



澳門特別行政區
Região Administrativa Especial de Macau
科學技術發展基金
Fundo para o Desenvolvimento das Ciências e da Tecnologia

Funding Scheme for Scientific Research and Innovation

Application Guidelines for Projects Type B (2023)

According to Article 9 of the *Funding Scheme for Scientific Research and Innovation* approved by the Chief Executive on December 1, 2022, the Administrative Committee of the Science and Technology Development Fund (hereinafter referred to as “FDCT”) has formulated the Application Guidelines for Projects Type B of this Funding Scheme.

I. Objectives

In line with the Macao SAR Government’s policies, FDCT is committed to promote the industry-university-research partnership, facilitate the production of application-based research findings, so as to improve the contribution of scientific and technological innovation to social and economic development in Macao.

II. Support Areas

The research projects shall align with the Second Five-Year Plan of Macao economic and social development, the Macao SAR Government’s Policy Address for 2023, related planning and programs of Guangdong-Macao In-Depth Cooperation Zone in Hengqin, etc., especially the projects that can promote scientific research and industrial development in the fields such as Chinese medicine, integrated circuits, electronic components, Internet of Things, big data, artificial intelligence, new energy, space science, advanced materials and biomedicine.



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III. Funding Amount and Project Duration

1. The amount applied for each project shall not exceed MOP 3,000,000;
2. Each project has a maximum funding duration of 3 years.

IV. Funding Type

No repayment required.

V. Application Period

July 10th to August 11st

VI. Applying Entities

Entities that fulfill the following conditions are eligible to submit application:

1. Local higher education institutions under the supervision of the Macao SAR Government;
2. Laboratories or other entities engaged in scientific and technological R&D in the Macao SAR;
3. Private non-profit organizations registered in the Macao SAR;
4. Researchers engaged in R&D activities in the Macao SAR.

VII. Application Documents

Please refer to Article 6 of the *Financial Aid Grant Regulation* as approved by the Chief Executive's Dispatch No. 64/2021.



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VIII. Requirements for Expected Project Findings

1. The expected project findings shall include software, hardware (prototype, mock-up), technical standards, formulas, new materials, new technologies, etc., and specify the potential economic or social benefits after the utilization of the project;
2. The expected TRL of the project proposed shall be TRL 4 or above upon its conclusion.

IX. Project Budget

1. The applying entity shall specify the budget of the project in the application proposal. The spending listed shall meet the conditions of “Eligible Spending” prescribed in the following article;
2. In case of cooperation with commercial institutions, the budget of the supporting funds invested by such commercial institutions shall also be provided.

X. Eligible and Ineligible Spending

Please refer to Article 3 of the *Financial Aid Grant Regulation* as approved by the Chief Executive’s Dispatch No. 64/2021.

XI. Application Method

The applying entities shall log in the online application system to complete the proposal prior to the deadline of application:

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



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XII. Assessment Criteria

1. The assessment is performed by FDCT according to the *Financial Aid Grant Regulation* approved by the Chief Executive's Dispatch No. 64/2021.
2. The priority goes to the collaborative projects jointly proposed by the applying entities and commercial institutions inside or outside Macao.
3. Key considerations will be given to the followings:
 - 3.1 Assessment of technologies and research findings
 - 3.1.1 Technical level;
 - 3.1.2 Potential application;
 - 3.1.3 Real-life application.
 - 3.2 Competence of the applying entity
 - 3.2.1 R&D team and research basis;
 - 3.2.2 Qualifications and quantity of team members;
 - 3.2.3 Research conditions;
 - 3.2.4 Cooperative research.
 - 3.3 Project planning
 - 3.3.1 Assessment of work plan;
 - 3.3.2 Soundness of budget;
 - 3.3.3 Project feasibility.
4. FDCT may conduct site inspection to verify the research conditions of the applying entity, interview with the project team and partners (if any) as necessary.