

Boasting the advantages of a port, Chaozhou city in South Huaying Natural Gas is also expected to boost the development "We cannot chase the economic growth at the expense of China's Guangdong province is stepping up efforts to develop of those projects that utilize cold energy. environmental pollution. That means LNG can be seen as an industrial clusters based on its coastal location.

LNG should be stored at a temperature of -162 degrees alternative clean energy for generating power and serving Located in Raoping, the only coastal county in Chaozhou, the Celsius, which places a higher demand on its storage tanks, relevant industries," he noted. Chaozhou Port economic development zone has promoted proj- the company said. ects featuring energy, logistics and food-processing industries. The project will be completed in two phases. Phase one the project here." Official data show that from January to August, a total of includes the installation of three LNG storage tanks. Each has Compared with Zhuhai and Shenzhen, the lower labor costs eight key projects in the zone at provincial and city levels accu- a storage capacity of 130 million cubic meters of gases, which in Chaozhou also help the project stay competitive among

Guangdong province. It will also transport the LNG in tank
The city has witnessed burgeoning development in the ers to rural areas and microbusinesses as well as gas stations. ceramics industry, which has a huge demand for energy, he said.

mulated an investment of 848 million yuan (\$131.25 million). It will be able to ensure a two-month gas supply for Chaozhou market players, Jia added. accounts for 73.74 percent of the zone's annual investment plan. residents, said Jia Shidong, general manager of Huaying. Listed as a national-level key energy infrastructure project, In the zone, a liquefied natural gas terminal of Chaozhou

The first phase of the project has a total investment of 7.4 the terminal will become an essential source for natural gas Huaying Natural Gas is under construction. Its development billion yuan. It is expected to supply 6 million metric tons of supply in Guangdong. It aims to help ease the rigid demand

includes a harbor, reception, processing station and large tanks. gases and generate an output value of 13 billion yuan annually for LNG and clean energy in the province, he said. According to the company, the terminal will receive LNG after being put into operation in 2023, Jia said. "Our vision is to contribute to clean energy and help with local shipped from abroad. It will supply the gases via pipelines "With a sound natural environment, Chaozhou boasts enorgreen development," he said. to power plants, cities nearby Chaozhou and businesses in mous potential in economic development," Jia said.

Another project is the Chaozhou production base for grain PROVIDED TO CHINA DAILY

"That is one of the reasons why we have decided to settle

EMERGING INDUSTRIES OF GREEN ENERGY, LOGISTICS AND FOOD PROCESSING TAKING SHAPE THANKS TO PORT

Chaozhou's port area has attracted mega investment projects.

The production base incorporates three sectors of the food according to the company.

industry, fodder protein development and oil production. Its "The implementation and operation of such big projects can annual output value is expected to achieve 13.29 billion yuan. It benefit the development of whole industrial chain," said Huang is scheduled to begin operation in 2022, said Huang Bin, general Lihui, deputy director of the administrative committee of the manager of the project. Yihai Kerry's production base has attracted more potential and more than 200 plants, Huang said.

have prompted the company to decide to build the new base trial cluster in eastern Guangdong, Huang added.

Ganzhou, Jiangxi province, he added.

businesses, and build an industrial cluster that integrates According to Yihai Kerry, the project involves a production logistics, production and processing, and intelligent breeding, base and a supporting wharf as a distribution base. aiming to contribute to the economic growth of Chaozhou,

Chaozhou Port economic development zone. investors to the zone. It helps to establish a solid foundation in The premium location and big market room in Chaozhou Chaozhou Port to build the modern food and processing indus-

Currently, the three emerging industries of green energy, mod-"The location of Chaozhou gives us an edge in expanding our ern ports and logistics, and food processing have taken shape markets in eastern Guangdong province and Fujian province," in the Chaozhou Port area. They are becoming major engines to Huang said. It also helps the company develop its market in lead the high-quality development of the coastal economic belt in Chaozhou, local officials said.

It is building five large modern agricultural parks involvield during the period was 268,900 tons, a-year-on-year holds to discuss how to promote the sector's development.

By SONG MENGXING

ing tea, aquatic products and fruits to promote the upgrad- increase of 2.9 percent. This included aspects such as planting technology manageing of traditional sectors. It is also developing a large goose 
It plans to develop agriculture worth 100 billion yuan ment and brand protection. species — lion-head goose or African goose — conservation focusing on dancong (single bush) tea, a semi-fermented Chaozhou has fostered new agricultural business modfield to boost popularity for the breed. oolong tea; livestock; poultry and Raoping county's aquatic els and rural tourism demonstration areas. Guikeng in The city government plans to form a Cantonese-style products. Its modern agriculture system will comprise Xiangqiao district was named as a beautiful village ideal preserved fruit industry, with an annual output value of industrial clusters among counties, industrial parks and for leisure by the Ministry of Agriculture and Rural Affairs 10 billion yuan (\$1.55 billion). It would comprise planting, specialty products from villages. last year.

