



MIDA-MPMA CONFERENCE ON GOVERNMENT ASSISTANCE 2022

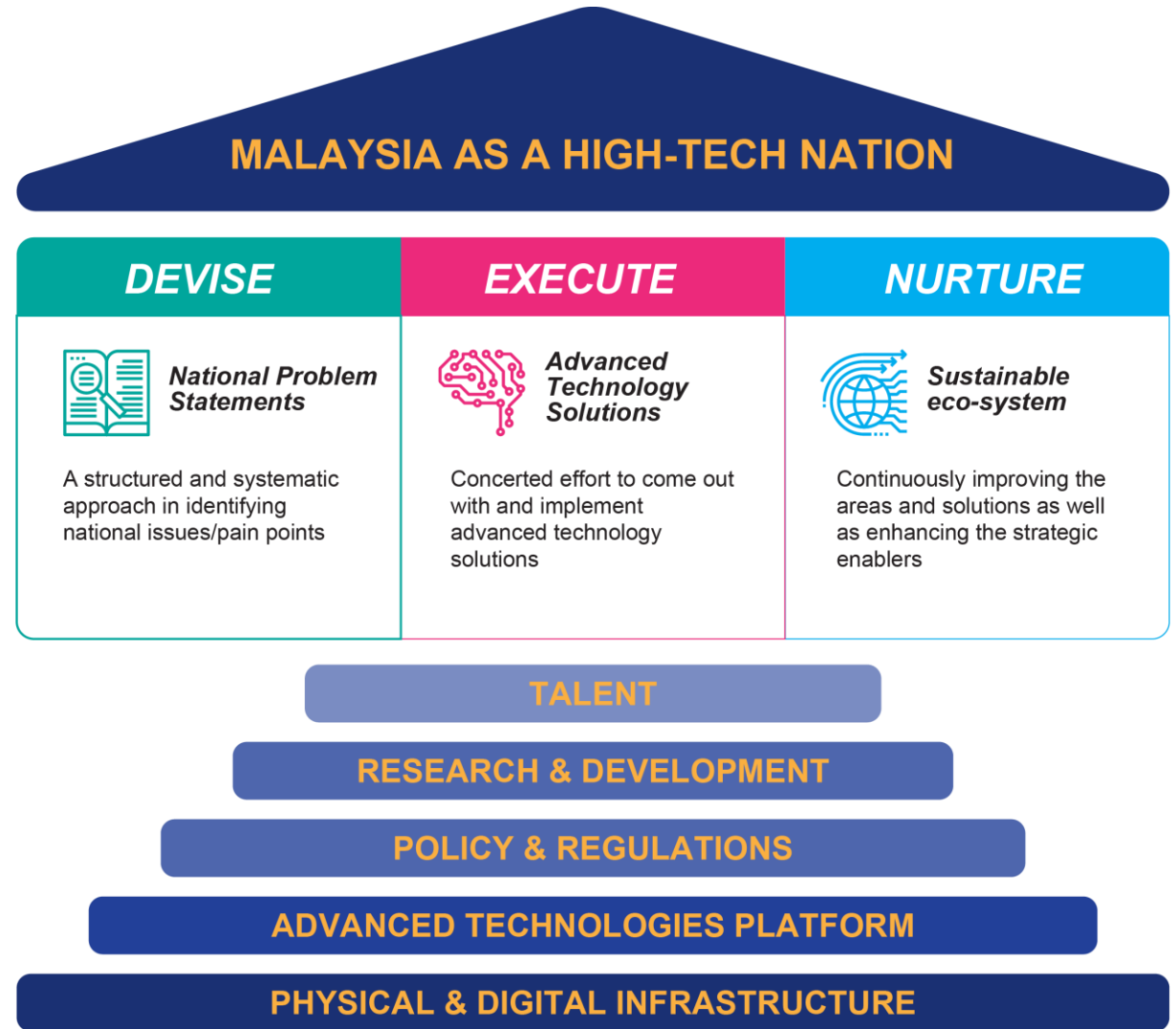
TITLE:

