

**RESEARCH GRANTS MANAGED BY MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION (MOSTI)
THAT FUND CLINICAL TRIAL**

Ministry of Science, Technology and Innovation (MOSTI) is the Malaysian ministry in charge of research, telecommunication and information technology¹. MOSTI is tasked to championing scientific discovery and transforming innovation through efficient, ethical and professional management of funds for Research and Development and Commercialisation (R&D&C); increasing the quantity and quality of human capital in Science, technology and innovation (STI); and wider dissemination and application of technology for the benefit of grassroots².

Currently, MOSTI offers 4 types of research fund that includes ScienceFund, TechnoFund, InnoFund and Flagship Programme. Scopes of funding for these funds range from basic study to establish proof-of-concept (PoC), development of prototype, pre-clinical study and clinical trial until the commercialisation of products or processes (Table 1). These funds are available for application by researcher from government research institution and university throughout the year. Therefore, qualified clinical investigators from Ministry of Health (MOH) are encouraged to apply through National Institutes of Health (NIH). Application guidelines for these research funds can be referred at MOSTI's website (www.mosti.gov.my).

Table 1. Various Research Funds Managed by MOSTI in 10th Malaysian Plan

MOSTI's Research Funds	SCIENCEFUND	TECHNOFUND	INNOFUND		FLAGSHIP PROGRAMME
			ENTERPRISE INNOFUND (EIF)	COMMUNITY INNOFUND (CIF)	
DEFINITION	Grant provided by Government to carry out R&D projects that can contribute to the discovery of new ideas and the advancement of knowledge in applied sciences, focusing on high impact and innovative research.	TechnoFund is a grant scheme which aims to stimulate the growth and successful innovation of Malaysian enterprises by increasing the level of R&D and its commercialisation. The scheme provides funding for technology development, up to pre-commercialisation stage, with the commercial potential to create new businesses and generate economic wealth for the nation.	InnoFund is a grant scheme which funds the development or improvement of new or existing products, processes or services with elements of innovation. The project must have economic value and improves the societal well-being of the community. InnoFund can be categorized into Enterprise InnoFund (EIF) and Community InnoFund (CIF).		The Flagship Programme is a special grant scheme programme provided by MOSTI to fund research in areas identified to have an impact on the development of STI and aligned with the New Economic Model (NEM). The Flagship Programme is a top-down approach and the National Science and Research Council (NSRC) sets the research priority areas and particular niches that need to be implemented for the sustainability of current Government initiatives.
OBJECTIVES	<ul style="list-style-type: none"> i. To support research that can lead to the innovation of products or processes for further development and commercialisation; and/or; ii. To generate new scientific knowledge and strengthen national research capacity and capability. 	<ul style="list-style-type: none"> i. Development of new or cutting edge technologies or further develop/value add existing technologies/products in specific areas; ii. Undertake market driven R&D towards commercialisation of R&D outputs; iii. Encourage institutions, local companies and inventors to capitalise their intellectual work through intellectual property (IP) registration; 	To increase the participation of micro-businesses, individuals in innovative activities and encourage technological innovation of new or existing products, process or services for commercialisation.	To assist community groups in translating knowledge and ideas into products, processes or services that improve the socio-economic standing and quality of life of the community.	Flagship Programme is for the development and generation of new technologies, processes, innovative products or value add existing technologies/products that have the potential to accelerate the identified research priority areas/or for commercialisation and/or for societal well-being.

		iv. Stimulate the growth and increase capability and capacity of Malaysian technology-based enterprises, Malaysian Government Research Institutes (GRI) and Institutions of Higher Learning (IHL) through both local and international collaborations.		
SCOPE OF FUNDING	ScienceFund covers preliminary research leading to laboratory proof of concept or towards the development of new products or processes.	<p>The Pre-Commercialisation (TechnoFund) will cover:</p> <ul style="list-style-type: none"> i. The acquisition of technology (foreign and/ or local); ii. The up-scaling of laboratory-scale prototype or the development of commercial ready prototype; iii. Pre-clinical testing/clinical testing/field trials. 	<p>The funding will cover the following:</p> <ul style="list-style-type: none"> i. Specialised equipment; ii. Pre-clinical/clinical trial/ field trial (if applicable); iii. IP preparation and registration in Malaysia only (excluding maintenance); iv. Regulatory and standard compliance; v. Expenditure for services not exceeding 40% of project cost (consultancy/ testing); vi. Raw materials. 	<p>Funding provided may be used for:</p> <ul style="list-style-type: none"> i. Pilot plant/ prototype – equipment and supporting infrastructure which is directly related to the pilot plant; ii. Acquisition of technology (foreign or local). Applicants must provide details of the technology including agreement (if available at the time of application); iii. Pre-clinical testing/clinical testing/field trials/stress test/user acceptance test; iv. IP preparation and registration/copyright in Malaysia only (excluding maintenance); v. Regulatory and standards compliance; vi. Accessories needed include items that are necessary to upgrade the capability of existing equipment directly related to the project; vii. The costs, minor modifications and repairs of existing equipment used during the duration of project

					<p>period;</p> <p>viii. Raw materials/consumables directly related to the project can be included;</p> <p>ix. Market testing and evaluation.</p>
QUANTUM OF FUNDING	up to RM500,000.00	up to RM3,000,000.00	up to RM50,000.00 for Individual/ Sole proprietor and RM300,000.00 for Micro/ Small Companies	up to RM300,000.00	up to RM4,000,000.00
PROJECT DURATION	up to 30 months	up to 30 months	up to 12 months	up to 18 months	up to 36 months

REFERENCES

1. http://en.wikipedia.org/wiki/Ministry_of_Science,_Technology_and_Innovation_%28Malaysia%29
2. [http:// www.mosti.gov.my](http://www.mosti.gov.my)