**Field and direction**

After consultations with relevant partners, the second batch of projects in 2024has established13guiding directions to support cooperation with17countries, regions, international organizations and multilateral The cooperation mechanism carries out scientific and technological cooperation and plans to support approximately126projects, with a total estimated state allocation of209.99million yuan. The implementation period of each project is generally2~3years. There are no subjects under the project. Specific guidelines and requirements are as follows.

1.1 China-New Zealand Intergovernmental Science and Technology Cooperation Project

Cooperation Agreement: "China-New Zealand Five-Year Science and Technology Cooperation Roadmap Arrangement《2023-2027》.

Field directions: Food science, health and biomedicine, environmental science.

Number of projects planned to be supported:6.

Total planned support funds:10.80million yuan.

Other requirements: Both parties to the project cooperation must submit application materials to the project solicitation department of their respective countries. Unilateral application projects are invalid. The New Zealand project solicitation department is the New Zealand Ministry of Business, Innovation and Employment.

1.2China-Egypt intergovernmental joint research project

Cooperation Agreement: "Memorandum of Understanding between the Ministry of Science and Technology of China and the Egyptian Ministry of Higher Education and Scientific Research on the Joint Funding Program for2024".

Field directions: Mitigating the impact of climate change, food, agriculture, advanced manufacturing, renewable energy, information and communication technology, health, water, basic science, artificial intelligence, urban planning and construction-related technologies.

Number of projects planned to be supported:15.

Total planned support funds:**15 million yuan.**

other requirements:

(1) The project execution period is2years.

(2) During the project implementation period, the Chinese and Egyptian cooperation teams must each send2or more people to the other party's unit for3months exchange visits above.

(3) Both parties to the project cooperation must submit application materials to the project solicitation department of their respective countries. Unilateral application projects are invalid. Contact person on the Egyptian side: Egypt Science, Technology & Innovation Funding Authority**(Science, Technology & Innovation Funding Authority), Dr. Amal Gomaa, via R box: amal.gomaa@stdf.eg.**

1.3China-Egypt intergovernmental joint research flagship project

Cooperation Agreement: "Memorandum of Understanding between the Ministry of Science and Technology of China and the Egyptian Ministry of Higher Education and Scientific Research on the Joint Funding Program for2024".

Field directions: Mitigating the impact of climate change, food, agriculture, advanced manufacturing, renewable energy, information and communication technology, health, water, basic science, artificial intelligence, urban planning and construction-related technologies.

Number of projects planned to be supported:5.

Proposed support funds:**12.5 million yuan.**

other requirements:

1. The project execution period is2years.
2. Both Chinese and Egyptian cooperation teams must have enterprises participating. Chinese enterprises should provide matching capital at least equal to the government funding they receive.
3. During the project implementation period, the Chinese and Egyptian cooperation teams must each send3or more people to the other party’s unit for3exchange visits for more than 3 months.
4. Both parties to the project cooperation must submit application materials to the project solicitation department of their respective countries. Unilateral application materials are invalid. Contact person on the Egyptian side: Egyptian Science, Technology and Innovation Fund Agency

**(Science, Technology & Innovation Funding Authority),**

**Dr. Amal Gomaa: amal.gomaa@stdf.eg*.***

**1.4 Joint research project between the governments of China and the Philippines**

Cooperation Agreement: "Execution Guidelines for Joint Research Projects between the Ministry of Science and Technology of the People's Republic of China and the Department of Science and Technology of the Republic of the Philippines2024".

Field direction:

1. Health: medical tissue engineering, medical bionic materials;
2. Agriculture: smart water management for high-value crops, agricultural mechanization, precision agriculture;
3. Energy: energy storage, green building materials;
4. High technology: artificial intelligence, quantum computing.

Number of projects planned to be supported:5.

