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Focus: China-ASEAN Technology Transfer and Collaborative Innovation Forum



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Vice-Minister of Science and Technology Xu Nanping Attends 7th China-ASEAN Technology Transfer and Collaborative Innovation Forum and Delivers a Keynote Speech

On September 20, 2019, the 7th China-ASEAN Technology Transfer and Collaborative Innovation Forum co-sponsored by the Ministry of Science and Technology and Guangxi Zhuang Autonomous Region's government. This Forum was part of the 16th China-ASEAN Expo, and consisted of a series of activities including the first "10+3" Young Scientist Forum, Advanced Technology Exhibition and China-ASEAN Forum on Sustainable Development and Innovation Cooperation.

At the opening ceremony and the first "10+3" Young Scientist Forum, Chinese Vice-Minister of Science and Technology Xu Nanping delivered a keynote speech. He noted that 2019 is the first year to implement the China-ASEAN Strategic Partnership Vision 2030, and that opportunity should be seized to upgrade science, technology and innovation (STI) cooperation to a new level. He proposed that people-to-people exchanges should be expanded to boost the training of scientists; communication on science and technology policies should be enhanced to align development strategies; Innovation cooperation platforms should be fostered to create a better environment for common development. China will work with ASEAN to implement Belt and Road Science, Technology and Innovation Action Plan and China-ASEAN Science and Technology Partnership Program and build a closer community with a shared future.



10th Meeting of China-ASEAN Joint Committee on Science and Technology Held in Guangxi

On September 21, 2019, the 11th meeting of China-ASEAN Joint Science and Technology Committee was held in Nanning, Guangxi.

Counsel Li Xin from the Department of International Cooperation of the Chinese Ministry of Science and Technology and Rowena Cristina Guevara co-chaired the meeting. The meeting brought together representatives from the Chinese Ministry of Science and Technology, science and technology authorities of ASEAN member states and officials from ASEAN Secretariat. With many agreements reached, the meeting was very productive.

The Chinese and ASEAN sides briefed each other on the latest S&T development and policy updates, spoke highly of the progress in researcher exchanges, building of joint research platforms and technology transfer cooperation. The action plan for the Joint Statement of the 21st China-ASEAN Summit was discussed, charting a course for future China-ASEAN STI collaboration.

Initiated in 1994, China-ASEAN Joint Committee on Science and Technology meets regularly alternately in China and ASEAN countries. The 11th Joint Committee meeting will be held in Malaysia in 2020.

Four highlights: The Forum's technology match-making events of the Forum

Highlight 1: Accommodating ASEAN countries' needs

A session focusing on ASEAN countries' cooperation needs was held, involving 7 ASEAN countries, namely Thailand, Cambodia, Indonesia, Laos, Malaysia, Myanmar and Vietnam, and famous domestic high-tech enterprises. Several outstanding ASEAN young scientists were invited to deliver keynote presentations. For the very first time, a briefing event focusing specifically on Singapore technologies was held. Featuring Nanyang Technological University and Sino-Singapore International Joint Research Institute, the event was mainly about Singapore's new energy and new materials technologies.

Highlight 2: Involving multiple thematic fields for the first time

With the joint efforts of the 4th Institute of Oceanography of the Ministry of Natural Resources, China-ASEAN Satellite Navigation Alliance and the Bayuegua Intellectual Property Innovative Service

Cloud Platform, China-ASEAN match-making events on marine science and technology, Beidou technology and application, and medicine and health were held. It's the very first time for the areas of marine science and technology and Beidou technology to appear at the event. DJI, a UAV giant, was invited to showcase the latest achievements made with the 4th Institute of Oceanography and Yuchen, an IT company based in Guangzhou, in using the UAV ultra-low altitude remote sensing technology for coastal reef monitoring, mapping and inspection, mangrove protection, invasive vegetation investigation, and water quality monitoring. A large-scale agricultural matchmaking session was organized by Guangxi Academy of Sciences and Worldwide Institutes Alliance for Achievements Transformation (WIAAT) joined the Chinese Academy of Agricultural Sciences and the Chinese Academy of Agricultural Sciences.

Highlight 3: Briefing event on technology transfer and commercialization policies

Besides exhibitions, experts from the Ministry of Science and Technology, technology transfer organizations, universities and research institutes were invited to brief the participants on basic ideas about technology transfer, the evolution of reform of national policies on promoting technology transfer, and measures in place for the purpose. The briefing events were held to accelerate the application of research results of China and ASEAN, enhance the contribution of science, technology and innovation to economic growth, accelerate the translation of research achievements into productivity, and bring the industry, academy, venture capital and intermediary agencies into the technology transfer and commercialization.

