

Sino Nordic Business Development Center **NEWSLETTER VOL4-2019**

The State Council of the Central Committee of the Communist Party of China issues the National Medium and Long-term Plan for Actively Coping with Population Aging

In order to actively cope with population ageing and in accordance with the party's 19th National Congress' decision, the CPC Central Committee and the State Council have recently issued the National Medium - and Long - term Plan for Actively Addressing Population Ageing (hereinafter referred to as the " Plan ").

The "Planning" clearly defined the strategic goals of actively coping with the aging of the population, that is, by 2022, China's institutional framework for actively responding to population ageing will be initially established; by 2035, the institutional arrangements for actively responding to population ageing will be more scientific and effective; by the middle of this century, a system of coping with population aging adapted to the socialist modernized country is mature and complete.



The Plan deploys specific tasks to cope with the aging of the population from five aspects.

First, consolidate the social wealth reserve to cope with the aging population. By expanding the total amount, optimizing the structure, and improving efficiency, the economic development and population aging will be adapted. By improving the national income distribution system, optimizing the distribution pattern among governments, enterprises, and residents, and steadily increasing the old-age wealth reserve.

Second, improve the effective supply of labor in the context of population aging. By improving the quality of the birth population, the quality of the newly-added labor force, and building a lifelong learning system for the elderly, we can improve the overall quality of human resources in China. Promote the development and utilization of human resources, achieve higher quality and full employment, and ensure that the human resources actively responding to the aging of the population is sufficient and of high quality.

Third, build a high-quality service system for old services and products. Actively promote the construction of a healthy China, and establish and improve a comprehensive and continuous elderly health service system including health education, preventive health care, disease diagnosis and treatment, rehabilitation care, long-term care, and peaceful care. Improve a multi-level elderly care service system that is home-based, community-based, with fully-developed institutions, and organic integration of medical care and nutrition. Expand the supply of products and services suitable for the elderly and improve the quality of products and services in multiple channels and fields.

Fourth, strengthen scientific and technological innovation capabilities to cope with the aging of the population. In-depth implementation of the innovation-driven development strategy, taking technological innovation as the primary driving force and strategic support for actively responding to the aging of the population, and comprehensively improving the intelligent level of the national economic and industrial system. Increase the level of technology and informationization of elderly services, increase the support for elderly health technology, and strengthen the research and development and application of assistive technologies for the elderly.

Fifth, create a social environment that supports the elderly, and of filial piety and respect for the elderly. Strengthen the legal environment to cope with the aging of the population and protect the legitimate rights and interests of the elderly. Establish a family support system and an elderly-friendly society, and form a good atmosphere in which the elderly, families, society, and the government participate together.

Source: http://www.gov.cn/zhengce/2019-11/23/content_5454778.htm

"Regulations on the Implementation of the Food Safety Law" came into effect on December 1

As the supporting regulations of the "strictest Food Safety Law in history", the *Regulations for the Implementation of the Food Safety Law* will be officially implemented on December 1. The new "Regulations" for the first time established a "double penalty system", that is, in addition to penalizing illegal enterprises, it also provides for personal fines in the case of violations of the organization, up to a maximum of 10 times the income of the organization in the previous year.



The Regulations emphasize the four "severest", the most severe punishment, the most serious accountability, the strictest supervision and the strictest standards. The regulations strengthen penalties for violations of laws and regulations. For example, increase the cost of violations of the law, add a "penalty to the person" system, up to a fine of 10 times the annual income of the legal representative and relevant responsible persons; establish a "blacklist" system for serious illegal food production operators, implement joint credit punishment; improve the linkage mechanism between administrative enforcement of food safety and administrative detention of public security organs. At the same time, the most stringent standards are also officially written into legal provisions for the first time, which will help improve the development level of the entire industry.

The strictest part of the "Regulations" also include that for the first time, the risk control measures for imported foods have been strengthened, as well as the liability and duties of importers, and the source control of food safety has been strengthened to prevent substandard imported foods from entering the domestic market.

Source: <http://news.sina.com.cn/sf/news/flfg/2019-11-28/doc-iihnzhfz2232065.shtml>

The growth rate of the sales area of commercial housing in the first 10 months changed from negative to positive

After experiencing a 9-month year-on-year "negative growth", in the first 10 months of 2019, the year-on-year growth rate of China's commercial housing sales area for the first time this year "turned from negative to positive".

Real estate development investment completion

The National Bureau of Statistics website announced on November 14th the national real estate development investment and sales in the first ten months. The national real estate development investment in the first ten months was 10,060.3 billion yuan, a year-on-year increase of 10.3%, and the growth rate dropped 0.2 percentage points from the first nine months. Among them, residential investment was 8,066.6 billion yuan, an increase of 14.6%, and the growth rate dropped by 0.3 percentage points.