Total planned support funds:**10 million yuan.**

other requirements:

1. The project execution period is 2 years;
2. Both parties to the project cooperation must submit application materials to the project solicitation department of their respective countries. Projects submitted by one party are invalid. **Philippine Department of Science andTechnology**

**Contact: Gabrielumague, Email: gatsumague@dost.gov.ph, (+63)8837-2071Go to3070.**

1.5Joint laboratory project between China and Arab countries

Diplomatic commitment: Implement President Xi Jinping’s important initiative to “jointly build a number of joint laboratories or R&D cooperation centers with Afghanistan in the fields of life and health, artificial intelligence, green and low-carbon, information and communications, and space information.”

Field directions: life and health, artificial intelligence, green and low carbon, information and communications, and space information.

Number of projects planned to be supported: no more than5(in principle, no more than1per cooperation country). Total planned support funds:**10 million yuan.**

other requirements:

(1) Encourage joint application by industry, academia and research institutes;

(2) The project implementation period is generally3years;

(3) Cooperating countries should be Arab countries (including Algeria, United Arab Emirates, Oman, Egypt, Palestine, Bahrain, Djibouti, Qatar, Kuwait, Lebanon, Libya, Mauritania, Morocco, Saudi Arabia Arabia, Sudan, Somalia, Tunisia, Syria, Yemen, Iraq, Jordan, Comoros). The format of the project application name is "China+Cooperating country abbreviation+Research field+Joint Laboratory"

(4) The applicant should provide: a formal recognition document signed and sealed by the national government department of the partner country to support the joint laboratory cooperation (submitted at the same time with the application materials, document template Download link: https://service.most.gov.cn/kjjh\_tztg\_all/zn/202[40401.html](https://service.most.gov.cn/kjjh_tztg_all/zn/20240401.html), which must include the cooperative institutions of both parties, the name of the joint laboratory, and the partner country Support measures and contact information provided by government departments at the national level for joint laboratory cooperation), and must inform the national government departments of the partner country. This accreditation document is only a project application material, and whether the final project can be approved must be determined after review; foreign cooperation Documents signed and issued by the unit itself do not meet the above requirements.

(5) During the project execution period, the project undertaking unit must accept no less than5personnel from partner countries to come to China to jointly carry out scientific research work on the project (each person Continuous working time in China is not less than3months); organize more than 50 high-level international academic exchange activities2times or more.

1. The China-UAE joint laboratory construction plan should be filled in and submitted when applying (download link:https://service.most.gov.cn/kjjh\_tztg\_all/zn/20240401[.html](https://service.most.gov.cn/kjjh_tztg_all/zn/20240401.html)), It also provides a cooperation agreement on co-construction of a joint laboratory signed by the laboratory supporting units of both parties. The parties to the cooperation have a clear agreement or intention to agree on the ownership of future intellectual property rights and the income from achievement transformation, and they comply with the relevant provisions of my country's laws and regulations on the ownership of intellectual property and the income from achievement transformation (an intellectual property agreement or intention agreement or memorandum must be attached) , letter of certification or clarifying intellectual property-related terms in the Sino-foreign cooperation agreement).
2. Foreign cooperative units should be scientific research institutes, universities and enterprises registered outside China for more than3years. They should have independent legal person qualifications, standardized operation and management, and be institutions with relevant advantageous resources in this field. It has strong scientific and technological research and development capabilities and conditions, and has a long-term and stable cooperation foundation with Chinese project applicants.
3. The “Belt and Road” joint laboratory that has been approved by the Ministry of Science and Technology, the China-Africa Joint Laboratory and the China-Arab Joint Laboratory project that have been supported but have not yet been completed will not be repeatedly supported in this project.

1.6 Joint laboratory project between China and African countries

Diplomatic commitment: Implement President Xi Jinping’s important initiative on building a China-Africa joint laboratory at the Eighth Ministerial Conference of the Forum on China-Africa Cooperation.

Field direction: no limit to field.

Number of projects to be supported: no more than10(in principle, no more than1per country). Total planned support funds:**20 million yuan.**

other requirements:

(1) Encourage joint application by industry, academia and research institutes.

