MOSTI R&D Fund for Public Universities

UPM Sharing Session – 15 March 2018
Content

• Introduction
• MOSTI R&D Fund
• Criteria of a Successful Application
• Main Areas for Improvement
• What’s next?
Fund Division, MOSTI

R&D Fund - Capacity Building Series 1/2018

Introduction

STI Excellence Through Demand Driven R&D Financing

Demand Driven

- Economic Growth & Societal Well-being
  - 2 schemes – SMART Challenge Fund and GoFund
  - 3 priority areas
  - Socio Economic Objective, followed by Field of Research

Innovation Driven

- Knowledge Generation, Wealth Generation & Societal Well-being
  - 3 schemes - Science Fund and Pre Commercialization (TechnoFund & InnoFund)
  - 10 priority areas
  - Field of Research, followed by Socio Economic Objective
STI Excellence Through Demand Driven R&D Financing

Introduction

Demand Driven

- Solving national problem
- Societal Wellbeing

STRATEGIC
Research

- Identify long term solution
- Economic Growth

PRIORITY Research

- Medical & Healthcare
- Green Growth for Sustainable Development
- Water, Food & Energy Nexus

SMART Challenge Fund
- Strategic
- Priority

GoFund
- InnoFund
- Facilitation Fund
- International Collaboration Fund

KERTAS STRATEGI 21 (RMKE-11)
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SMARTFund - an initiative to increase participation of Public Universities in Commercialization

- Pre-commercialisation project that is highly innovative to spur economy and societal benefit.
- Open to businesses and researchers.
- To solve national problems and identify long term solutions.
- Specific, measurable, achievable, realistic and timely (SMART)

**STRATEGIC**

- To tackle strategic issues that will provide long term solution.
- Spur economic returns for the country.
- Technology Readiness Level 4
- Max: RM1 million
- Duration: 24 months

**PRIORITISED**

- To tackle prioritized issues that need immediate solution.
- Improve societal wellbeing.
- Technology Readiness Level 6
- Max: RM3 million
- Duration: 24 months
SMARTFund - an initiative to increase participation of Public Universities in Commercialization

Eligibility & Payment Mode

**Reimbursable Basis**
Small & Medium Enterprise
- 51% equity held by Malaysians.
- Minimum paid up capital RM10,000.
Institution of Higher Learning (Private)

**Disbursement Basis**
- Government Research Institution
- STI Agencies
- Institution of Higher Learning (Public)

Disbursement Basis improves public universities’ access and utilization of its approved allocation, as compared to reimbursable basis.
Pineapple plantation project enables orang asli community to earn a stable income

Wednesday, 13 Jul 2016

By Ong Han Sean

Tengku Fahd Mua’adzam (middle, in green) with the orang asli community who received donations at the event.
Promoting Cross Border R&D Activities through International Collaboration Fund

- **Joint R&D projects** between researchers in Malaysia and collaborators from other countries.
- **Expansion & enhancement of research capacity**
- Research project leading to laboratory **proof of concept** or development of **new products or processes**.

Open to all local research scientists & engineers

- Institution of Higher Learning
- MOSTI STI Agencies
- Government Research Institution
- Private Research Institution

- **Max Quantum of RM500,000 incl. 6% GST**
- Payment Mode - **Disbursement Basis**
- Max implementation duration of **24 months**
- **Oral presentation** in international conferences (max RM15,000)
- Travel & accommodation expenses for work carried out at **counterpart’s laboratory** (max RM20,000)

**No Cross Border of funds**
Promoting Cross Border R&D Activities through International Collaboration Fund

5 Research Priorities that are enabler driven

- AGRICULTURE & FORESTRY
- MEDICAL & HEALTH SCIENCES
- ENGINEERING & TECHNOLOGY
- ICT
- BIOTECHNOLOGY

Enablers:
- industry 4.0
- IoT
- nanotech

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Fund Division, MOSTI
WELCOME TO EDANA SYSTEM
MOSTI R&D Fund
Online Application

Stage 1: Application
- Application by online system https://edana.mosti.gov.my
- Administrative Vetting

Stage 2: Evaluation and Approval
- Reviewed by Fund Expert Committee
- Presentation / Pitching Session
- Due diligence
- Strategic Committee
- Approval Committee
- Notification of result

Stage 3: Contracting and Payment
- Letter of acceptance
- Project Agreement (Sign by Applicant)
- Project Agreement (Sign by MOSTI)
- Stamping of Project Agreement
- Payment

60 DAYS
30 DAYS

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Evaluation that is focusing on Sustainability, Relevance and Feasibility of the Projects

- **Benefit / Importance**: Identifying the benefit project can bring in terms of creating economic growth and societal wellbeing.

- **Technology**: Clarity in terms of objectives & output expected, methodology, technology readiness, compliance to regulatory / ethical requirement, manufacturability etc.

- **Project Management**: Demonstrated ability of the team to successfully achieve the objectives, identifying and mitigating risk etc.

- **Commercialization Potential**: Established an understanding in relevant business model options, appropriateness of project in the market, potential, diffusion rate, compliance to standard etc.
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The most common gaps revolve around technical and business information.
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Moving Up the Commercialization Value Chain by participating in MCY 2.0
Do you require more info?

03- 8885 8305/ 8324/ 8367/ 8704/ 8322

helpdesk-edana@mosti.gov.my
Thank You

https://www.mosti.gov.my
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Bahagian Dana, Aras 4, Blok C4, MOSTI