

# SINO-GERMAN AGRICULTURAL CENTER NEWSLETTER

中德农业中心新闻摘要

August 2017 (Issue No 7)

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### **SCIENCE AND TECHNOLOGY**

#### **Mitigating climate threat to China's food security**

[China Daily, 28.07.2017] -- Climate change already has an effect on China. Besides temperature rise, there are other observable effects, such as rising sea levels, melting glaciers, changing precipitation patterns, more droughts and heat waves, and increasing risks of hurricanes, according to the Third National Assessment Report on Climate Change.

[Full article](#)

[Link to abstract of original article](#)

#### **A synthetic analysis of GHG emissions from manure amended agricultural soils in China**

[Nature Scientific Reports, 14.08.2017] -- Application of manure has been recommended as an effective strategy to mitigate climate change. However, the magnitude of greenhouse gases emission derived by application of manure to agricultural soils across environmental conditions still remains unclear. Data from 379 observations in China were synthesized and the responses of soil nitrous oxide (N<sub>2</sub>O), carbon dioxide (CO<sub>2</sub>) and methane (CH<sub>4</sub>) emissions to manure (Org-M) in comparison to chemical fertilizers (Min-F) or non-fertilizers (Non-F) were quantified. Nitrous oxide, CO<sub>2</sub> and CH<sub>4</sub> emissions were significantly affected by Org-M compared to Min-F and Non-F.

[Full article](#)

#### **Plant scientists plan massive effort to sequence 10,000 genomes**

[ScienceCareers.org, 27.07.2017] -- Plans were announced to sequence at least 10,000 genomes representing every major clade of plants and eukaryotic microbes on Earth. On the sidelines of the International Botanical Congress Shenzhen, Chinese sequencing giant BGI and the China National GeneBank (CNGB) held a workshop July 26, 2017 to discuss what they call the "10KP plan". This plan will be a key part of the Earth BioGenome Project, an ambitious scheme to get at least rough sequence data on the 1.5 million eukaryotic species, starting with sequences of one member of each of the 9000 eukaryotic families.

[Full article](#)

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### **Revitalize the world's countryside**

[Nature, 16.08.2017] -- A rural revival is needed to counter urbanization across the globe, say Yansui Liu and Yuheng Li. The proportion of people living in urban areas around the world rose from 33% in 1960 to 54% in 2016, with particular growth in Asia and Africa. In most regions, countryside communities are becoming less viable, even when their populations are slowly rising, too. In China, last year alone, nearly 170 million peasant workers left their home villages and towns for cities. The number of jobs in rural China fell by more than 20% between 1990 and 2014, while in 2015, migrant workers earned about 21% more in cities than their counterparts in the countryside.

[Full article](#)

### **CCCAP research facility launched in Beijing**

[Agri.gov.cn, 13.07.2017] -- The Handover Ceremony of the International Potato Center (CIP) - China Center for Asia Pacific (CCCAP) Yanqing Premises was held in Beijing on 11 July 2017. Vice Minister Qu, Dongyu stated that the handover marks a historic moment since 2004, and this should be attributed to the support by the national leadership and the joint efforts of the Ministry Of Agriculture (MoA), the Beijing Municipal Government, the Chinese Academy of Agricultural Sciences (CAAS) and the Yanqing District Government. The year of 2018 will mark the 40th anniversary of China-CIP cooperation.

[Full article](#) (From China Agri-food News Digest No 55, July 2017)

### **Fund punishes scientists for academic fraud**

[China Daily, 25.08.2017] -- Government-funded scientists who were embroiled in an academic scandal have received warnings or have been banned from applying for funding. In April 2017, Springer, the publisher of Tumor Biology through 2016, had retracted research papers by Chinese authors after discovering they had been compromised by fake peer reviews. 18 papers concerned projects funded by the China's National Natural Science Fund.

