

**Joint Scientific Research Project Funding by
Science and Technology Development Fund of Macao and
Department of Science and Technology of Guangdong Province (FDCT-GDST Project)
Application Guideline (Year of 2019)**

According to the Exchanges and Co-operations Arrangement of Science, Technology and Innovation Cooperation between Guangzhou Science and Technology Department (GSTD) and the Science and Technology Development Fund (FDCT), and the Action Plan for the GSTD and FDCT on Jointly Funding Cooperative R&D Projects between the two regions, the GSTD and FDCT launched joint research projects (hereinafter “FDCT-GDST Project”) to actively participate in the planning of the Greater Bay Area and construction of international technology hub.

I. Administrative Units

1. The administrative units of the current joint funding scheme are FDCT in Macao and GDST in Guangdong.
2. The issues of applications, acceptance, evaluation, approval, implementation and management as well as final report of Macao applicants are governed by the Chief Executive’s Dispatch No. 235/2018 *Regulation on the Approval of Granting of Financial Support*.

II. Major Areas for Support

By focusing on the planning of the Greater Bay Area, construction of international technology hub, and the development needs of society, economy and technological innovation in Guangdong and Macao, it aimed to achieve the complementary strengths of research capability, facilitate the cooperation of industry, academic and research institutions between the two places, so that it would strive to achieve technical breakthroughs in strategic emerging industries and increase the international competitiveness of Guangdong and Macao.

This scheme mainly supports industry-university-research collaboration projects jointly proposed by Guangdong-Macao research candidates, prior to the following fields: electronic and information, biomedical (Chinese medicine), energy conservation and environmental protection, smart city, and marine science.

III. The Amount of Funding

1. The total funding provided by FDCT for this program is 20 million Macao patacas per year. The maximum amount of the funding for such projects is 1.3 million Macao patacas, with a maximum of 2 years of funding dispatched in period. The funded entities in Macao are required to implement the project in accordance to the “*Funding Agreement*” signed with FDCT.
2. FDCT and GDST will issue grants to Macao and Guangdong successful applicants respectively. Both funds can only be used locally.

IV. Application methods and requirements

1. One party in the jointly-led application must be an enterprise. If it is a Macao enterprise, the corresponding investment must be self-funded, which should not be less than the funding approved by FDCT ($\geq 1:1$). If the party is a higher educational institution or a scientific research institute in Macao, there is no self-funding requirement.
2. The Macao Project Leader (PI) can only undertake ONE project funded by this funding at the same time. After the submission of the final project report, the PI can submit a new application for funding. But project members in the project are not restricted by this rule.
3. Macao applicants should consult with the Guangdong’s partners on the research contents, research plans, division of research tasks, etc., signing a cooperation agreement or memorandum and filling out the project proposal, submitting the application to FDCT by the application deadline.
4. Guangdong’s partners must also declare to GDST. Detailed declaration methods, please refer to the relevant provisions of GDST.
5. The name of the project and the names of the applicants on both sides must be consistent. The contents of the research plan should reflect the complementary advantages of both sides.

V. The form of review and evaluation

1. FDCT and GDST will conduct a formal review after the deadline for application, and then jointly check the list of projects from their respective reviews. The projects will be accepted as "FDCT-GDST project" when such projects are included in both FDCT and GDST lists.
2. FDCT and GDST conduct their respective evaluation on the projects accepted.

3. The evaluation procedure of FDCT for such projects is the same as that of the current research projects (including preliminary analysis, peer review, project advisory committee review, administrative committee review, trust committee review). Such projects will be prioritised.
4. The evaluation process of FDCT will be conducted on the basis of the following criteria:
 - The scientific value of the project (40%): innovativeness of the project, research findings and effectiveness, and also research methodology.
 - Academic achievements and qualifications of the applicant (30%): scientific research ability, qualification of members, number of members, and level of complementariness with the cooperating party.
 - Project feasibility and work plan (30%): feasibility, work progress, research duration, division of labor with the cooperating party.
5. After the evaluation, FDCT and GDST will select the jointly funded projects from the projects approved by both parties. Both parties will simultaneously announce the list of jointly funded projects to the public.

VI. Requirements for Filling out the Project Proposal

1. The project proposal is an important source for FDCT and the peer experts to understand the conditions of the project, to conduct consultation and appraisal of the project, and to select the best projects. The applicant must carefully fill out the project proposal according to requirements for the content, format and number of words.
2. The basic requirements for filling out the project proposal are as follows:
 - (1) The project applicant must meet the requirements stipulated in Article 2, Chapter 1 of the Chief Executive's Dispatch No. 235/2018.
 - (2) The cooperation project should carry important meaning, ample reason, a clear goal, specific content, a feasible cooperation plan and assessable technical indicators.
 - (3) The project must possess adequate foundation for cooperation. The project applicant must possess the relevant channels and ability for cooperation and can foster a cooperative and trusting relationship with the cooperation partner. A relevant project cooperation agreement or memorandum with the cooperation partner should be signed.
 - (4) The cooperation partner must possess a relatively strong technological strength or a relatively high scientific research level, as well as the will and ability to cooperate with Macao. The cooperating partner can collaborate by means of technology, capital,

personnel or data and information, advanced equipment and exclusive resources.

- (5) The intellectual property rights can be effectively protected and the findings of the cooperation research will be shared justly, thus upholding the interests of both parties.
- (6) The funding provided does not support the construction of infrastructure or pure equipment procurement. Neither does it support soft science research projects on policies and management, nor projects on market promotion.

VII. Method of Filling out the Proposal

Please log in the online application system to complete the application.

<https://apps.fdct.gov.mo/sams/public/main-page.faces>

For more details, please refer to the [instructions of general research grants](#).

VIII. Application Period

The period designated by FDCT's Administrative Committee