"SHANDONG IS EMBRACING A GOLDEN DEVELOPMENT OPPORTUNITY BY TAKING UP THIS MAJOR TASK, THROUGH WHICH THE PROVINCE WILL FOSTER COMPETITIVE **INDUSTRIAL CLUSTERS ...**"

Liu Jiayi, Party chief of Shandong province



Area ramps up its rural revitalization

By CHEN MEILING

modernized agricultural sector industry. tion, leading officials said.

dong, wrote in a recent article vegetables. hat different regions should According to reports, they Chen Yi, Party chief of local fish-villages. estry, animal husbandry and the mobile phones. fisheries sector.

general of Shandong provincial talization

By HAO NAN

apply advanced technologies, importance of the benefits flow- that time. Eastern Shandong provincesuch as the Internet of Things,
to build up a modern agricultureing down to its villagers.Officials said that another
focus of the countryside's devel-OfficialsState of the countryside's devel-Officials said that another

to become more affluent amid in the city of Shouguang, where oped a new business – planting The province has proposed Thina's calls for rural revitaliza- a group of younger people are and deep processing wakame, a a three year-long initiative to monitoring the light, tempera-species of edible seaweed, which improve sewage treatment, Liu Jiayi, Party chief of Shan- ture and humidity of greenhouse has brought more than 1,000 as well as renovate toilets and

have their own paths to develop- have been controlling the crops eries company Zhukou Group. The modernization process strengths — such as farming, for-with a remote system that utilizes 1,700 villagers in Wantou village improve in other places.

Statistics showed that last year save an estimated 20 percent of wickerwork to buyers nation- tion area for villagers has sprung the province — home to 6 percent costs and increased production by ally. Officials said the annual up, as well as a planting area, a of China's farmland — contrib- some 15 percent, Cui Yulu, Party income from the business in the fishing area and a catering center uted 8 percent to its total national chief of Cuilingxi village in Shou- village has topped 300 million for tourists.

nd 13 percent respectively of advanced agricultural industry, authorities, the output value new facilities' designs and the fruit and vegetables output in the province has set a goal for 30 from the province's farming, renovations had made life easier or fits villages to achieve forestry, animal husbandry and and more comfortable.

- helping its rural population One example is an initiative ing village. Now it has devel- tection.

government. Wei added that his Officials said the province's rural population would exceed *chenmeiling@chinadaily.com.cn* province was now beginning to government is also stressing the that of the urban population by

city used to be an ordinary fish- opment was environmental pro-

job opportunities, according to improve the environment of its

ment based on their individual watering and fertilization process In addition, about half the has seen conditions substantially in Boxing county have opened At Yuquanwa village in the city That technology has helped online shops to sell handmade of Weifang, for example, a produc-

food production, 9 percent of itsguang, said.yuan (\$44.6 million).Liu Xiangdong, Party chief ofmeat production, and 12 percentTo build a more efficient andAccording to data from localthe village, told Xinhua that the

By 2020, Shandong wil orm a new conomic levelopment pattern led by new growth drivers which means the share of the added value of the 10 industries in the provincial GDP is expected to reach 60 percent."

Zhang Xinwen, director of the handong Development an Reform Commission



60 percent of Shandong's GDP growth



Province to establish pilot zone as model for country

By HAO NAN haonan@chinadaily.com.cn

is expected to achieve initial success According to the plan, the pilot zone will identified for the conversion of old and new growth drivers, which means the within three years, and make break- cover an area of nearly 40,000 square kilo- growth drivers in Shandong share of the added value of the 10 industhrough progress within five years, in meters, spreading to the cities of Jinan, Qinreplacing old economic growth driv- gdao and Yantai, as well as economic develment opportunity by taking up this major to increase the share of added value of and broad market prospects. task, through which the province will foster strategic emerging industries in its GDP A raft of related projects for major scien- economic strength by 2035.

said: "The commission, together with a the conversion of growth drivers, Shandong vincial government,

progress in real time".

and renewable energy. Shandong's action plan to build a compre- modern high-efficiency agriculture, cultural State-level innovation centers and 200 old and new economic growth drivers.

