



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 Research and Innovation - Capability Enhancement

### I. Assessment Indicators

Primary indicators and weights		Secondary indicators and weights	
1. Assessment of technology innovation enhancement	60%	(1) Expected research effects	35%
		(2) The value of scientific and technological achievements of the project	35%
		(3) The role of the project in improving the scientific research capabilities of participants	30%
2. Eligibility of applicants	20%	(4) Scientific research foundation of the team	40%
		(5) Quality and quantity of members	30%
		(6) Supporting conditions	30%
3. Project plans	20%	(7) Assessment of work plans	40%
		(8) Rationality of budget arrangements	30%
		(9) Project feasibility	30%



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

### **1. Assessment of technology innovation enhancement**

#### **(1) Expected research effects**

Assessment is conducted mainly based on the expected degree of innovation and whether it can enhance Macao's scientific and technological innovation capabilities and thereby promote the role and contribution of scientific and technological innovation to social development.

#### **(2) The value of scientific and technological achievements of the project**

Assessment is conducted mainly based on the prospects and value of expected results.

#### **(3) The role of the project in improving the scientific research capabilities of participants**

The project conducts an assessment of the cultivation of young researchers in applied science and technology research and improvement in the innovative research capabilities of participants.

### **2. Eligibility of applicants**

#### **(4) 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.

#### **(5) 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.

#### **(6) Supporting 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

(7) 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.

(8) 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.

(9) 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.