The disposable income of its rural residents per capita Guangdong province and even nationwide. Offline activi-

rose from 14,945 yuan in 2018 to 17,266 yuan in 2020. The ties where producers and sellers made direct contact were amount for the first half of this year reached 10,765 yuan. also held during the festival. Chaozhou in South China's Guangdong province has The city's tea plantations stretch to about 15,333 hect—The Chaozhou tangerine industrial development explored how to vitalize rural areas with its own features area and their yield was 15,300 metric tons in the first six forum at the event invited experts from Guangdong's and and made modern agricultural industries the key. months, a year-on-year rise of 15.1 percent. Its vegetable Chaozhou's research institutions and fruit-farmer house-

processing, logistics, sales, research and development, and Chaozhou has set up a development work council and Fenghuang town in northern Chaozhou is noted for its WANG LI / FOR CHINA DAILY a research institute for the *dancong* tea sector. It has also high and steep mountains, the houses of the She ethnic Local officials said the region's agriculture and rural founded a guild of Chaozhou tangerines in March, and group and fragrant dancong tea. It can produce more than engine for rural prosperity in Fenghuang. As a pilot town areas were in sound development conditions in recent another for lion-head geese in August. 5,000 tons of tea and the output value can surpass 1 billion for digital village development in Guangdong, the town from about 13.07 billion yuan in 2018 to nearly 18.45 billion Jan 31 to Feb 2. The festival involved online exhibitions and nies and 50-plus specialized tea cooperatives. Its tea sells tourism routes. It also promoted repair projects for Red

live promotions to recommend the fruits to netizens in to more than 60 countries and regions. historical and cultural heritage sites, such as the Fenghuang

automation and innovation, giving the traditional sector production lines. In a large plant of Guangdong Haoming Ceramic Techtions on international travel amid the pandemic," Chentional industry, aimed at setting a benchmark in the sector." Feng Xiaopeng, an executive at the company. CCTC owns

powerhouse, with 80 percent of its annual output shipped in production." general manager. Except for its packaging and qual- from information technology. Guangdong-headquartered workers, Lin said.

"We are integrating artificial intelligence and 5G tech-Garden.

Starting cooperation with China Mobile, a major commation of operations.

nology, rows of industrial robots work on the production said. "The online system provides overseas customers with In the slip casting step, one of the toughest production more than 190 patents, including over 90 granted abroad. easy access to learn about our progress in fulfilling their procedures, the company invested more than 300 million. The city government encourages local businesses to The household porcelain manufacturer is an export orders and gain a better understanding of our strengths yuan (\$46.36 million) to replace human workers with embrace digitalization, and innovate in technology, new

nologies into our production," Chen said. Behind such an ambitious goal is the widespread autotech companies can be built on ceramics. Chaozhou Europe to more countries and regions involved in the Belt Three-Circle Group, known as CCTC, specializes in providand Road Initiative.

munications operator, at the end of 2019, Haoming has At the first phase of the project, "automated equipment ing electronic ceramic components, including resistors, installed an intelligent monitoring system with a large has been used across our 17 major production procedures, rods and multilayered chip capacitors. It is at the forefront

machinery. It has also spent some 6 million yuan install- materials and equipment. Last year saw 250 ceramics

That enabled a threefold increase in production effi- Its goal is to build a 67-hectare industrial park in 2027, processes to four days, much shorter than the industry's output value in 2020, government data show. In addition to upgrading traditional businesses, high-

Ceramic businesses in Chaozhou are riding high on display panel, providing real-time information on its which enables our labor efficiency to become four times globally in terms of market share of its signature products. that of a conventional business", Lin said. Electronic ceramics and new energy are the current "It came right in time, especially considering the restric"We are exploring a new path of upgrading the tradifocus of the company's research and development, said

abroad on average, according to Chen Maolin, its deputy On another front, ceramic bathroom ware is benefiting ing an automatic dustproof system for the health of its businesses above designated size in Chaozhou upgraded ity inspection, Haoming has realized automation across property developer Country Garden entered this segment, Automated equipment and information technology As a traditional manufacturing, sales and export hub, 60-70 percent of its manufacturing, Chen said. investing heavily in a large project in Chaozhou last year. have enabled the company to shorten its manufacturing the city generated 50 billion yuan in its ceramics industrial ciency and reduced its labor cost by roughly 30 percent, with a planned annual output of 5 million intelligent average of around 12 days, he said, adding they also help Chaozhou exported ceramic products worth 4.83 billion he noted. He added that it also helps to address a shortage toilets and washbasins by then, according to Lin Chifeng, to improve management efficiency, slash the inventory of yuan during the first eight months of this year, up 38.3 of skilled workers and ensures product standardization. who heads the bathroom ware business unit of Country semi-products and create a clean production environment. percent year-on-year. They have expanded their markets