10 sectors, including new- center, a healthcare big data goal for the proportion of generation information tech- center and a drug research strategic emerging industrie The cities of Jinan, Qingdao nology, quantum science and and production center to to the city's GDP will reac Yantai — three core areas technology, modern logistics develop itself into a regional 16.2 percent by 2022, and th promoting Shandong's and culture and tourism, each science and innovation hub," proportion of new econor going plan to transform of which has the potential to Wang said. to the GDP will reach at lea conomic growth drivers reach an industry value of 100 To better promote the con- 30 percent. have been drawing up their billion yuan (\$14.7 billion) by version of old growth drivers Zhang Shuping, Party chief wn related development 2020. into new ones, the city in April of Yantai, said the city is one ints and promoting Jinan-headquartered Inspur set up a special fund of 250 of the birthplaces of C

Kegion's cities plan transformation

l investment. the sector of new-generation port the development of six huge potential in deve Jinan does have some information technology, for fields, including infrastructure ing the maritime econ nique advantages when example, has led the way in construction, urban renewal, with its vast sea area, a long investment attraction and coastline and rich maritime rowth drivers," said Wang and advanced technologies mergers and acquisitions. resources. honglin, Party chief of the of the digital economy by dingdao also set up a project It plans to give special developing cloud computing, library with the same theme attention to the establish. The provincial capital has a big data and artificial intel-rategic location between two ligence. Last year, the world's first ses, Beijing and Shanghai, quantum communication net-

is one of the eight cities work was fully operational in ern maritime economy, smart toward Northeast Asia. China that daily receives Jinan, making China the first home appliances, rail transit Currently, Yantai has bui ore than 10,000 people due country in the world to imple- equipment, car building and city-level major project libr

y has decided to focus on a national supercomputing Its five-year development lion yuan.

advantages in industries Group, a leading company in billion yuan to mainly sup- national industry and

ts strong comprehensive ment quantum technology for modern logistics. relating to the conversion luence on neighboring commercial ends. Yantai announced in May old and new growth drive as, Wang said. In coming years, "Jinan will that it also set up a fund of 300 which consists of 300 project As for the future industrial accelerate the construction of billion yuan for the transfor- with total investment estim evelopment, Wang said the such innovation platforms as mation of old growth drivers. ed to reach more than 887

from old growth drivers to technology



by the 10 new growth driver industries by 2020

hensive pilot zone with the specific goal of Eastern China's Shandong province tion of the zone into a national strategy.

transforming old economic development drivers to new ones, upgrading the construc-

industries such as intelligent manufacturing key to developing new growth drivers and Department.



pt o 24 percent of China's total modernization by 2020, rising to fisheries is expected to reach 1 The move toward modernization by 2020, rising to fisheries is expected to reach 1 The move toward modernization by 2020, rising to fisheries is expected to reach 1 The move toward modernization by 2020, rising to fisheries is expected to reach 1 The move toward modernization by 2020, rising to fisheries is expected to reach 1 The move toward modernization by 2020, rising to fisheries is expected to reach 1 The move toward modernization by 2020, rising to fisheries is expected to reach 1 The move toward modernization by 2020, rising to fisheries is expected to reach 1 The move toward modernization by 2020, rising to fisheries is expected to reach 1 The move toward modernization by 2020, rising to fisheries is expected to reach 1 The move toward modernization by 2020, rising to fisheries is expected to reach 1 The move toward modernization by 2020, rising to fisheries is expected to reach 1 The move toward modernization by 2020, rising to fisheries is expected to reach 1 The move toward modernization by 2020, rising to fisheries is expected to reach 1 The move toward modernization by 2020, rising to fisheries is expected to reach 1 The move toward modernization by 2020, rising to fisheries is expected to reach 1 The move toward modernization by 2020, rising to fisheries is expected to reach 1 The move toward modernization by 2020, rising to fisheries is expected to reach 1 The move toward modernization by 2020, rising to fisheries is expected to reach 1 The move toward modernization by 2020, rising to fisheries is expected to reach 1 The move toward modernization by 2020, rising to fisheries is expected to reach 1 The move toward modernization by 2020, rising to fisheries is expected to reach 1 The move toward modernization by 2020, rising to fisheries is expected to reach 1 The move toward modernization by 2020, rising to fisheries is expected to fisheries is expected to fisheries is expected to fisheries is expect agricultural exports came from 60 percent in 2030, and 100 per- trillion yuan in 2020. cally friendly, livable and beautiful Shandong last year, according to cent in 2035, according to Shan- What is more, the data also villages in Shandong is expected Wei Huaxiang, deputy secretary- dong's official plans for rural revi- indicated that the total per to be completed in 2035, official capita disposable income of the data showed.