From January to October, the investment in real estate development in the eastern region was 571.5 billion yuan, an increase of 8.4% year-on-year, a growth rate of 0.2 percentage points lower than in January-September; the investment in the central region was 228.22 billion yuan, an increase of 10.0%, and the growth rate was flat; the investment in the western region was 245.88 billion yuan, an increase of 15.7%, a 0.5 percentage points of growth rate fall; the investment in the Northeast region was 457.9 billion yuan, an increase of 9.5%, 0.4 percentage points of growth rate fall.

From January to October, the construction area of real estate development enterprises was 854.882 million square meters, an increase of 9.0% year-on-year, and the growth rate was 0.3 percentage points faster than that from January to September. Among them, the residential construction area was 59.802 million square meters, an increase of 10.4%. The floor space of newly started housing was 1,858.34 million square meters, an increase of 10.0%, and the growth rate accelerated by 1.4 percentage points. Among them, the floor space of newly started residential buildings was 1,363.9 million square meters, an increase of 10.5%. The floor space of buildings completed was 54.211 million square meters, a decrease of 5.5% and a decrease of 3.1 percentage points. Among them, the floor space of residential buildings completed was 387.47 million square meters, a decrease of 5.5%.

From January to October, the land purchase area of real estate development enterprises was 183.83 million square meters, a year-on-year decrease of 16.3%, a decrease of 3.9 percentage points from the January to September. The land transaction price was 992.1 billion yuan, a decrease of 15.2% and a decrease of 3.0 percentage points.

Commercial housing sales

From January to October, the sales area of commercial housing was 1,332.51 million square meters, and the growth rate changed from negative to positive for the first time this year, an increase of 0.1% year-on-year, and a decrease of 0.1% from January to September. Among them, the area of residential sales increased by 1.5%, the area of office buildings sold decreased by 11.9%, and the area of commercial buildings sold decreased by 14.0%. The sales of commercial buildings were 124.417 billion yuan, an increase of 7.3%, and the growth rate accelerated by 0.2 percentage points. Among them, residential sales increased by 10.8%, office sales decreased by 11.5%, and sales of commercial buildings fell by 13.4%.

From January to October, the sales area of commercial housing in the eastern region was 52.415 million square meters, a year-on-year decrease of 2.1%, a decrease of 0.8 percentage points from the January-September period. The sales area of commercial buildings in the central region was 379.6 million square meters, an increase of 0.6%, and the growth rate was accelerated by 0.1 percentage point; the sales volume was 2,711.8 billion yuan, an increase of 6.8%, and the growth rate dropped by 0.4 percentage points. The sales area of commercial buildings in the western region was 368.86 million square meters, an increase of 3.8%, and the growth rate dropped by 0.8 percentage points; the sales volume was 261.1 billion yuan, an increase of 10.1%, and the growth rate dropped by 0.5 percentage points. The sales area of commercial housing in Northeast China was 60.9 million square meters, a decrease of 5.0%, and the decrease was narrowed by 0.9 percentage points; the sales volume was 484.4 billion yuan, an increase of 3.3%, and the growth rate accelerated by 0.8 percentage points.

At the end of October, the floor space of commercial buildings for sale was 49.323 million square meters, a decrease of 230,000 square meters from the end of September. Among them, the area for sale of residential buildings decreased by 1.25 million square meters, the area for sale of office buildings increased by 90,000 square meters, and the area for sale of commercial buildings decreased by 170,000 square meters.



Funds in Place for Real Estate Development Enterprises

From January to October, the funds in place for real estate development enterprises were 14,515.1 billion yuan, an increase of 7.0% year-on-year, and the growth rate dropped by 0.1 percentage point from January to September. Among them, domestic loans were 2,182.8 billion yuan, an increase of 7.9%; foreign capital utilization was 13.1 billion yuan, an increase of 63.2%; self-raised funds were 4,699.6 billion yuan, an increase of 3.3%; deposits and advance receipts were 4,946.3 billion yuan, an increase of 9.4%; personal mortgage loans were 2,213.7 billion Yuan, an increase of 14.1%.

Real Estate Development Prosperity Index

In October, the prosperity index of real estate development (referred to as the "national housing prosperity index") was 101.14, an increase of 0.06 points from September.