(2) The project implementation period is generally3years.

(3) Cooperating countries should be African countries (Algeria, Egypt, Djibouti, Libya, Mauritania, Morocco, Sudan, Somalia, Tunisia, Comoros and other Arab countries can also apply. A joint laboratory, but can only be declared through one route). The format of the project application name is "China+Cooperating country abbreviation+Research field+Joint Laboratory"

(4) The applicant should provide: a formal recognition document signed and sealed by the national government department of the partner country to support the joint laboratory cooperation (submitted at the same time with the application materials, document template Download link:https://service.most.gov.cn/kjjh\_tztg\_all/zn/20240401[.html](https://service.most.gov.cn/kjjh_tztg_all/zn/20240401.html), both parties need to be included The name of the cooperating institution, joint laboratory, support measures and contact information provided by the national government departments of the cooperating country for joint laboratory cooperation), and must be informed to the national government departments of the cooperating country. This accreditation document is only a project application material. Whether or not the project will be approved must be determined after review. Documents signed and issued by foreign cooperative units themselves do not meet the above requirements.

(5) During the project execution period, the project undertaking unit must accept no less than5personnel from partner countries to come to China to jointly carry out scientific research work on the project (each person Continuous working time in China is not less than3months); organize more than 50high-level international academic exchange activities2times or more.

(6) The China-Africa Joint Laboratory Construction Plan should be filled in and submitted when applying (download link:https://service.most.gov.cn/kjjh\_tztg\_all/zn /20240401[.html)](https://service.most.gov.cn/kjjh_tztg_all/zn/20240401.html), and provide the cooperation agreement on jointly building a joint laboratory signed by the laboratory supporting units of both parties. All parties to the cooperation have a clear agreement or intention to agree on the ownership of future intellectual property rights and the income from achievement transformation, and they comply with the relevant provisions of my country's laws and regulations on the ownership of intellectual property and the income from achievement transformation (an intellectual property agreement or intention agreement or memorandum must be attached) , letter of certification or clarifying intellectual property-related terms in the Sino-foreign cooperation agreement).

(7) Foreign cooperative units should be scientific research institutes, universities and enterprises registered outside China for more than3years, and have independent legal person status. With standardized operation and management, it is an organization that masters relevant advantageous resources in this field, has strong scientific and technological research and development capabilities and conditions, and has a long-term and stable cooperation foundation with Chinese project applicants.

(8) The “One Belt, One Road” joint laboratory that has been approved by the Ministry of Science and Technology, the China-Africa Joint Laboratory and the China-Arab Joint Laboratory that have been supported by the project but have not yet been completed will not be there. Duplicate support in this project.

1.7China and Belgium (Wallonia) Intergovernmental Science and Technology Cooperation Project

Cooperation Agreement: "Memorandum of Understanding on Research and Innovation between the Department of International Cooperation of the Ministry of Science and Technology of the People's Republic of China and the International Relations Agency of Wallonia-Brussels, Belgium".

Field direction:

(1) Biotechnology and health;

(2) Information and communication technology and microelectronics;

(3) Aerospace;

(4) recyclable materials;

(5) Agriculture and Food Sciences;

(6) Environment and green technologies (including but not limited to new energy, green buildings,

sustainable urbanization).

Number of projects planned to be supported: no more than10.

Total planned support funds:**10 million yuan.**

other requirements:

(1) In principle, the project execution period shall not exceed3years;

(2) Chinese and Belgian cooperation units must sign clear cooperation documents such as intellectual property rights;

(3) Chinese and Belgian partners need to submit application materials to their respective project solicitation departments. Unilateral application projects are invalid;

(4) Encourage enterprises to participate, and Chinese participating enterprises should provide matching investments at least equal to the government funding they receive (for relevant requirements, please refer to the example guide);

(5) For example, the contact information of the project solicitation department: Wallonia-Brussels International Relations Agency (**WBI), website: https://wbi.be/fr/news/ news-item/appel-projets-financement-projets-recherche-conjoints-entre-wallonie-brux elles-chine.**