SHANDONG TO LEAD CHINA'S PUSH FORNEW GROWTH DRIVE



ers with new ones, a local official said, opment zones, high-tech zones and special creativity tourism and modern finance — Shandong plans to complete this round Liu Jiayi, Party chief of the province, said: areas supervised by customs in 14 cities. will be upgraded from more traditional of efforts to replace old economic growth "Shandong is embracing a golden develop- This year, the province is making efforts ones, featuring huge development potential drivers with new ones by 2028 and

competitive industrial clusters and contribute to at least 1 percentage point, and an tific innovation in such fields as information. Since projects are key to the conversion ute to the construction of a modern eco-nomic system in China." increase of at least 0.1 percentage point Zhang Xinwen, director of the Shandong competitive in its GDP. security, new energy cars and high-perfor-mance specialty materials will be carried out this year to bring about more breakthroughs projects since April last year. Development and Reform Commission, To realize these goals and better facilitate in core technologies, according to the pro- So far, it has identified 900 projects

working group set up to push forward the plans to pour greater resources into 10 new "We plan to make around 100 tech- investment totaling 4 trillion yuan. replacement, aims to establish an index sys- growth driver industries to foster a batch of nical breakthroughs every year to lead They include an intelligent manufactem to monitor the conversion of old growth modern and competitive industrial clusters. high-quality development of the 10 indusdrivers, as well as to track and assess related They include five emerging sectors – tries, and also increase related financial Duty Truck Group and a hydrogen-fuel new-generation information technology, support from 5 million yuan (\$732,000) cell production project by Weichai Power. Old growth drivers in Shandong include high-end equipment, new energy and new to 10 million yuan for each major R&D A leading heavy truck manufacturer in industries such as traditional manufacture materials, modern maritime industry and project," said Li Chulin, deputy director the country, China National Heavy Duty ng while the new growth drivers feature medical and health services — which are of the Shandong Science and Technology Truck Group, also known as Sinotruk, will

winning future competitive edges. Innovation drives industries, and the alization and technology-oriented strate-In January, the State Council approved The other five sectors – green chemicals, province therefore plans to add 10 new gies to help implement the conversion of

provincial-level innovation centers this

"By 2020, Shandong will form a new economic development pattern led by tries in the provincial GDP is expected to reach 60 percent," said Zhang.

become a modern province with strong

related to the conversion, with estimated continue to push forward its internation-

enduring elations with countries around the world through sharing mowledge and experience in he wake of the continued opening up. Zhang Jigang, executive vice president of the Shandong People's Association for Friendship with Foreign Countries

84 foreigners honorary citizens of the



province

142

Shandong







Shandong





Foreign trade, opening-up policy nurtured to reach new heights, **Song Mengxing** reports.

ne of China's first coastal provinces that carried out the openingup policy, Shandong has always held an open and win-win attitude to welcome friends worldwide in the past four decades, local officials said. It has established 457 foreign sister city relationships and friendly partnerships and expanded its foreign communication and cooperation in the fields of politics, economy, culture, education, technology and sports

The province in East China has seen year-on-year Shandong has promoted several cooperation project ncrease of its foreign trade. Its cargo imports and via overseas economic and trade cooperation areas. 17. 1.215 times of the amount in 1978.

eign investment has become an important part used in 2017, according to the National Bureau of Sta- investment worth \$110 million and seven companies tistics, was 121.05 billion yuan.

Belt and Road Initiative in recent years. Local offi- department, said that trade cooperation between the cials said that regions involved in the initiative have province and SCO countries deepened mainly because bilateral economy became more complementary. ousinesses.

in the initiative last year.

ing Asia to Europe.

erative areas recognized by the ministries of com- tor to promote trade partnerships between Shandong merce and finance, four are backed by Shandong's and SCO members, local officials said. businesses and the four are all in countries involved Fortune Global 500 companies are also an imporn the initiative. Development of the areas will become tant factor for Shandong to increase its foreign trade.

mit was held in Qingdao, Shandong, in June. More friend, German group Henkel, in 1987 and since then event and more than 3,000 domestic and foreign province by July this year. reporters covered the event, Xinhua News Agency Their investment has been given to 17 cities in Shan-

Shandong has had closer cooperation with SCO ship building and information technology. members in recent years. Its exports and imports with The province plans to expedite its cooperation with

Shandong's imports and exports with SCO members reached 28.72 billion yuan in the first quarter of *Contact the writer at songmengxing@chinadaily.* 2018 and invested 30 million yuan in the members. com.cn

ports reached 1.78 trillion yuan (\$259.47 billion) in The province's home appliances giant Haier and a Pakistan company built an economic zone in Paki stan. China's first national-level overseas economic omy. Its foreign capital actually and trade cooperation zone. The zone has attract offered more than 3,000 jobs locally.