[Full article](#)

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### **Chinese researchers create antioxidant-rich purple rice to combat cancer, other diseases**

[Xinhua, 03.07.2017] -- According to a study published in the journal Molecular Plant in early July, researchers in China have successfully created genetically modified purple rice, which is rich in antioxidants and thus has the potential to reduce the risk of cancer and other diseases. High levels of anthocyanins, a group of antioxidant-boosting pigments that also provide the purple, red or blue colors of many fruits and vegetables, led to the added health benefits of the new rice.

[Full article](#) (From China Agri-food News Digest No 55, July 2017)

### **The world's first pigs cloned by robotic instrument born in Tianjin**

[People.cn, 04.07.2017] -- The Robotics Institute at Nankai University in Tianjin cooperated with the Animal Husbandry and Veterinary Research Institute headed the study on cloning pigs derived from somatic cells was proved successfully recently, as test results show the new-born pigs and their surrogate sows are unrelated. The technique involved is called somatic cell nuclear transfer, a classic technique used for improving the variety of crops.

[Full article](#) (From China Agri-food News Digest No 55, July 2017)

### **Crayfish came from China, not North America**

[China Daily, 13.07.2017] -- According to a researcher at the Nanjing Institute of Geology and Paleontology, Chinese Academy of Sciences, crayfish originated in China, not North America as commonly believed. Shen Yanbin at the said the oldest fossil crayfish found in China dates to 124 million years ago, while the oldest one found in North America can only be traced back 100 million years. According to Shen, it is by far the earliest fossil crayfish found in the world.

[Full article](#)

### **Yangling produces new breed of apples**

[China Daily, 06.07.2017] -- A new breed of apple was developed in China's only agricultural high-tech industries demonstration zone, Yangling in Shaanxi province. This new kind of apple is delicious and of high yield. of high-quality, red and late-maturing new varieties apples. Was developed by local scientists and farmers began working on a hybrid of Chinese qin guan and Japanese fuji apples. since 2004.

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### **How China's cutting-edge drones are transforming the nation**

[SCMP, 12.08.2017] -- From monitoring pollution to displaying 'fireworks' to revolutionizing farming, the sky's the limit for these hi-tech flying machines. A major application for drones is in agriculture. Liu Jun, a farmer from the village of Dongan, Yanshou county, in northern China's Heilongjiang province, said that this summer it was almost impossible to cross a field without hearing the buzzing of drones, and that their performance had changed farmers' suspicions of new technology. Employing drone pilots saves farmers money, too, as they don't need to recruit lots of people to spray pesticides. Also, as awareness of the hazards of chemicals has grown, fewer young people have been willing to do the job the traditional way. Moreover, drones perform better and are more precise than the traditional aircraft sometimes used for crop spraying.

[Full article](#) (From China Agri-food News Digest No 56, August 2017)

### **Indian scholar believes India, China can cooperate in various fields**

[Xinhua, 03.08.2017] -- In a recent interview with Xinhua, Varaprasad S. Dolla, a professor from Jawaharlal Nehru University, said that the domains where both India and China can collaborate and cooperate were limitless provided that both of them are willing to take up this issue of collaboration. "Definitely the science and technology domain can have more partnerships; we can have more research institutes coming together", said the expert. "We can actually learn some lessons from Chinese experience, both in terms of the good experiences, the best practices as well as the challenges that China encountered in the process". Another area in which the two countries enjoy cooperation potential is agriculture. "Agriculture production in China has been more or less quite stable, but we (Indians) have been facing a lot of grave crises. Therefore we need to see how the Chinese have been able to address the agriculture growth and then see whether we can pick up some lessons."

[Full article](#) (From China Agri-food News Digest No 56, August 2017)

### **China highlights importance of vocational schools**

[China Daily, 31.08.2017] -- The Ministry of Education (MOE) announced on August 30, 2017 that China now has a total of 12,300 vocational schools with over 26.8 million enrolled students. Wang Jiping, an official with the MOE, said that vocational schools nationwide have set up nearly 1,000 majors and 100,000 vocational training courses, recruiting an average of 9.3 million students each year. In recent years, China has been highlighting the importance of vocational education, underlining its growing role in industrial upgrading, job creation and poverty alleviation.

