



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?

STI Excellence Through Demand Driven R&D Financing

Demand Driven

MP
11

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

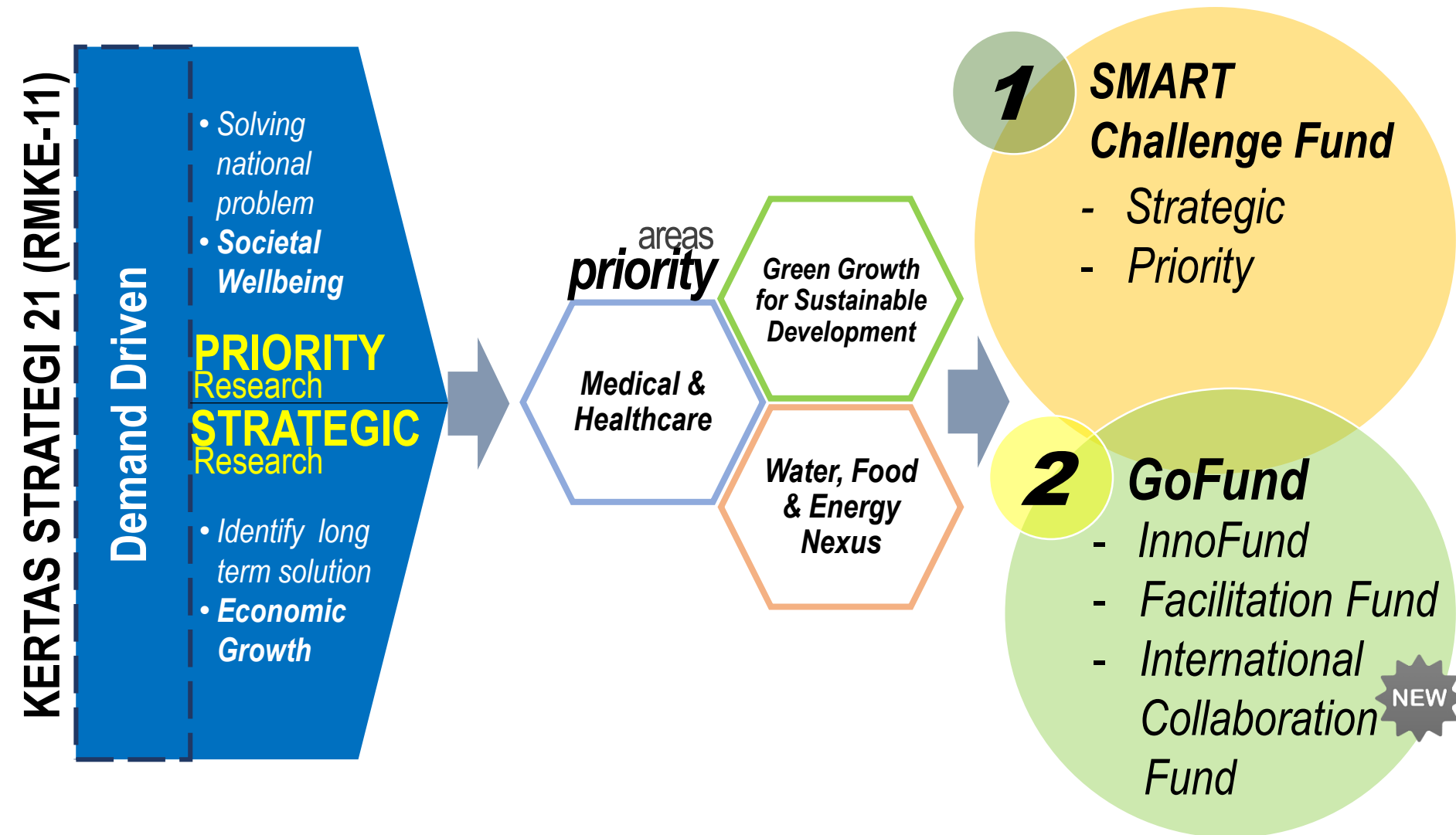


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Innovation Driven

- **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*

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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	PRIORITISED
<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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.

MOSTI R&D Fund

MD2 Pineapple Tissue Culture

Pineapple plantation project enables orang asli community to earn a stable income

METRO NEWS

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.



