



Macao Special Administrative Region
Região Administrativa Especial de Macau

Science and Technology Development Fund
Fundo para o Desenvolvimento das Ciências e da Tecnologia

Assessment Indicators and Explanations of Funding for Enterprise Innovation and R&D

I. Assessment Indicators

| Primary indicators and weights | | Secondary indicators and weights | |
|---|-----|--|-----|
| 1. Assessment of technology and results | 55% | 1.1 Economic or social benefits | 40% |
| | | 1.2 Technical level | 40% |
| | | 1.3 Practical application scenarios | 20% |
| 2. Eligibility of applicants | 20% | 2.1 Scientific research foundation of the team | 40% |
| | | 2.2 Quality and quantity of members | 30% |
| | | 2.3 Research conditions | 30% |
| 3. Project plans | 25% | 3.1 Assessment of work plans | 15% |
| | | 3.2 Rationality of budget arrangements | 15% |
| | | 3.3 Project feasibility | 30% |
| | | 3.4 Cooperative research | 40% |



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II. Explanations on Assessment Indicators

1. Assessment of technology and results

1.1 Economic or social benefits

Assessment is conducted mainly based on the economic benefits of the project results to applicants and the region, the benefits to the society, the promotion of technological development and industrial innovation, market demands and competitive advantages.

1.2 Technical level

Assessment is conducted mainly based on the technical level and feasibility, degree of maturity and innovation related to the project.

1.3 Practical application scenarios

Assessment is conducted mainly based on the applicability, rationality, practical application value and significance of the usage scenarios of project results.

2. Eligibility of applicants

2.1 Scientific research foundation of the team

Assessment is conducted mainly on the project funds and awards once obtained by the project team in the same research direction, and economic benefits created by the team.

2.2 Quality and quantity of members

Assessment is conducted mainly based on the project team's qualifications and research experience in fields related to research contents, articles published in important periodicals, and whether the number of members is arranged according to the project's actual needs.

2.3 Research conditions

Assessment is conducted mainly based on whether the applicant's existing scientific research facilities (such as laboratories, factories, equipment and instruments) can support and ensure the smooth implementation of this project.



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3. Project plans

3.1 Assessment of work plans

Assessment is conducted mainly based on the goals achieved at different stages of the project research and its rationality, the degree of matching between the research contents and the research time, and the rationality of personnel investment.

3.2 Rationality of budget arrangements

Assessment is conducted mainly based on the rationality and necessity of the project budget (including researcher allowances, instrument and equipment costs, consumable material costs, collaboration costs and other derivative expenses, etc.), self-matching amounts, and expenses raised by partners.

3.3 Project feasibility

Assessment is conducted mainly based on the feasibility of the actual project operation, namely, the possibility of successful results during the project operation.

3.4 Cooperative research

(1) Whether the applicant has carried out cooperative research with local universities or enterprises in Hengqin, as well as the complementary advantages of both parties, the rationality of the division of work and the allocation of property rights, resources that aforesaid universities or scientific research institutions are committed to investing and their degree of participation, etc.

(2) Whether the project complies with the *Second Five-Year Plan for Economic and Social Development of Macao Special Administrative Region (2021-2025)*, the *Moderate Economic Diversification Development Plan of Macao Special Administrative Region (2024-2028)*, the *Fiscal Year 2025 Policy Address* and relevant plans and programs of the Guangdong-Macao In-Depth Cooperation Zone in Hengqin to carry out scientific research and industrial development, especially projects that can promote fields including traditional Chinese medicine, integrated circuits, electronic components, Internet of Things, big data, artificial intelligence, new energy, space science, advanced materials and biomedicine.