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Editor's Note:

Jointly organized by the Guangdong Administration for Market Regulation, Intellectual Property Department of the Government of the Hong Kong SAR, Economic and Technological Development Bureau of the Government of the Macao SAR (DSEDТ) and People's Government of Foshan Municipality, the Guangdong-Hong Kong-Macao Greater Bay Area High-Value Patent Portfolio Layout Competition 2022 was officially launched in Foshan on 26 April under a hybrid format.

The China Association for Science and Technology (CAST) and the Macao Special Administrative Region (MSAR) Government convened the third annual meeting of the Science and Technology Exchange and Cooperation Committee virtually in May 2022 to discuss on advancing the work related to the cooperation framework agreement signed between the two sides in November 2018. Jointly chaired by Luo Hui, Director-General of the Hong Kong, Macao and Taiwan Exchange Office of CAST, and Tai Kin Ip, Director of the DSEDТ, the meeting was held under a hybrid format and attended by around 30 persons from both sides.

A delegation of the Department of Science and Technology of Guangdong Province made a visit to the DSEDТ on 10 May to have an exchange on the work on technological cooperation between Guangdong and Macao with each other. To assist Macao's



technological development, Guangdong can make available the laboratory facilities in the province to Macao's tertiary institutions for scientific research, as well as support the development of major technological infrastructures and major scientific equipment urgently needed for the development of the MSAR in order to aid the development of platform in the Guangdong-Macao Intensive Cooperation Zone in Hengqin and of international big-science projects.

1. Guangdong-Hong Kong-Macao Greater Bay Area High-Value Patent Portfolio Layout Competition 2022 officially launched on 26 April

Jointly organized by the Guangdong Administration for Market Regulation, Intellectual Property Department of the Government of the Hong Kong SAR, Economic and Technological Development Bureau of the Government of the Macao SAR and People's Government of Foshan Municipality, the Guangdong-Hong Kong-Macao Greater Bay Area High-Value Patent Portfolio Layout Competition 2022 (hereafter the Competition) was officially launched in Foshan on 26 April under a hybrid format.

Themed "Leading the High-Quality Development of an Innovative GBA by High-Value Patents", the Competition this year calls for outstanding technological innovation projects across the whole country, with 10 Gold Awards, 15 Silver Awards and 25 Outstanding Awards to be handed out.

The Guangdong-Hong Kong-Macao Greater Bay Area (GBA) has an immense scientific research power and a good innovation landscape. After three years of careful cultivation and innovative development, the Competition has attracted wide attention in the GBA and from various sectors of the community and become a nationally-known major signature event. It does not only provide participants a great exhibition platform, but also an important channel for realizing and increasing patent value through project matchmaking. In addition, the Competition offers participants more opportunities of exchange and collaboration with other technological innovation teams. Participants can make use of the Competition as a platform to strengthen the connection with other enterprises and tertiary institutions for joint exploration and innovation in industrial state-of-the-art technology, material and application.



Launch of the Guangdong-Hong Kong-Macao Greater Bay Area High-value Patent Portfolio Layout Competition 2022

2. CAST and MSAR Government convene the third Science and Technology Exchange and Cooperation Committee Meeting virtually on 11 May

The China Association for Science and Technology (CAST) and the Macao Special Administrative Region (MSAR) Government convened the third annual meeting of the Science and Technology Exchange and Cooperation Committee (hereafter the Committee) virtually in May 2022 to discuss on advancing the work related to the cooperation framework agreement signed between the two sides in November 2018. Jointly chaired by Luo Hui, Director-General of the Hong Kong, Macao and Taiwan Exchange Office of CAST, and Tai Kin Ip, Director of the Economic and Technological Development Bureau (DSEDT), the meeting was held under a hybrid format and attended by around 30 persons from both sides.

Luo expressed gratitude to the work of the members of the Macao side over the last year on advancing together a number of collaboration projects in Macao. Tai also thanked the contribution made by CAST on Macao's technological innovation development, which further supported the industry-academia-research collaboration between the two places. During the meeting, the two sides briefed on the work of the Committee in 2022 and 2023 and discussed on the Committee's work mechanism, operation protection and future work plans.