MOSTI R&D Fund

Trackless Automated Guided Vehicle



MOSTI R&D Fund 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)

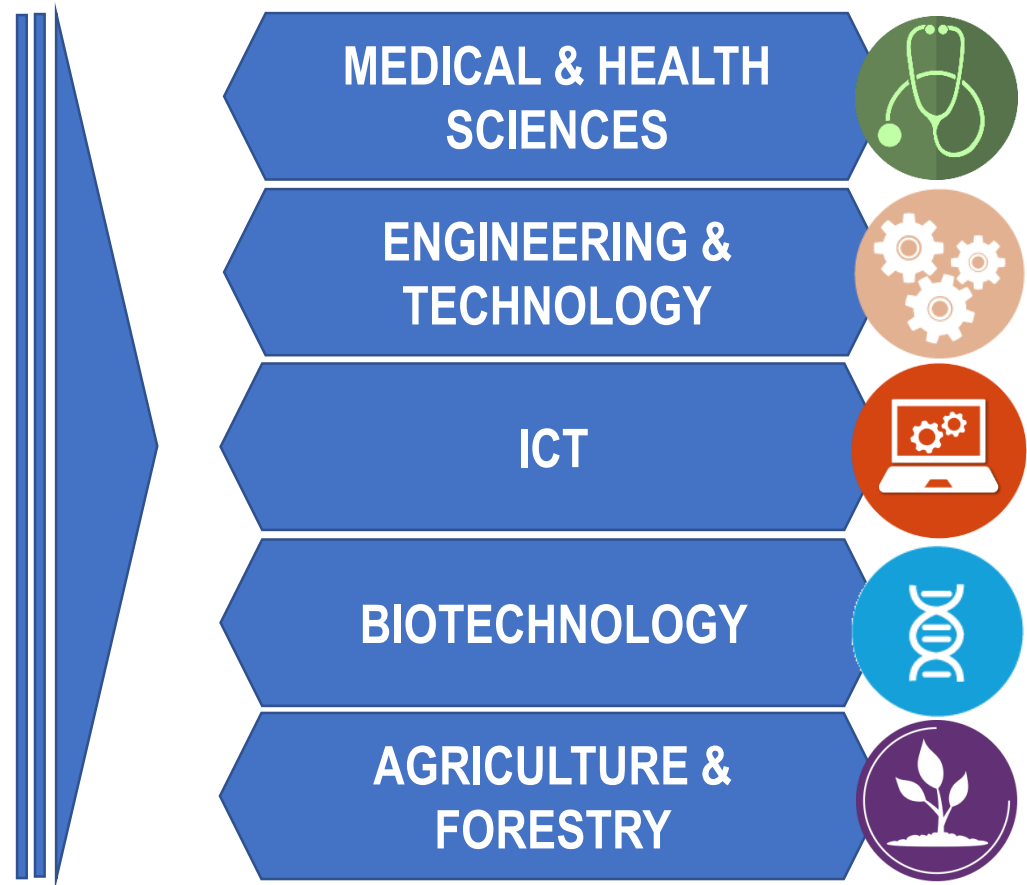
No Cross Border of funds

MOSTI R&D Fund
Promoting Cross Border R&D Activities through
International Collaboration Fund



5 Research Priorities that are enabler driven

IoT **industry 4.0**
 Enablers
nanotech





KEMENTERIAN SAINS, TEKNOLOGI DAN INOVASI
MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION

WELCOME TO EDANA SYSTEM



<https://www.mosti.gov.my>



<https://edana.mosti.gov.my/edana/>



Bahagian Dana, Aras 4, MOSTI

Application Form
()

Fund Application
Entity Information
Project Members
Collaborator Information
Background Information
Project Details
Milestones and Activities
Project Costing
Equipment
Source Fundings
Market Demand
Financial Projection
Potential Contribution
Document Upload