Highlight 4: Involving more countries and broader areas

In light of the needs of China and ASEAN countries and the sectors of focus for technology transfer, roadshows were organized on 6 thematic areas, with 45 projects presented, and speakers and presenters coming from 8 ASEAN countries. This was the biggest ever in the history of the Forum. And it covered a wider range of areas, including people-to-people exchanges, new energy, new materials, medicine, health, agriculture, Beidou navigation, and marine science and technology. It attracted a bigger number of famous institutions, such as Zhejiang University of Technology, Capital Medical University, Sino-Singapore International Joint Research Institute, Nanyang Technological

University, Shenzhen-based DJI, Guangzhou Phar. Holdings, the Chinese Academy of Sciences and the Chinese Academy of Agricultural Sciences.

Four Firsts: The Forum's technology match-making events

First "10+3" Young Scientist Forum held

Young scientists from ASEAN, Japan and ROK were brought together to China to discuss innovation and entrepreneurship, technology transfer and cross-border research collaboration, and people-to-people exchanges.

100 ASEAN young scientists brought together for training and exchanges in multiple fields for the first time

To implement Belt and Road Science, Technology and Innovation Action Plan, and promote people-to-people exchanges and training, 5 ASEAN-focused training programs were organized in Guangxi, and about 100 trainees attended "10+3" Young Scientist Forum, sharing ideas on a wide range of fields such as modern agriculture, traditional medicine, mariculture, livestock and veterinary.

First ASEAN countries' young scientists InnoTour to China

This event aimed to promote the sharing of ideas between young scientists of China and ASEAN, increase science, technology and innovation cooperation, and establish stable channels and networks for further technology transfer and innovation cooperation between China and ASEAN countries.

First China-ASEAN Forum on Sustainable Development and Innovation Cooperation

With a focus on sustainable utilization of karst resources, the participants explored technological routes and systemic solutions for natural landscape conservation, innovative development of eco-industry and innovation-driven capacity building. It aims to expand cooperation areas between China and ASEAN and promote sustainable development of industries.

Meanwhile, as an important part of ASEAN Expo and the most popular event among enterprises, the Matchmaking Session of Advanced Technology Exhibition was held simultaneously at Nanning International Convention and Exhibition Center.

The Forum facilitates the signing of important S&T cooperation agreements and the integrated development of innovators

At the opening ceremony, a series of major China ASEAN S&T cooperation agreements were signed. They fell into three types:

1. Bilateral technology transfer mechanisms, such as the signing of an MOU on technology innovation cooperation and technology transfer between China-ASEAN Technology Transfer Center and Cambodia's National Committee for Science and Technology (NCOST).

2. Platforms, including China-ASEAN Joint Laboratory on Integrated Transport between Nanning University, Southwest Jiaotong University, Beijing Jiaotong University, and universities in Malaysia, Thailand and Cambodia, Joint Laboratory on Urology between Guangxi Medical University No.1 Affiliated Hospital and ASEAN countries, Innovation Incubator between Asian Association of Business Incubation (AABI) and ASEAN, and Joint Innovation Center of Internet Application Technology between China-ASEAN Information Harbour and ASEAN countries including the Philippines and Malaysia.

3. Innovation resource cooperation, such as the agreement on Beidou cooperation between the Chinese Academy of Sciences, Guilin University of Electronic Technology and ASEAN countries, the joint research on nano-generator-based ocean wave energy power technology between Guangxi University, National University of Singapore and Nanyang Technological University of Singapore, and joint development of a garden of medicinal plants between Guangxi Botanical Garden of Medicinal Plants and Laos.

Big events for China-ASEAN Technology Transfer and Collaborative Innovation Forum

2013	Launch of CATTC at the opening ceremony of the 10th ASEAN Expo
2014	Held 1st briefing event on ASEAN countries' industrial technology cooperation needs
2015	Brought in New Energy Forum, which is under the umbrella of East Asia Summit
2016	Held 1st Workshop among Chinese Science Diplomats to ASEAN countries
2017	Published "Nanning Initiative" of National Innovation Cooperation Circle for TCM-related Health Industry
2018	Launched ASEAN Young Scientists InnoTour to China