[Full article](#)

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### ENVIRONMENTAL POLICIES

#### **World Bank finances China's farmland pollution control**

[Xinhua, 23.08.2017] -- The World Bank is to lend 100 million U.S. dollars to a program to reduce heavy metal pollution in China's largest rice-producing province. The program will make plans for about 8,000 hectares of arable land in central China's Hunan Province and develop a monitoring database and risk management tool. The lending will cover most of estimated 112 million U.S. dollars required and the rest will come from the Hunan provincial government and counties where the program is carried out from 2017 to 2023. The program will also contain studies on sustainable financing and to be transferred to other parts of China. Hunan produces one tenth of the country's rice production but is also home to many polluting industries. Farmland has long been polluted by industrial waste and mine tailings.

[Full article](#) (From China Agri-food News Digest No 56, August 2017)

#### **Price of clean water 'a good deal'**

[China Daily, 14.08.2017] -- Millions of people are benefiting from a collaborative ecological preservation project between upstream Anhui and downstream Zhejiang provinces, through which the 373-kilometer Xin'an River passes. Xin'an River has more than 680 tributaries within a drainage area of more than 11,000 square kilometers. Thanks to Anhui's measures, water flowing to Zhejiang has met the quality standard every year since 2012, which means it qualifies to receive annual financial support from both Zhejiang and the central government. The Xin'an River management model offers valuable lessons for the protection of other big rivers, allowing better-off downstream provinces to help the often less-developed upstream regions protect local ecology and environment.

[Full article](#)

#### **Soaking it up**

[China Daily, 21.07.2017] -- China's green concept of 'sponge cities' to mitigate flood risk and better manage rainwater resources will have applications all over Asia. The Chinese government's 13<sup>th</sup> Five-Year Plan (2016-20) highlighted water conservation as its first priority in the nation's building infrastructure network. China's urban green development program is changing the concept of city planning. The old focus on concrete and asphalt is being replaced with parks, wetlands and drainage systems that collect, filter and store water underground and take the excess away from built-up areas to deposit it downstream. As an urban development specialist said, "What you are looking at is basically an urban sponge."

[Full article](#)

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### **ENVIRONMENT AND ENERGY**

#### **Asia faces disaster from soaring temperatures if climate change unchecked**

[China Daily, 14.07.2017] – In a new report by the Asian Development Bank (ADB) and the Potsdam Institute for Climate Impact Research (PIK) released on July 14, 2017, scientists warned that climate change will bring soaring temperatures, more intense storms, erratic rainfall, plummeting crop yields and a collapse of coral reefs to Asia-Pacific. Unless countries quickly and strongly implement their commitments under the Paris climate pact, including climate change mitigation and adaptation efforts, the region's future growth and security - as well as the welfare of hundreds of millions of people - are at stake.

[Full article](#)

[Original report by ADB and PIK](#)

#### **Protected red pine making comeback**

[China Daily, 18.08.2017] -- Thanks to multiple measures, such as bans on cutting and increased public awareness, the red pine, a protected species, has recovered a little in Yichun, Heilongjiang province, after decades of deforestation. In the first years of the 20th century, more than 60 percent of the world's natural red pines were scattered through northeastern China—half of that in the Lesser Khingan Mountains, where Yichun is situated. The trees are under national protection, but they were cut for six decades, mainly for construction. According to historical data from the city government, the red pine saw a dramatic drop in coverage—from 1.1 million hectares in 1948 to just 40,000 hectares in 2004.

[Full article](#)

#### **New steps to tackle air pollution set for Beijing region**

[China Daily, 23.08.2017] -- China will launch a regional campaign to help the Beijing-Tianjin-Hebei region and neighboring provinces control air pollution this autumn and winter, with more effort placed on regulating government officials and companies that pollute. Liu Youbin, a senior official from the Ministry of Environmental Protection's publicity department, said on August 22, 2017 that the ministry had drawn up a series of plans for the regional campaign, which will start soon. The ministry's data showed that in the first seven months, the region's PM2.5 average concentration increased by 11.3 percent year-on-year. As the central government required in 2013, the average PM2.5 concentration in the region should by the end of this year [2017] be cut by 25 percent from the 2012 level.

