitively biopharmaceutical sonic fields and sells its self-developed products to more

an industrial cluster focusing on innovative medicine the 14th Five-Year Plan (2021-25).

than 100 countries and regions. The high-tech district is a key area of the city's biopharmaceutical industry development. It has formed more influential in the biopharmaceutical field during

ALL-AROUND SERVICES CARE FOR THE ELDERLY

By ZHANG LINWAN

zhanglinwan@chinadaily.com.cnXinwu district in the Jiangsu city of Wuxi is improv-have lost some or all capability to take care of theming care services for the elderly to ensure their health selves. and happiness.

Xinwu is home to 91,000 senior residents, accounting professional evaluation of residents' needs and buildfor 23.88 percent of the district's registered population. ing conditions, said a representative from the bureau. One of the priorities for many community officials
If they need to use a wheelchair, all entrances and is to offer the elderly quality care services at home — steps in their house will be rebuilt. If they are bedrid-

or in their neighborhood, according to the district den, they will be offered automatic nursing beds, the representative added. government. With a combined investment of 950 million yuan Other refitted items included an anti-slip treatment

(\$150.3 million), Xinwu has built an array of elder for floors, installing handrails in the bathroom and care facilities over the past few years. These include providing assisted-living facilities such as shower chairs six home care service centers, 73 service stations and and overbed tables, according to the bureau. nine food delivery centers. Its Wangzhuang Street was honored as a provincial vated in Xinwu.

smart elder care demonstration street last year thanks "Thanks to the sensor light in the corridor, I won't to its various services that utilize advanced technology. worry about falling down when going to the bathroom For example, the street has established a big data at night," said Qian Fuzhen, a 93-year-old resident in system to monitor all its services including nursing Xinwu. She sent a silk banner to the bureau to express care, education and entertainment. Every time an her gratitude. elderly resident takes part in an activity at the local Equal attention has been given to the elderly's dinservice center, data are collected via a digital card. ing and recreation in Xinwu. The canteen in the home It not only helps enhance service quality but assists care service center on Xin'an Street serves up healthy

used to alert the front desk if users fall down or get lost. dancing and baking. puting system. Their families can keep themselves in with them.

By November 2021, 210 households had been reno-

The Xinwu civil affairs and health bureau has also

launched a house refitting project for the elderly who

The refitting scheme is customized according to a

in government regulation, an industrial expert said. dishes and delivers meals to 140 senior residents. At the Wangzhuang Nursing Home, senior citizens At the center, elderly people can participate in are provided with a smart security card, which can be courses ranging from photography and handicraft to

Meanwhile, elderly people's daily meals, medicine Community officials and volunteers also visit and health information as well as carers' work are seniors' homes to help them with housework, offer managed by different applications and a central com-



Foreign canoeists compete in a canoeing race on the Bodu River in Xinwu. PHOTOS PROVIDED TO CHINA DAILY



International school students play soccer after class in Xinwu district. WU YULUN / FOR CHINA DAILY





the International Day event at Boston International School in the district.



The Wuxi Branch of Shanghai-based Ruijin Hospital opens at Xinwu district in 2019, sharing prime medical resources from Shanghai with Wuxi and its surrounding areas.