Fund Application

Next

Main Fund *

Select Main Fund ▾

Select Main Fund

Sub Fund *

GO-Fund
SMARTFund

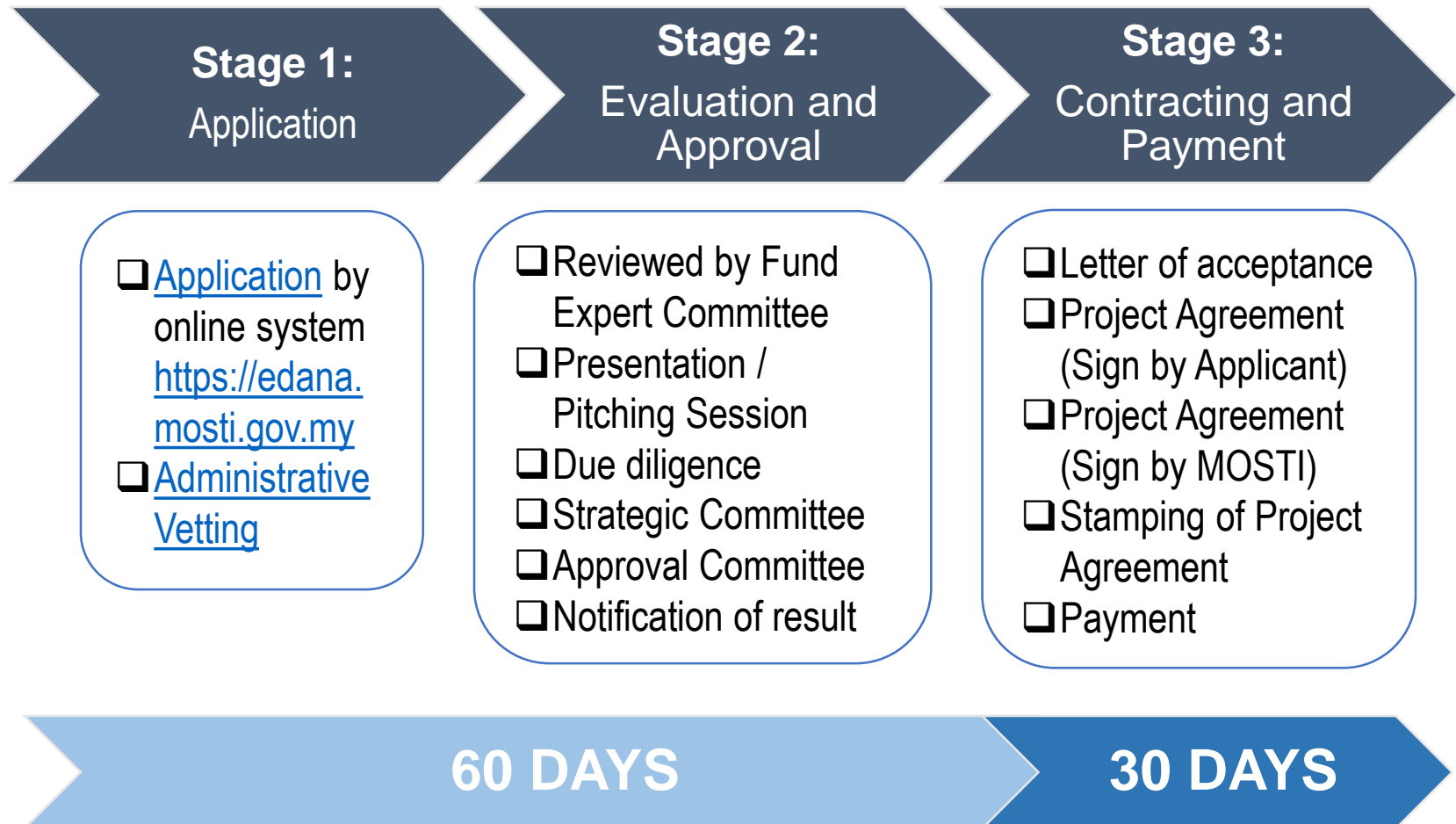
Type of Funding *

Select Type of Funding ▾

Entity Classification *

Select Entity Classification ▾

Next



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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