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### **AGRI-BUSINESS AND TRADE**

#### **US, Canada vie to satisfy China's voracious appetite for pork**

[China Daily, 10.07.2017] -- After a sharp rise last year, Canada's pork sales to China exceeded those of the US in the first quarter of 2017. China is both the leading producer and the largest consumer of pork. Canadian farmers have almost completely removed the growth drug ractopamine from their pigs' diet, largely because it is banned in China. In contrast, the US exports to China are limited because only about half of the US herd has been weaned off the drug. The EU has long banned it and is among China's top foreign pork suppliers.

[Full article](#)

#### **Agricultural imports in 2017 rise rapidly**

[China Daily, 18.07.2017] -- Driven by price gaps between domestically produced products and imported products, China's imports of major agricultural products continued to increase fast in the first five months of the year, according to the Ministry of Agriculture (MoA). Imports of some major agricultural products kept increasing quickly between 2011 and 2016, with grain imports increasing at an average annual rate of 32.2 percent, meat at an average annual rate of 24.9 percent, and dairy at 16.6 percent during the five-year period.

[Full article](#) (From China Agri-food News Digest No 55, July 2017)

#### **More imported food fails China's quality tests**

[Xinhua, 15.07.2017] -- China's consumer quality watchdog, the General Administration of Quality Supervision, Inspection and Quarantine (AQSIQ) said in a white paper that 35,000 tonnes of imported food products failed to pass quality inspections last year, up 325.2 percent year on year. Coming from 82 countries and regions, those products had a total value of 56.54 million U.S. dollars, up 135.5 percent year on year.

[Full article](#) (From China Agri-food News Digest No 55, July 2017)

#### **COFCO hungry to beef up its presence in global food trade**

[China Daily, 20.07.2017] -- China National Cereals, Oils and Foodstuffs Corp (COFCO), the country's biggest food trader by revenue, will accelerate its pace of building warehouses and logistics facilities in the world's major grain-producing regions this year, Wan Zao Tian, COFCO's vice-president, said on July 19<sup>th</sup>, 2017.

[Full article](#)

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### **China, US reach certain consensus on agricultural cooperation during economic talks**

[China Daily, 21.07.2017] -- During the first China-US Comprehensive Economic Dialogue (CED) concluded on July 19<sup>th</sup>, 2017, China and the United States have reached certain consensus on agricultural cooperation. A statement released by a Chinese delegate to the dialogue said that both countries had reached an agreement on inspection and quarantine protocols for US rice exports to China. According to the USDA, US rice export to China can begin following the completion of an audit of US rice facilities by China's AQSIQ.

[Full article](#) (From China Agri-food News Digest No 55, July 2017)

### **Rice deal opens up huge market**

[China Daily, 22.07.2017] -- As the Ministry of Commerce said on July 20<sup>th</sup>, 2017, China started to allow rice imports from the United States for the first time as part of the latest effort to enhance bilateral trade in agricultural products. Ding Lixin, a researcher at CAAS said that due to different rice taste preferences, the US rice may be used by Chinese food processing, chemical and alcohol businesses. Xu Xiaoqing, of the State Councils Development Research Center said "Increasing rice, corn, soybean and wheat imports [...] can help China enhance its grain security and make more arable land available for vegetables and fruits".

[Full article](#)

### **High costs challenge China's agricultural competitiveness: Report**

[China Daily, 24.07.2017] -- According to a report by the Rural Development Institute of the Chinese Academy of Social Sciences, high costs in grain production are posing challenges to China's agricultural competitiveness. Rapidly-growing labor and land costs have boosted prices of homegrown farm produce to levels near or even higher than imported grain, which is therefore securing more market share. The combined costs per mu (around 0.07 hectare) of rice, wheat and corn hit 1,090 yuan (more than \$160) in 2015, 2.27 times that of 2007.

[Full article](#)

### **World Bank to pour more investment into Chinese projects**

[China Daily, 01.08.2017] -- International Finance Corp (IFC), the private sector financing arm of the World Bank Group, plans to increase its investment in China's agriculture, pollution control and urbanization projects over the next three years, according to Vivek Pathak, IFC's regional director for East Asia and the Pacific.