Through a good cooperation mechanism, the two sides of the Committee jointly promote

exchange between the Mainland of China and Macao on science popularization, innovation and entrepreneurship, talents and scientific research, among others. This facilitates Macao's moderate economic diversification and reinforcing the foundation for the development of technology and innovation hub on the west bank of Pearl River in the Guangdong-Hong Kong-Macao Greater Bay Area.

Mainland representatives attending this meeting included the persons-in-charge of, among others, the Hong Kong, Macao and Taiwan Exchange Office, Department of Publicity and Culture, Department of Sci-tech Innovation, Department of Science Popularization and China Centre for International Science and Technology Exchange of CAST. Participants of the Macao side included representatives of the DSEDT, Education and Youth Development Bureau, Macao Trade and Investment Promotion Institute, Science and Technology Development Fund, University of Macau, The Association for Promotion of Science & Technology of Macau, Macao University of Science and Technology, Macao Science Center and other relevant authorities and organizations. Yang Hao, Deputy Director-General of the Economic Affairs Department of the Liaison Office of the Central People's Government in the Macao Special Administrative Region, also attended the meeting.



At the third Science and Technology Exchange and Cooperation Committee meeting between CAST and the MSAR Government

3. Delegation of the Department of Science and Technology of Guangdong Province visits the DSEDT on 10 May

A delegation of the Department of Science and Technology of Guangdong Province (DSTGD) made a visit to the Economic and Technological Development Bureau (DSEDT) on 10 May to have an exchange on the work on technological cooperation between Guangdong and Macao with each other. Inspector Wen Zewei, head of the DSTGD delegation, gave an introduction on Guangdong's laboratory system, which includes: 2 National Laboratories that have been planned in Guangdong and Shenzhen of the Guangdong-Hong Kong-Macao Greater Bay Area (GBA); as well as 30 State Key Laboratories and 10 Provincial Laboratories covering 16 prefecture-level cities in the province with specializations in network communication, population and health, advanced manufacturing, material science, marine science, biomedicine, advanced energy, artificial intelligence and digital economy, among other disciplines. To assist Macao's technological development, Guangdong can make available the laboratory facilities in the province to Macao's tertiary institutions for scientific research, as well as support the development of major technological infrastructures and major scientific equipment urgently needed for the development of the Macao SAR in order to aid the development of platform in the Guangdong-Macao Intensive Cooperation Zone in Hengqin and of international big-science projects.

At the meeting, Tai Kin Ip, Director of the DSEDT, gave an introduction on the DSEDT's functions, as well as the technological exchange and collaboration projects between China and Portuguese-speaking countries (PSCs). Tai mentioned that the DSEDT has already been designated as a China-PSCs Youth Innovation and Entrepreneurship Exchange Centre since 2017. On this foundation, the bureau continues to deepen the connection with the technology and innovation systems of Brazil, Portugal and other PSCs, and successfully held the Innovation and Entrepreneurship Competition (Macao) for Technology Enterprises from Brazil and Portugal last year, which was conducive to bringing in outstanding PSCs technological projects to Macao and the GBA for development.

During the meeting, representatives of the DSTGD and DSEDT also exchanged views on jointly advancing the development of international innovation and technology hub in the GBA and of Guangdong-Shenzhen-Hong Kong-Macao technological innovation corridor, as well as on developing a national-level technology exchange hub in Guangdong with a view to further implementing the work related to technological exchange and cooperation between Guangdong and Macao.



A delegation of the DSTGD visits the DSEDT to discuss the work related to Guangdong-Macao technological exchange and cooperation

4. Zhuhai stages event in Hengqin on 17 June to facilitate incoming and commercialization of domestic and foreign technological achievements



Nam Kwong Environmental Engineering Co. Ltd. and Tsinghua Innovation Center in Zhuhai reaches a strategic cooperation agreement

To implement the development of international technology hub in the Guangdong-Hong Kong-Macao Greater Bay Area (GBA), promote the “corridor and pole” innovation layout of Guangzhou, Zhuhai and Macao in the GBA technology and innovation corridor and establish a national technological innovation and resource matchmaking platform, Macao and Zhuhai are jointly advancing the establishment of the Macao-Zhuhai Industry-Academia-Research Innovation Alliance. To continue the series of work that has been started by Macao and Zhuhai since last year, the Zhuhai Municipal Science and Technology Innovation Bureau (ZHSTIB) staged an event in Hengqin on 17 June, which was a part of the event series for facilitating incoming and commercialization of domestic and foreign technological achievements. The event, which centred on the theme of “Prioritizing Industry, Empowering with Technology”, invited Macao’s Economic and Technological Development Bureau (DSED) and technology authorities and organizations of various GBA cities to discuss together on technological industry-academia-research collaboration between Macao, Hengqin and Zhuhai.