1.8Joint laboratory cooperation project between China and European countries

Cooperation agreements: "Sino-British Science and Technology Innovation Cooperation Strategy", "Minutes of the 14th Sino-French Joint Committee on Science and Technology Cooperation", "Memorandum between the Ministry of Science and Technology of China and the Italian Ministry of Education and Research on Strengthening Science and Technology Innovation Cooperation", "Ministry of Science and Technology of China and the Spanish Ministry of Science and Technology" Memorandum of Understanding between the Ministry of Innovation on Science and Technology Innovation Cooperation in Key Areas" "Memorandum of Understanding between the Ministry of Science and Technology of China and the Portuguese Ministry of Science, Technology and Higher Education on Promoting2030Sino-Portuguese Science and Technology Partnership Cooperation" "China-Greece Memorandum of Understanding on Science and Technology Innovation Cooperation" "Science and Technology Department of International Cooperation of the Ministry of Education and Wallonia, Belgium

—Minutes of the fifth meeting of the Joint Committee on Scientific and Technological Cooperation of the Brussels Agency for International Relations.

Field directions: environment (including climate change and carbon neutrality), health, agriculture, food and biotechnology, basic sciences, cultural heritage, aerospace, artificial intelligence, advanced materials, information and communication technology, ocean and maritime technology, smart cities , production technology (including intelligent manufacturing), clean technology (including new energy, renewable energy, energy conservation and emission reduction) and other fields.

Number of projects planned to be supported:15.

Total planned support funds:**30 million yuan.**

other requirements:

(1) Cooperating countries are limited to the United Kingdom, France, Italy, Spain, Portugal, Greece, and Belgium (only in Wallonia and Brussels). The project application name format is:

"China+cooperative country abbreviation+research field+joint laboratory".

(2) This project is open to joint laboratories established before2023year1month1days ago; application The cooperation agreement on co-construction of a joint laboratory signed by the laboratory supporting units of both parties should be provided (the signing date of the agreement must be earlier than20231month1,1joint laboratory cooperation agreement only supports the application of1projects); the lead applicant must be a signatory of the joint laboratory cooperation agreement.

(3) The project implementation cycle is generally3years.

(4) The applicant should provide: signed and stamped by a foreign government department (such as the government department responsible for scientific and technological innovation in the relevant country, the National Scientific Research Center or the Scientific Research and Innovation Administration, the embassy, ​​etc.) has provided funds, projects, in-kind and other material support for the joint laboratory cooperation (the content includes the cooperative institutions of both parties, the name of the joint laboratory, the support measures and contact persons provided by the foreign government departments for the joint laboratory cooperation Information must be issued in accordance with the template and accompanied by a valid signature. Download link for the document template:[https://service.](https://service.most.gov.cn/kjjh_tztg_all/zn/20240401.html) [most.gov.cn/kjjh\_tztg\_all/zn/20240401.html](https://service.most.gov.cn/kjjh_tztg_all/zn/20240401.html))oDocuments signed and stamped by the foreign partner do not meet the above requirements. This document is only a project application material, and whether the project can be approved will be determined after review.

1. The main purpose of such projects is to promote the construction of joint laboratories and deepen inter-agency cooperation by supporting substantive scientific research cooperation between the two partner institutions. Each project should specify two tasks and corresponding assessment indicators in the application form: first, substantive scientific research cooperation tasks; second, joint laboratory construction tasks. Each project should meet the following basic assessment indicators: apply for patents3 or more(except basic research projects), organizehigh-level international academic exchange activities with more than 50people2times or more, training young scholars (under 40years old)5or more. At the same time, the China-EU Joint Laboratory cooperation plan for the next3years should be filled in and submitted when applying (download link:[https://service.](https://service.most.gov.cn/kjjh_tztg_all/zn/20240401.html) [most.gov.cn/kjjh\_tztg\_all/zn/20240401.html](https://service.most.gov.cn/kjjh_tztg_all/zn/20240401.html)). The applicant should provide in the cooperation plan all aspects of cooperation results achieved by both parties in the early stage, including but not limited to platform construction, academic research, patents, papers, international conferences, talent training and exchanges, technology transfer and application of results, and funding obtained. wait.
2. When applying, the cooperation agreement signed by the Chinese and foreign partners on the applied project should be provided. It is recommended in the cooperation agreement to clarify the division of tasks and responsibilities of each partner directly related to the project research content, funding sources, cooperation methods, intellectual property terms, and validity of the agreement.