[Full article](#)

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### **EU launches 'in-depth investigation' into Bayer bid for Monsanto**

[Raidió Teilifís Éireann (RTE), 22.08.2017] -- The European Commission has started an in-depth investigation of Bayer's planned \$66 billion takeover of US seeds group Monsanto. It said the deal would create the world's largest integrated pesticides and seeds company, adding this limited the number of competitors selling herbicides and seeds in Europe. The Commission has approved others deals in the industry, such as Dow's tie-up with DuPont and ChemChina's takeover of Syngenta, though only after securing big concessions.

[Full article](#)

### **Farm produce quality improves in China**

[Xinhua, 17.08.2017] -- According to Guang Defu, director of the Bureau of Quality and Safety Supervision for Agro-products of the Chinese Ministry of Agriculture, farm produce quality has improved steadily over the past five years as more than 96 percent of the output passed a quality check. The MoA has laid out comprehensive safety standards including more than 6,000 quality standards in pesticide and veterinary residue and more than 5,000 other industry standards. Green and organic food standards were applied in a greater scope.

[Full article](#) (From China Agri-food News Digest No 56, August 2017)

### **China's green food companies exceed 10,000**

[Xinhua, 18.08.2017] -- Latest statistics showed China has more than 10,000 accredited green food companies producing more than 26,000 types of products. According to Wang Yunhao, director of China Green Food Development Center (CGFDC), China's green food industry is growing fast and gradually expanding its market share. For a company or product to be accredited as Green Food, it has to meet standards set by the CGFDC under the Ministry of Agriculture in relation to the reduction in use of agriculture chemicals.

[Full article](#) (From China Agri-food News Digest No 56, August 2017)

### **Young urbanites enticed by customized farm produce**

[Xinhua, 21.08.2017] -- Customized farm produce, grown without using pesticides or fertilizers, is attracting growing interest from well-off urban consumers, especially the young, as Chinese pay more attention to food safety. The Internet is assisting supply-side reform in agriculture. According to a report released last year by Ali Research Institute of Alibaba, China had 65 million "online green consumers" in 2015, 15 times as many as in 2011.

[Full article](#) (From China Agri-food News Digest No 56, August 2017)

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### **As China's appetite for steak grows, Beijing ends its beef with imports**

[Reuters, 24.08.2017] -- China, the world's top meat market, is loosening longstanding restrictions on beef imports from major suppliers to feed the appetite of the country's growing middle class for steaks and ribs. Over the past few decades, Beijing banned imports of beef from European countries and the United States during outbreaks of mad cow disease. Beef is now the fastest-growing meat in China, outstripping stagnant demand for more widely eaten pork as consumers look to reduce fat in their diets. But supplies are unlikely to keep up with demand given the high cost of raising cattle in China, prompting the government to rethink its import restrictions. Ending a 14-year ban, the curbs on US beef were lifted in June.

[Full article](#) (From China Agri-food News Digest No 56, August 2017)

### **Organic tea planters sow seeds of a more sustainable future**

[China Daily, 21.08.2017] -- The 1,200-year-old village of Youlong in Huangshan city's Xiuning county in Anhui province is a center for the cultivation of organic tea. One of China's first organic tea planters, Fang Guoqiang, president of Huangshan Xin'anyuan Organic Tea Development, has played a key role in the village's transformation over the past 20 years. Last year, Fang's cooperative exported organic tea worth \$6 million to the US, Germany, the United Kingdom and France. In 2010, a buyer from Germany visited the tea gardens, and was so impressed by the farmers' rigorous organic planting and the well-preserved natural conditions that he offered them 100,000 euros (\$117,600) a year to encourage them to maintain their high standards.