Che Weng Keong, the DSED’s Head of Technology Department, introduced Macao’s technological research foundation in his remarks. He pointed out that as Macao ranks top in the west bank of Pearl River and fourth in the GBA in terms of the number of papers published, it can serve a more important function in regional technological industry-academia-research collaboration. Furthermore, the advantages as a platform between China and Portuguese-speaking countries (PSCs) possessed by Macao enables it to play an important role in the technological exchange and cooperation between China and PSCs. Also, through the integration between Macao, Hengqin and Zhuhai, Macao can combine its technological research edge with Hengqin and Zhuhai’s capital, technology enterprises and market energy to forge a full-fledged technology industry chain.

Apart from presentations on technology policies, this event also included project signing, round-table dialogue and project roadshows. In the project signing session, Nam Kwong Environmental Engineering Co. Ltd., a subsidiary of Macao’s Nam Kwong Group, and Tsinghua Innovation Center in



Zhuhai reached a strategic cooperation agreement on industry-academia-research collaboration. At the round-table meeting, Song Jingyan, Director of Tsinghua Innovation Center in Zhuhai, acknowledged the technological research competence of Macao's tertiary institutions and noted that the research energy of the State Key Laboratories in Macao's tertiary institutions can be further availed for joint research and development and technological development with enterprises in Hengqin and Zhuhai with a view to actively bringing in the relevant industry chains and enterprises to Zhuhai and Hengqin.

At present, Macao is actively promoting technological exchange and cooperation between China and PSCs together with the Guangdong-Macao Intensive Cooperation Zone in Hengqin as well as Zhuhai to enrich the technological substance of Macao as a China-PSCs platform and enhance its role as a precise connector in China-PSCs technological cooperation, as well as bringing in outstanding PSCs technology enterprises to Macao, Hengqin, Zhuhai and the GBA with a view to actively developing Macao, Hengqin and Zhuhai into a hub of China-PSCs technological exchange and cooperation.



The ZHSTIB stages an event in the Guangdong-Macao Intensive Cooperation Zone in Hengqin to facilitate incoming and commercialization of domestic and foreign technological achievements

5. CEPA ROOs revised in response to new HS edition

In response to the entry into effect of the 2022 edition of the Harmonized System Nomenclature globally on 1 January this year, the product-specific rules of origin (ROOs) of the Agreement on Trade in Goods of CEPA, which are established based on the previous edition, need to be revised to a new version. With this revision, the 18 ROOs of goods that have been successfully revised through the consultation mechanism since the implementation of the CEPA Agreement on Trade in Goods in 2019 are also consolidated into the table. After the consultation between the General Administration of Customs of the People's Republic of China and the Economic and Technological Development Bureau of the Macao SAR Government (DSEDT), it had been agreed that the revised ROOs were implemented from 16 May this year.

Implemented as an enhancement to CEPA in 2019, the Agreement on Trade in Goods has established ROOs for basically all goods. The agreement has also established a consultation mechanism, under which trade sectors can put forward claims for revision of ROOs every half year. This caters to the changes in production technology or adjustments in production scale of Macao's manufacturing sector, encouraging enterprises to grasp the development opportunities in the Guangdong-Hong Kong-Macao Greater Bay Area to bring more made-in-Macao products to the Mainland market with the zero-tariff advantage.

From 2004 to 30 June 2022, the DSEDT issued a total of 7,387 CEPA certificates of origin, of which 6,512 have been used for exports worth 1.27 billion MOP, with 83.44 million MOP of tariff saved.

The link to the table of product-specific ROOs implemented since 16 May 2022 is as follows:
https://www.dsedt.gov.mo/en_US/web/public/pg_cepta_tig