period and dispute resolution methods, etc. All parties to the cooperation must have a clear agreement on the ownership of intellectual property rights and the attribution of income from achievement transformation. They can include intellectual property-related clauses in the cooperation agreement, or sign a separate intellectual property agreement.

(7) The foreign cooperative unit should be a scientific research institute or university registered in relevant European countries for3years or more, with independent legal personality and standardized operation and management. , is an institution that masters relevant advantageous resources in this field, has strong scientific and technological research and development capabilities and conditions, and has a long-term and stable cooperation foundation with Chinese project applicants.

(8) The “One Belt, One Road” joint laboratory that has been approved by the Ministry of Science and Technology will not be repeatedly supported in this project.

1.9China-EU Intergovernmental Science and Technology Cooperation Project: China-EU Science and Technology Innovation Cooperation Joint Funding Mechanism General Research and Innovation Cooperation Project

Cooperation Agreement: Agreement between the Ministry of Science and Technology of China and the Directorate-General for Research and Innovation of the European Commission**2021-2024**on the funding mechanism for scientific research and innovation projects of the Food, Agriculture and Biotechnology Flagship Program and the Climate Change and Biodiversity Flagship Program 》.

Field directions: food, agriculture and biotechnology and related fields; climate change and biodiversity and related fields.

Number of projects planned to be supported:About 10.

Total planned support funds:**About 30 million yuan.**

other requirements:

(1) The China-EU Science and Technology Innovation Cooperation Joint Funding Mechanism Project aims to support China and the EU to carry out scientific and technological innovation cooperation with complementary advantages, equality and mutual benefit in jointly determined priority areas. The input strength and division of labor of each party should be basically balanced.

(2) Project applicants must jointly apply with their European partners for**2022, 2023**and**2024**released by the EU Horizon Europe program Guide projects, other annual projects are not included in this solicitation.

(3) A single Horizon Europe project only supports a single Chinese project application. For multiple Chinese units participating in the same Horizon Europe project, one unit should be determined through negotiation to take the lead in submitting a Chinese application. application. The Chinese lead applicant must be its official partner in the Horizon Europe project, that is, be included in the Horizon Europe project

"Associated Partner^ List.

(4) This solicitation focuses on low technology maturity projects (technologies that do not exceed technology maturity level**4**and have passed laboratory verification).

(5) The Chinese applicant must submit to the Ministry of Science and Technology the English version of its application for participating in the Horizon Europe Program, the project budget and the Chinese translation of the research content of the Chinese unit, and ensure that The overall budget of the Horizon Europe project includes the budget of the Chinese unit. In the project application submitted by the Chinese applicant to the Ministry of Science and Technology, the budget should not exceed the budget of the Chinese unit in the Horizon European project, and the research content should include the Chinese participation in the research in the English application.

(6) In principle, the project execution period shall not exceed**4**years.

(7) European contact information: Delegation-China-Scitech@eeas.europa.eu.

2.0Joint R&D project between the governments of China and Tajikistan

Cooperation Agreement: "Protocol of the Third Meeting of the China-Tajikistan Scientific and Technological Cooperation Committee."