Source: http://www.stats.gov.cn/tjsj/zxfb/201911/t20191114_1709105.html

Analysis Report on Chinese Patent Technology of Artificial Intelligence Released

On December 2, the National Industrial Information Security Development Research Center released the *Analysis Report on Chinese Patent Technology of Artificial Intelligence*. According to the report data, as of October 2019, China's artificial intelligence patent applications have surpassed the United States, becoming the country with the highest number of patent applications in the AI field. Baidu, Tencent, Microsoft, Inspur, and Huawei ranked among the top five in terms of patent applications. Among them, Baidu led by a clear advantage.

The report conducts in-depth analysis of the patent situation of seven artificial intelligence branches in China, including deep learning technology, computer vision, speech recognition, cloud computing, natural language processing, intelligent robotics, and intelligent driving. The report shows that from 2014 to 2018, the number of patent applications in the field of artificial intelligence in China showed a rapid growth. In 2018, the number of patent applications in China reached 94,539, 10 times the number of applications in 2010.

Among the top 10 companies in the report on the number of patent applications for artificial intelligence applicants, Baidu topped the list with 5,712 patents, followed by Tencent with 4,115 cases, Microsoft 3978 cases, Inspur Group 3755 cases, Huawei 3656 cases, Samsung 3407 cases, Ali 3079 cases, Xi'an University of Electronic Science and Technology 3048 cases, State Grid 2712 cases, Zhejiang University 2565 cases, of which Microsoft and Samsung are foreign companies.



According to the report, in the commercialization of artificial intelligence, China has begun to take shape, and its technology has widely penetrated into all aspects of life such as transportation, logistics, and medical care. However, we must realize that China is still lagging behind the United States, Japan and other countries in the field of basic artificial intelligence technology. We must increase policy support and business investment in basic artificial intelligence theory and technology, and accelerate breakthroughs in the basic theory and key points of new generation artificial intelligence common technology. Increase the importance of patent layout in the field of basic artificial intelligence technology, and seize the commanding heights in the new round of international technology competition.

Source: http://www.cbdio.com/BigData/2019-12/06/content_6153273.htm

Ministry of Agriculture and Rural Affairs: Reply on "Relevant Suggestions on Increasing Subsidies for Organic Agricultural Products"

On December 10, the Ministry of Agriculture and Rural Affairs has released relevant Opinions on the "Proposals on Increasing Subsidies for Organic Agricultural Products" proposed by the Second Session of the 13th National People's Congress. The "Response" pointed out that organic production in the transition period requires enterprises to bear the high costs of organic production on the one hand, and enterprises cannot temporarily enjoy the benefits of organic brands on the other. At present, there is no clear subsidy policy for organic production during the transition period at the central level. The Ministry of Agriculture and Rural Affairs will actively seek financial support for the establishment of policy support for the conversion period of organic production.

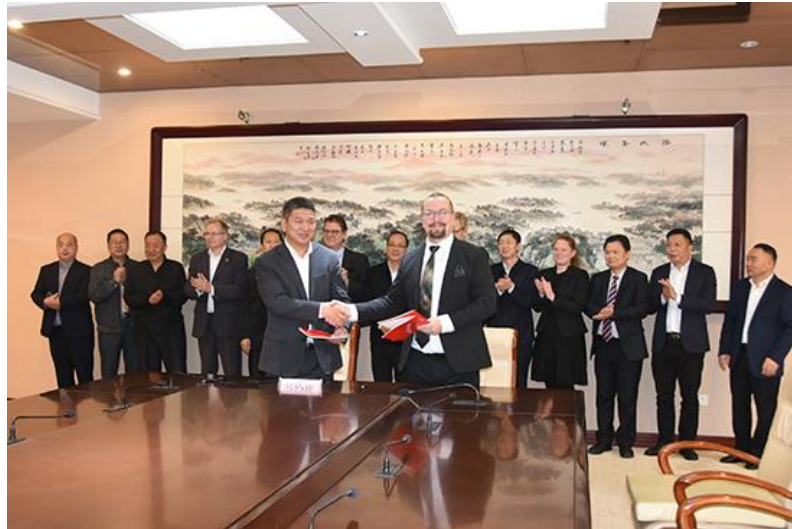
Source: http://www.moa.gov.cn/gk/tzgg_1/tz/201912/t20191210_6333029.htm

Bengt Dahlgren Signed Cooperation Agreement on Building a Green Development Demonstration Zone in Chibi

On November 13th, Chibi City and Bengt Dahlgren held a signing ceremony to build a green development demonstration zone in the Yangtze River Economic Belt by leveraging the leading experience of the Hammarby global eco-city.



In the agreement, entrusted by the Chibi City Government, Bengt Dahlgren is responsible for planning, attracting investment, operating and managing the green development demonstration zone in the Chibi Yangtze River Economic Belt in Chibi Town and Huanggai Lake Town. Based on the concept of "green and low-carbon, innovative development, and intelligent operation", through the development of tourism and leisure, culture and creative industries, the demonstration zone will be built into a new industrial zone with "modern industrial clusters, complete town functions, and beautiful ecological environments. It will become a leading area for green development in Chibi and a new space for economic and social development.