The province has also actively integrated into the She Chunming, head at Shandong's commerce

Russia and five countries in Central Asia are the It invested 10.06 billion yuan in countries involved main production areas of world's oil and gas resources while Shandong has an increasing need for energy Nine cities in Shandong offer train services connect- commodities such as crude oil and natural gas and become an important sales market for the goods. Among the 20 overseas economic and trade coop- Energy cooperation has become an important fac-

mportant platforms for Shandong's cooperation with Zhang Weike, deputy head at Shandong's commerce regions involved in the initiative, local officials said. department, said: "We stress to profoundly cooperate ooperation between Shandong-based companies with Fortune Global 500 is not only attracting several and other regions taking part in the initiative is mainly projects and foreign investment. The more imporin sectors such as rubber tires, textile and garment, tant aim is to bring in the world's most advanced chanical equipment and electric appliances. concepts, technologies and management models? The 18th Shanghai Cooperation Organization Sum- Shandong welcomed its first Fortune Global 500 an 2,000 foreign guests registered to attend the 213 such friends have set up 726 businesses in the

dong, promoting industries such as high-speed trains,

them amounted to 118.6 billion yuan last year and the Fortune Global 500 enterprises in the next three years, rovince used capital from the members worth 1.25 with each of its top 10 industries aiming to have 10 llion yuan, mainly from Russia and India. cooperation projects with the companies.





manufacturing giant Weichai Group.





cooperate w Fortune Glol **500** is not only attractin several project and foreign nvestment. Th more importan aim is to bring in the world's most advanced concepts technologies and management Zhang Weike, deputy head at Shandong's commerce department

213 Fortune 500 Global companies have set up 726

July this year

trillion yuai cargo imports and exp

"SHANDONG WILL TAKE THE OPPORTUNITY TO PROMOTE ITS INTERNATIONAL REPUTATION.

Gong Zheng, governor of Shandong province



By CHEN MEILING

Shandong is using the latest tech- industry are located in Shandong. growth in related industries, said Liu 19.1 percent of the nation's total. province, according to Liu.

More than 50 percent of China's loca high-level scientists in the marine nology to extract the most from its In 2017, the output value of the marine vast marine resources in order to con- industry in Shandong reached 1.48 triltinue to develop and promote strong lion yuan (\$216 billion), accounting for

Jiayi, Party chief of the province at a That figure is expected to reach 2.3 recent government work conference. trillion yuan by 2020, making up 23 East China's Shandong province percent of Shandong's total GDP, data The rig can operate as deep as that can help tumor-related and cardio-serve and improve the marine environ-

and has a coastline which equates to The complete industrial chain for 15,200-meter deep, according to Wang Shandong Xinfa Fishery Group industry. ne sixth of the country's total, which marine industry in Shandong covers Jianzhong, president of the company. catches and processes tuna from the To realize these goals, the province means that marine resources play a marine life sciences, high-end equip- Its brother, Blue Whale 1, was the Indian Ocean that is then exported all has initiated 10 programs, including large role in the economy of the entire ment, seawater desalination and green first in China to extract combustible over the world.

per vear, according to port statistics, rig, Blue Whale 2, at the end of 2017. Area of Shandong.



is home to China's biggest peninsula from the local government showed. 3,000 meters under the sea and vascular diseases.

by Wuchang Shipbuilding Industry 100 times after producing colla Group Co Ltd, has a carrying capacity using biological technology, Gao equivalent to 6,666 freight train car- yue, project manager of the company riages, Xinhua reported.

ment, and create a more open marine

ports in the cities of Qingdao, Rizhao nation's largest semi-submersible for transporting iron ore between skin to produce collagen, which has ing of traditional marine industries, and Yantai, each with a capacity of marine platform manufacturer, built Brazil and China, was launched at the a high market value and can be used revitalization of marine culture and more than 400 million metric tons the world's largest maritime drilling Qingdao West-Coast Economic New in a range of consumer health related the improvement of ocean governance, products.

The 400.000-metric-ton vessel, built Now the price can be increased ov told local media outlet Dazhong Daily In the marine biomedicine sector, According to the government's plan Shandong has more than 80 percent of to build an even stronger marine econthe country's scientific resources. It has only the province expects to add more made great achievements in medicines diversity to its marine resources, con-

promotions for technological innova-The province, according to Liu. marine chemical engineering. ice in the South China Sea. The company has optimized its out-The province has three large-scale China Yantai CIMC Raffles, the Recently, an ultra-large cargo ship put by processing leftover bones and ment of emerging industries, upgradaccording to the plan.



From left: A view of Rizhao port in Shandong. Qingdao is a major development center and the home port for Chin A production base of CIMC Raffles, a maritime engineering equipment supplier in Shandong's high-end maritime manufacturing industry