[Full article](#)

### **Struggling startups search for investors**

[China Daily, 25.07.2017] -- As Hu Yongqi reports from Yangling, a city in Shaanxi Province renowned for agricultural research and technology, young entrepreneurs are fighting to find funding for newly developed techniques that could benefit the nation's agricultural sector. In 2006, Jiang Yiliang was a freshman at Northwest Agriculture and Forestry University in the Yangling Demonstration Zone. Nine years after he graduated, Jiang became the founder and CEO of Xi'an Jinhua Ecological Technology Co, one of a number of agriculture-related startups in Yangling.

[Full article](#)

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### **AGRICULTURAL POLICIES**

#### **Rural economy needs new impetus**

[China Daily, 22.07.2017] -- According to a report by the Chinese Academy of Social Sciences (CASS) on China's rural development published on July 21, 2017, the country needs to deepen reforms in rural areas to bring fresh impetus to the rural economy, which has seen growth rates slow. Professor Wei Houkai, lead author of the annual report, said that in recent years, the rapid growth in agricultural costs has severely affected the competitiveness of China's grain in the international market and the industry's efficiency.

[Full article](#) (From China Agri-food News Digest No 55, July 2017)

#### **China's farmland slightly shrinks in 2016**

[Xinhua, 22.07.2017] -- China's total farmland area dropped slightly in 2016, while the amount of construction land went up, official data showed. At the end of 2016, China had a total of 2.024 billion mu (about 1.349 million ha) of farmland, down 1.153 million mu from 2015, according to a survey by the Ministry of Land and Resources (MLR). Under a new target set by the MLR in 2016, China must retain at least 1.865 billion mu (1.243 million ha) of farmland in 2020, which is above a government red line of 1.8 billion mu (120 million ha).

[Full article](#) (From China Agri-food News Digest No 55, July 2017)

#### **China allocates funds to develop eco-agriculture**

[Xinhua, 22.08.2017] -- The Ministry of Finance (MOF) said in a statement on August 22, 2017 that China has earmarked 605 million yuan (around 90 million U.S. dollars) from the central budget to bolster eco-agriculture. The funds will be used for 61 circular projects, projects which create economic development through environment and resource protection, in 23 provincial areas to develop a sustainable rural economy. In the statement, the provinces of Hebei, Shanxi and Inner Mongolia Autonomous Region were highlighted.

[Full article](#)

#### **China promotes livestock farming in NE to digest corn stocks**

[Reuters, via nasdaq.com, 10.08.2017] -- China wants to turn its grain basket in the NE into a national meat and dairy production base, said the Ministry of Agriculture on August 10 2017, as part of a broader plan to create stronger demand for the region's main crops. Heilongjiang, Jilin, Liaoning and Inner Mongolia account for around a quarter of China's total grain output, but most of it has to be shipped to feed mills further south to supply China's animal farms.

[Full article](#) (From China Agri-food News Digest No 56, August 2017)

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### **Energy hogs: China targets farm waste as a 'clean' power source**

[Reuters, 30.08.2017] -- The Ministry of Agriculture said on August 30, 2017 that China will pay farmers to turn animal poo into fertilizer and power, as Beijing cracks down on agricultural pollution that has for years leaked into rivers and lakes, angering Chinese residents. According a government plan announced on Aug. 1, China will give farmers subsidies to build animal waste processing facilities to make fertilizers or to treat manure so it's safe for disposal, and to install biogas plants that use methane to generate electricity,.

[Full article](#) (From China Agri-food News Digest No 56, August 2017)

### **EU selects 20 young farmers for free study trip to China**

[Xinhua, 06.08.2017] -- A press release published on EU's official website said that the European Union (EU) is currently calling for 20 young farmers to join an exchange program to share knowledge and farming experience with Chinese young farmers. The scheme is open to any EU-based farmer aged under 40, and the deadline for applications is Sept. 10 for two study trips to China in November 2017 and June 2018. Besides the maximum age limit, applicants should also have good knowledge of English, high level of experience and interest in sustainable agriculture and high level of interest in Chinese agriculture.

[Full article](#) (From China Agri-food News Digest No 56, August 2017)

### **China approves 10 international agricultural parks**

[Reuters, 07.08.2017] -- China has approved plans to establish international agricultural demonstration zones in 10 countries, the agriculture ministry said on August 7, 2017. The projects include an agriculture technology park in Laos, an agricultural products processing zone in Zambia and a fisheries park in Fiji, and are part of China's "Belt and Road" initiative.