The signing of a cooperation agreement between Bengt Dahlgren and Chibi City has brought great opportunities for the development of an ecological new city. The city will plan and work closely with Bengt Dahlgren with greater determination, better policies and better services. To effectively promote the implementation of the project, make the International Eco-City and International Cultural Tourism City and other projects into China's Hammarby New City, and better meet the people's longing for high-quality life in Chibi and even central Hubei.

Nordicflexhouse participate in the Hammarby New City project, with special focus on establishing an Eco village and a Bamboo housing industry in the Chibi area.

Source: http://www.chibi.gov.cn/xwzx/cbzw/201911/t20191114_1882133.shtml

The 2nd Nordic Edge Smart City Summit in Asia to be held in April, 2020

Two regions with ambitious Smart City strategies share knowledge and experiences at this mutually beneficial event in Beijing and Yantai, China 20-24 April 2020.

Join the summit for a week of sharing experiences, finding potential partnerships and an abundance of new insights.

- Blockchain and Finance (Beijing)
- Smart Ecology (Beijing)
- Smart Healthcare (Beijing and Yantai)
- Smart Mobility (Beijing and Yantai)

- Green Food (food safety) (Beijing and Yantai)
- Smart marine economy (Yantai)
- Intelligent manufacturing (Yantai)

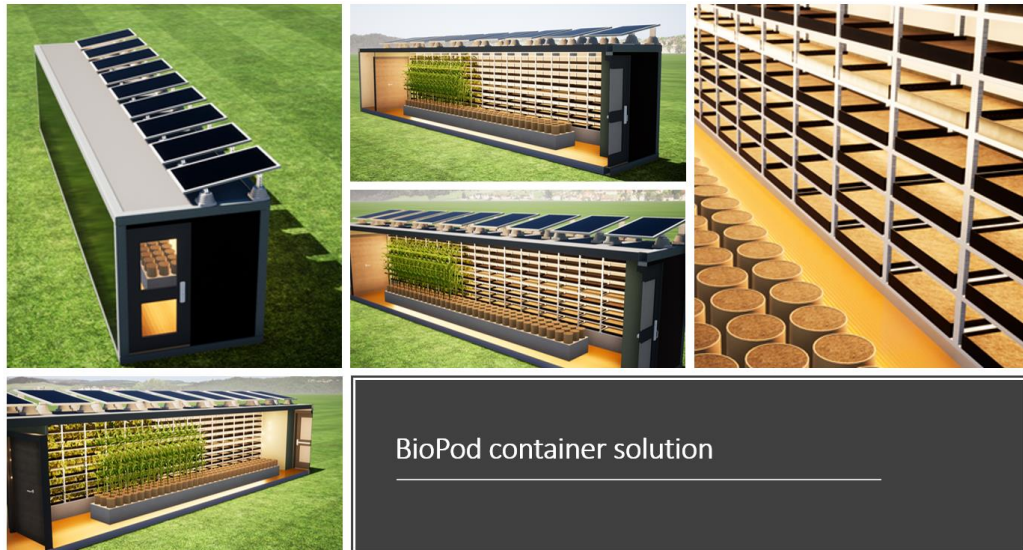


Nordicflexhouse and Nordic Edge are organizing this conference together with other Nordic companies/organizations.

More information: <http://www.nordicflexhouse.dk/wp-content/uploads/2019/12/Save-the-date-NEC-2020.pdf>

BioPod container solution (vertical farming)

Nordicflexhouse is together with Danish and Dutch companies developing a BioPod container solution, that can be used as vertical farming (see picture below). The container solution is ready beginning of 2020.



BioPod solution is a vegetable Ecosystem, where only energy, food waste and water are needed. BioPod is energy – water efficient and a circular economy solution.

The BioPod solution is a closed loop food production operating on a household- or a community level, and integrated as a new urban farm concept of Eco villages or larger scale commercial food production in Ecofriendly industrial agro food parks.

A BioPod Greenhouse of 2000m² is installed in Skive (Jutland) and will also be installed in China in Shouguang city (Shangdong Province) and in Jilin city in Jilin Province. We have a BioPod solution installed in a Tiny house in Odder (Jutland). Both Biopod for residential housing and for greenhouses will also be installed in an Eco village project in Chibi in Hubei province in China.

More information about this project, please contact: Anders Thomsen, Nordicflexhouse (email: ant@nordicflexhouse.dk; phone: 0045 52250493).