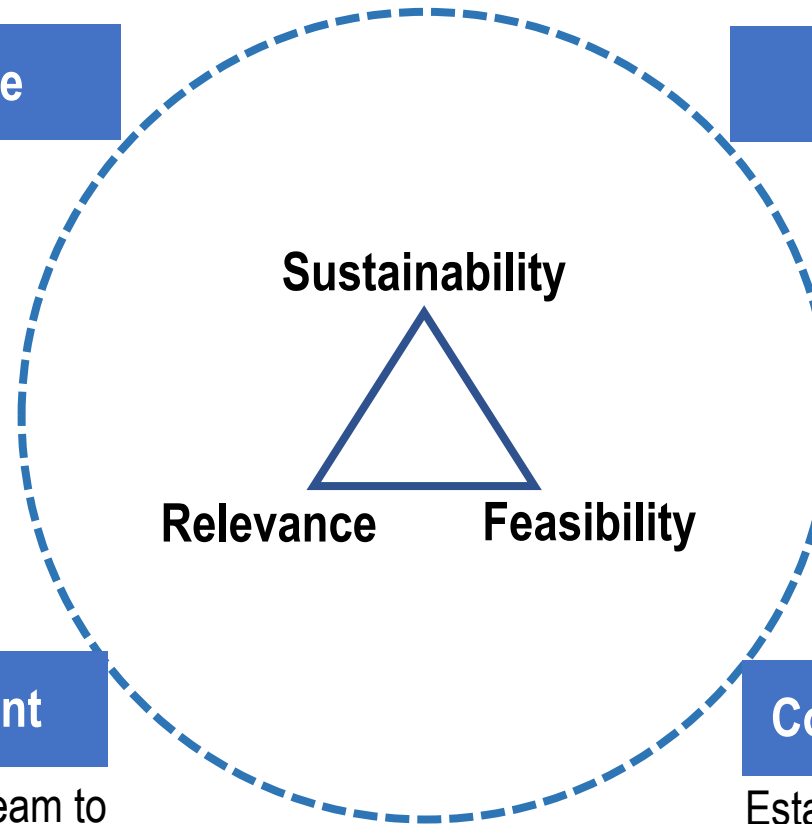
Clarity in terms of objectives & output expected, methodology, technology readiness, compliance to regulatory / ethical requirement, manufacturability etc

Project Management

Demonstrated ability of the team to successfully achieve the objectives, identifying and mitigating risk etc.

Commercialization Potential

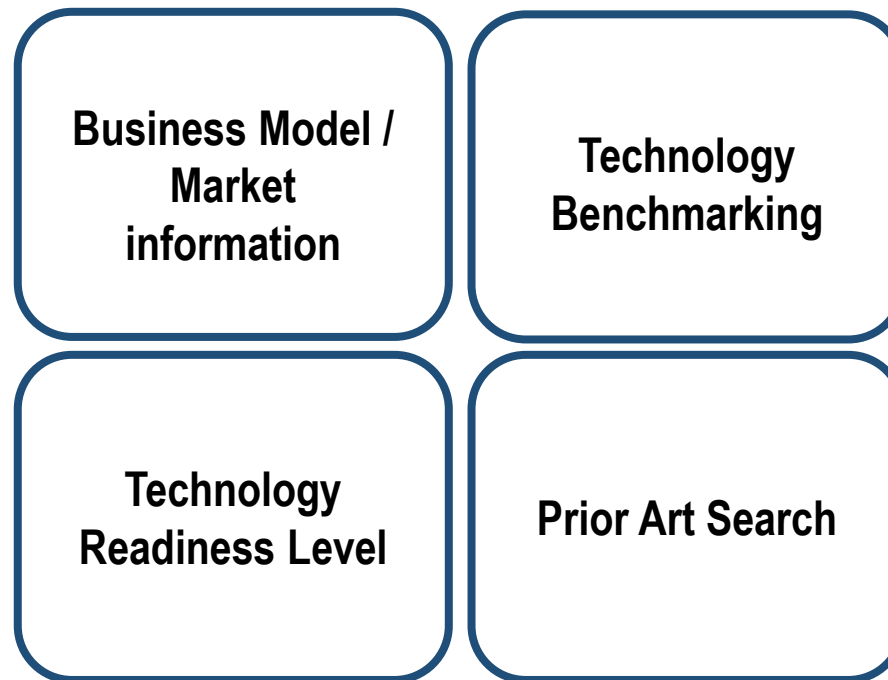
Established an understanding in relevant business model options, appropriateness of project in the market, potential, diffusion rate, compliance to standard etc



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The most common gaps revolve around technical and business information



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What's next?

Moving Up the Commercialization Value Chain by participating in MCY 2.0



What's next?

Do you require more info?



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



helpdesk-edana@mosti.gov.my

Thank You



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