



United Nations
Educational, Scientific and
Cultural Organization

联合国教育、
科学及文化组织



International Research and Training Center
for Science and Technology Strategy
under the Auspices of UNESCO

国际科学和技术战略
研究与培训中心

CISTRAT 2021 and 2022 Biannual Report and 2023 Outlook

International Research and Training Center
for Science and Technology Strategy
(CISTRAT)

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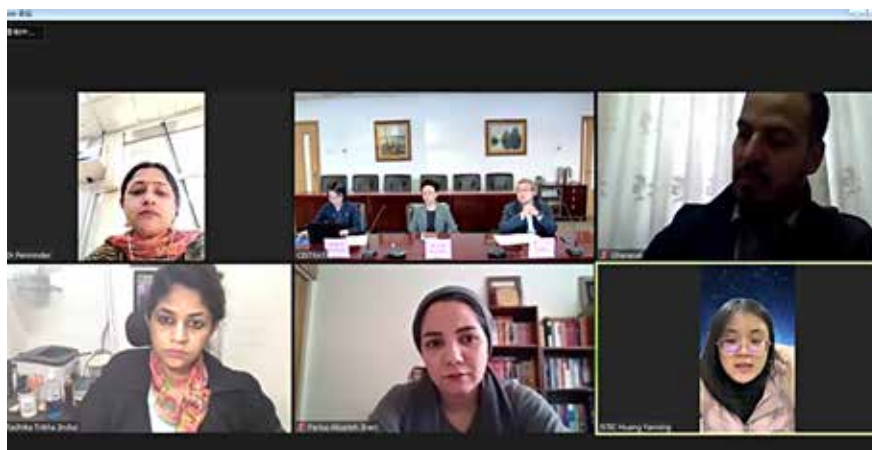
From 2021 to 2022, International Research and Training Center for Science and Technology Strategy (hereinafter referred to as “CISTRAT”), based in Chinese Academy of Science and Technology for Development (CASTED), carried out international science and technology cooperation online in accordance with the requirements of the United Nations Educational, Scientific and Cultural Organization (UNESCO) and Ministry of Science and Technology of China (MOST). The work could be summarized as follows:

I. Work of 2021 and 2022

1. Host the 9th and 10th CISTRAT International Training Workshop on STI Policy Research and Method

In 2021 and 2022, the 9th and 10th training workshop on “Research and Methodology of Science and Technology Innovation Policy in Countries of the Belt and Road Initiative” were held through the online platform of CASTED. The training workshop enrolled 30 international participants from government departments, research institutes and colleges and universities in Pakistan, India, Iran, Nigeria, Afghanistan, Egypt, Mongolia, Serbia, Cambodia, Brunei and Malaysia, and over 130 domestic trainees from member institutions under the think tank research consortium of the MOST.

Fourteen experts from Tsinghua University, Fudan University, Beijing Academy of Science and Technology, Shanghai Institute for Science of Science, Kuaishou, Aliyun, and member institutions under the think tank research consortium of the MOST were invited to give lectures. We provided courses on topics including international cooperation on climate change, science and technology finance, Global Innovation Index, science and technology system reform, science and technology evaluation system, strategic emerging industries, science and technology talent management, science and technology for poverty alleviation, and foreign exchanges on science and technology, etc.



2. Establish the 2nd governing board

In July 2022, the founding conference and first plenary meeting of the second governing board of CISTRAT were held. The second governing board, chaired by Vice Minister of the MOST Li Meng, was established. The board members include experts from well-known think tanks in China, Britain, Brazil, South Korea, Serbia, Pakistan and other countries.



3. Carry out online overseas training on “Public Management of National Research Institutes”

In November 2022, online overseas training on “Public Management of National Research Institutes” was carried out through online livestreaming and recorded broadcast. We cooperated with the US-China Business Training Center, which invited researchers from Lawrence Berkeley National Laboratory, Argonne National Laboratory, and related research centers of the National Institutes of Health in the United States, executives from famous Silicon Valley technology companies such as IBM and Intel, and professors from prestigious universities such as University of California, Berkeley and Lehigh University to give lectures. The lecture topics include

“Construction and Operation Mode of the National Scientific Research System in the United States”, “Structure, Management and Operation of US R&D Institutions”, “National Laboratory Management”, “Development of National Laboratories and Commercial Transformation of Scientific and Technological Achievements”, “Function of the US Government and Innovation Ecosystem of Silicon Valley”, “Trends of Advanced Science and Technology Development” and so on. 70 managerial officials and researchers from China’s science and technology system participated in the training.



