



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 Scheme for Scientific Research and Innovation - Demand Driving

### I. Assessment Indicators

Primary indicators and weights		Secondary indicators and weights	
1. Assessment of technology and results	55%	1.1 Technical level	40%
		1.2 Application prospects	30%
		1.3 Practical application scenarios	30%
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 Industry-university-research cooperation	40%



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## **II. Explanations on Assessment Indicators**

### **1. Assessment of technology and results**

#### **1.1 Technical level**

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

#### **1.2 Application prospects**

Assessment is conducted mainly based on the application prospects and value of research results, the practicality of research results, etc.

#### **1.3 Practical application scenarios**

Assessment is conducted mainly based on the applicability, rationality, practical application value and significance of the application 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 related fields, 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 Industry-university-research cooperation

Assessment is conducted based on whether the applicant has carried out cooperative research with local enterprises (especially those certified by the *Certification Program of Technology Enterprise* of the Economic and Technological Development Bureau) 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, etc.