[Full article](#) (From China Agri-food News Digest No 56, August 2017)

### **Reforms key to a healthy agrifood sector**

[China Daily, 19.09.2017] -- A remarkably straightforward and comprehensive article was published by Fan Shenggen, director of the Washington based International Food Policy Research Institute (IFPRI) and renowned international expert agro-economist. The article is naming all the hot issues China is facing in the sector, such as high prices and costs, lack of competitiveness, nutritional problems, strains on natural resources, food safety and quality, rural finance, training, education, extension, etc. Three recommendations focus on structural reforms within the agrifood sector, policy innovations and efficient and inclusive value chains.

[Link to article](#)



## **SINO-GERMAN AGRICULTURAL CENTER NEWSLETTER**

中德农业中心新闻摘要

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### **NEWS FROM DCZ AND PARTNERS**

For news on activities carried out and forthcoming events at the German-Chinese Agricultural Center (DCZ), please directly consult our website, which is updated frequently:

[www.dcz-china.org](http://www.dcz-china.org)

News items covering recent and upcoming events:

### **Workshop on Agricultural Support Policy in China and Germany**

Over 100 high ranking experts, Government officials and interested public gathered on 17 August 2017, for a one-day workshop to reflect on the agricultural support policies of China and Germany. The audience was welcomed by Mr. Tang Shengyao, Deputy Director General of the Department of International Cooperation of the P.R.C. Ministry of Agriculture (MoA) and by Mr. Axel Wildner, the new Agricultural Counselor at the German Embassy on behalf of the German Federal Ministry of Agriculture (BMEL). Dr. Ye Xingqing, Director General of the Research Department of Rural Economy at the Development Research Center of the State Council (DRC) gave a key note speech on “Shifts and Policy Trends of China’s Agricultural Development”.

[Read more](#)

### **DCZ Study Reports now available**

Besides this regular “Newsletter”, DCZ’s product portfolio consists of “Mission reports” of short-term expert assignments, “Background information reports” (e.g. translations of Chinese policy guidelines), and the website [www.dcz-china.org](http://www.dcz-china.org) with the latest news and information made available. Furthermore DCZ commissions “Study reports” to local and international experts and extracts “Policy Briefs” of various agricultural policy-related issues. Two Study reports are now available:

“Support and protection of modern agriculture in China - an overview of Document No. 1, 2017” and

“Agricultural subsidy policies and its development in PR China”

[Summaries can be found on the DCZ website](#)

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### **New paper on dual education systems**

Prof. Dr. Herbert Ströbel, expert in agricultural vocational education and training, has been commissioned to organize study visits for more than 40 people from developing and emerging countries, i.e. Africa, India and also China, in 2016. The delegation groups came to Bavaria to learn about the German dual agricultural vocational system. The article depicts the visit program in detail and mentions a “Guideline” to be published in the end.

[Full article in German](#)

[Full article in Chinese](#)

### **Save the date: Third German-Sino Agricultural Week 2017**

The German-Chinese Agricultural Center (DCZ) cordially invites you to the Third German-Sino Agricultural Week 2017 from 27 November – 01 December 2017. This event will mark a high point in a year of fruitful and successful projects of the DCZ. Besides the central “Open day” (29 November 2017), a scientific workshop on “Food and Nutrition – Strategies and Research” (30 November – 01 December 2017) will be organized, amongst other events

Please find the [“Save the Date”](#) with more details here.

### **Please register: DCZ Open Day on 29th November 2017**

The German-Chinese Agricultural Center (DCZ) cordially invites you to actively participate in the DCZ Open Day at Zhong Ou Hotel, Conference Room in Beijing during the Third German-Sino Agricultural Week 2017. The DCZ is providing the frame and organizational setting. Actively use this space to present your work through short presentations, and/or a poster session and stands. We are open to Sino-German initiatives in the agricultural and food sector from projects, science and business. DCZ Open Day is a meeting place, where contacts can be made with multiple stakeholders of the Sino-German agricultural sector. There is ample opportunity for networking including a dinner reception.