4. Participate in dialogue with international organizations and expand the cooperation network

We participated in the annual meeting of the Committee on Science and Technology Policy (CSTP) of the Organization for Economic Cooperation and Development (OECD). During the cooperation discussion with the Science, Technology and Innovation Department of OECD, we exchanged views on cooperation on science and technology innovation policy survey, national science and technology indicators, etc. Besides, we provided the latest statistics on R&D funding and R&D personnel for the OECD Main Science and Technology Indicators (MSTI) database.

Our researchers gave lectures in the “Joint Training Programme of the MOST and the United Nations Commission on Science and Technology for Development”. The reports were titled “Overview of China’s Science and Technology Statistics and Innovation Survey”, “China’s Experience in Poverty Alleviation through Science and Technology” and “New Progress in China’s Science and Technology System Reform”, introducing the work system of China’s science and technology statistics and

innovation survey, a series of reports on the national innovation survey system and the performance of China's science and technology innovation.



We jointly held an international seminar themed “Future Innovation-driven Development Direction” with the World Intellectual Property Organization (WIPO), and discussed with Chinese and foreign experts subjects including the exchanges and cooperation between CASTED and WIPO, the formulation of the International Open Innovation Index, and the development direction of the future digital economy and deep science, etc.



We participated in the “Policy Dialogue on Women in Science” co-hosted by the United Nations Development Program (UNDP) and UN Woman, systematically sorted out the relevant laws, regulations and policies supporting the development of female scientific and technological talents in China, comprehensively discussed the goals, significance and effects of the policies, and put forward some suggestions to further promote gender equality in the field of science and technology from the aspects of creating supportive environment and gender equality evaluation system.



5. Expand and deepen institutional cooperation

We served as China's coordinating institute in the signing of the Memorandum of Understanding on jointly building the China-Argentina Innovation and Technology Policy Research Center between the MOST and the Argentine Ministry of Science, Technology and Innovation, organized the launch ceremony of the center, hosted the China-Argentina Seminar on Science and Technology Innovation Policy, and promoted STI cooperation between the two countries.



We participated in the 4th training program of the BTBU-ECOSF Joint Training Center on Scientific, Technological and Economic Cooperation under the Belt and Road Initiative, where we gave lectures to students from Iran, Pakistan, Afghanistan and other Belt and Road countries.



In the Belt and Road Seminar of the 2022 Pujiang Innovation Forum, we discussed the promotion and sharing of low-carbon technology in the Belt and Road Initiative with experts from STI think tanks in the United Arab Emirates, Pakistan, Serbia, Thailand and other Belt and Road countries.



We participated in the 16th and 17th Trilateral Science and Technology Policy Seminar between China, Japan and South Korea, and held discussions on topics such as digital transformation, STI talents, and STI policy design and implementation.



II. Outlook for 2023

In 2023, CISTRAT will follow the mandate of UNESCO, earnestly fulfill its responsibilities in accordance with the terms of the renewal agreement and the spirit of the National Commission of the People's Republic of China for UNESCO, actively strengthen training, exchanges, joint scientific research and partnership with other developing countries, especially Belt and Road countries, and strive to enhance the ability and level of the Center's participation in UNESCO's work.


First, we will carry out training on science and technology strategies and policies for developing countries, especially Belt and Road countries.

Second, we will further carry out cooperation and exchanges with other international and domestic Category II centers, deepening cooperation through field study and academic exchanges.

Third, we will prepare for the new round of agreement renewal.

In the face of the new situation and new tasks, in order to further deepen the partnership with UNESCO, the following suggestions are put forward:

First, the National Commission is requested to provide more guidance and assistance to the operation of Category II centers. Second, regular partnership meetings of the National Committee should be held to strengthen communication among all entities.



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