Field direction:

(1) Water resources monitoring, utilization and management, water-saving technology, drinking water safety;

(2) Nuclear energy, water energy, wind energy, and solar energy development and utilization technology;

(3) Big data, artificial intelligence,5Gcommunication networks, remote sensing technology, modeling and simulation of materials science problems, and the application of the above methods and technologies in industry and agricultural applications;

(4) Monitoring of the impacts of climate change, and response measures;

(5) Modern agricultural technology, food processing, food safety, modern animal husbandry;

(6) Ecology and environmental protection. Including biodiversity protection, environmental protection, pollution control and environmental safety;

(7) Prevention and reduction of natural disasters such as meteorological disasters, geological disasters, pests and diseases;

(8) Biopharmaceuticals, prevention and treatment of major infectious diseases, medical devices;

(9) Mineral resource exploration, development and utilization;

(10) Astronomical Observations.

Number of projects planned to be supported:20.

Total planned support funds:**20 million yuan.**

other requirements:

(1) Project implementation period2years.

(2) Both parties to the project cooperation need to apply to the project solicitation department of their respective countries, and unilateral application is invalid.

(3) Tower project solicitation department contact information: Bureau of International Relations, Academy of Sciences of Tajikistan, **Mirvaisov Mamurdzhon, Tel: +992 372 215 315, Email:** **mirvaisov@anrt.tj****or****intdep@anrt.tj****o**

2.1Joint R&D Project between China and Uzbekistan

Cooperation Agreement: "Minutes of the Fifth Meeting of the Science and Technology Cooperation Subcommittee of the China-Uzbekistan Intergovernmental Cooperation Committee".

Field direction:

(1) Cellular and molecular biotechnology;

(2) Medical genetics and physiological ecology research;

1. Energy-saving automation systems;
2. Materials science and building materials;
3. Food Science and Food Technology;
4. Renewable Energy;
5. astronomical;
6. Geology;
7. Research on mechanisms and drugs for key diseases;
8. Modern agricultural technology.

Number of projects planned to be supported:20.

Total planned support funds:**20 million yuan.**

other requirements:

(1) The project implementation period is2years.

1. The cooperative units of China and Ukraine need to declare to their respective national science and technology authorities, and unilateral declarations are invalid.
2. Ministry of Innovation and Development of Uzbekistan Project Contact:NabijonHolov, byRBox:nabijonholov@gmail.com.

2.2China-Bulgaria intergovernmental scientific and technological cooperation project

Cooperation Agreement: "Memorandum of Understanding between the Ministry of Science and Technology of the People's Republic of China and the Ministry of Education and Science of the Republic of Bulgaria on jointly funding China-Bulgaria scientific research cooperation projects"

Field direction:

1. sustainable agriculture, food and biotechnology;
2. Information and Communication Technology;

(3) Health and biomedicine.

Number of projects planned to be supported:3(each field supports1).

Total planned support funds: 3.6 million yuan.

other requirements:

1. The project execution period is3years.
2. Both parties to the project cooperation must submit application materials to the project solicitation department of their respective countries. Projects submitted by one party are invalid. The Bulgarian contact person is: Mr. Kalin•Mr. Kalin Mutavchiev, chief expert of the Scientific Department of the Ministry of Education and Science of Bulgaria, Tel:+359 2 92 17 691,+359 878 461 653; Email: k.mutavchiev@mon.bgo

**2.3China-Croatia Intergovernmental Science and Technology Innovation Cooperation Project**

Cooperation Agreement: "Memorandum of Understanding between the Ministry of Science and Technology of the People's Republic of China and the Ministry of Science and Education of Croatia on jointly funding research and development cooperation projects."

Field directions: green electricity transition; sustainable food production and processing. Number of projects planned to be supported: no more than2(each field direction supports1). Total planned support funds:300million yuan.

other requirements:

(1) The project execution period is2years;

(2) Both parties to the project cooperation need to submit application materials to the project solicitation department of their respective countries. Unilateral application projects are invalid.

(3) Contact person for foreign parties of the project: Senior Advisor, Department of European Affairs Coordination and International Cooperation, Ministry of Science and Education, Croatia, **Silvana Siebert, Tel: +385 1 4594 452, By: Silvana.Siebert@mzo.hr.**