Please register and send us an E-Mail: [oliver.rogall@giz.de](mailto:oliver.rogall@giz.de)

### **Third Field Day of DCALDP to be held 28 September 2017**

On 28 September 2017, the 3<sup>rd</sup> Agricultural Field Day of the Sino-German Crop Production and Agrotechnology Demonstration Park (DCADLP) will be organized on the Huanghai Farm. The project team is looking forward to welcome you to Dayou Town, Xiangshui County, Yancheng City, Jiangsu Province.

[For full information](#)

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### **Invitation to 2<sup>nd</sup> Seminar on Best Practice in Manure Management**

The Sino-German Animal Breeding Project and its Chinese counterpart the National Animal Husbandry Service (NAHS) cordially invite you to the 2<sup>nd</sup> Seminar on “Best Practice in Manure Management” on 12 – 13 October 2017 in Dingzhou, Hebei Province. The relevance of sustainable use of organic residues from animal farms in China is higher than ever. Environmental protection, efficiency and economics are leading the dairy farm sector today. “Best Practice in Manure Management” strongly supports the integration of the issue of manure into an overall farming concept that optimizes the processes of manure operation, storage and spreading on the fields, starting from improved own forage production to achieve closed nutrient cycles.

[For full information](#)

### **Inauguration of Sino-German Regional Center for Biomass Research in Hefei**

On 11 August 2017, the DBFZ, the German Centre for Biomass Research, established together with the Hefei University the “Sino-German Regional Center for Biomass Research” for the province of Anhui (“C-DBFZ Anhui”). The main objective of C-DBFZ Anhui is the joint cooperation in the material and energetic utilization of biogenic residues in the province of Anhui (65 million inhabitants). In particular, it will look for solutions for the utilization of organic (kitchen) waste from restaurants and private households, the sustainable use of agricultural residues from the quickly developing animal husbandry (manure, dung) and the ecological recovery from harvest residues, especially straw.

[Link to news on DBFZ website](#)

### **New Sino-German Center for Biomass Research in Beijing**

On 18 August 2017, the Sino-German Center for Biomass Research (C-DBFZ) at the Chinese Academy of Agricultural Engineering (CAAE) was inaugurated in Beijing. After a long period of preparation, this new Center will foster the Sino-German cooperation in the field of biomass research. It will be a hub for binational research addressing challenges in agricultural and energy issues, particularly related to environmental and climate aspects. The inauguration ceremony was also attended by Dr. Marco Roelcke, science advisor at the German-Chinese Agricultural Center (DCZ). Close links are expected to develop between the two Centers, both on an institutional as well as on a research exchange level.

[Link to news on DBFZ website](#)

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## Vacancies for internships at DCZ

- For Chinese native speakers, with very good knowledge of English. Tasks include working on documents, translations, as well as support in office management.
- Für internationale Studierende der Agrar-, Umwelt- oder politischen Wissenschaften, mit sehr guten Englischkenntnissen, und bevorzugt mit chinesischen Sprachkenntnissen. Die Aufgabenfelder orientieren sich an den Schwerpunktthemen des DCZ und werden von Fall zu Fall vereinbart.

Interested candidates please contact the DCZ under [yinqjuan.li@giz.de](mailto:yinqjuan.li@giz.de)

## Imprint:

DCZ Newsletter compiled and edited by Ms. Amanda Yueqiao Wu and Dr. Marco Roelcke, German-Chinese Agricultural Center (DCZ), Beijing, P.R. China. For questions, comments, please contact [marco.roelcke@giz.de](mailto:marco.roelcke@giz.de) or [marco.roelcke@dcz-china.org](mailto:marco.roelcke@dcz-china.org)

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**V.i.S.d.P.:** Dr. Marco Roelcke, Deutsch-Chinesisches Agrarzentrum (DCZ), Peking, VR China. [www.dcz-china.org](http://www.dcz-china.org)

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