MOSTI R&D FUNDING SCHEMES

**23 NOVEMBER 2022 (WEDNESDAY)
PERDANA HALL, MIDA SENTRAL, KUALA LUMPUR**

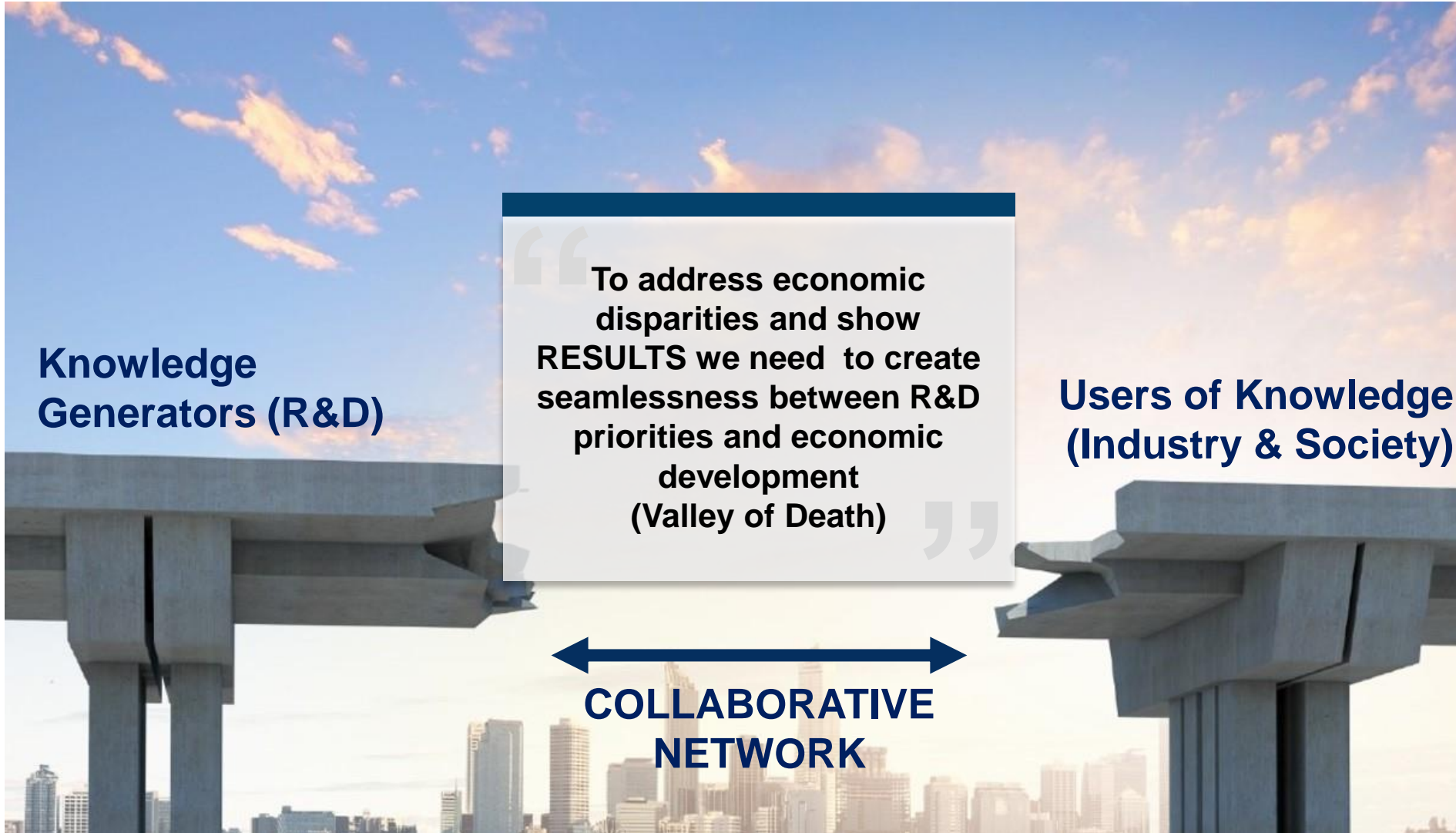
MALAYSIA AS A HIGH TECH NATION

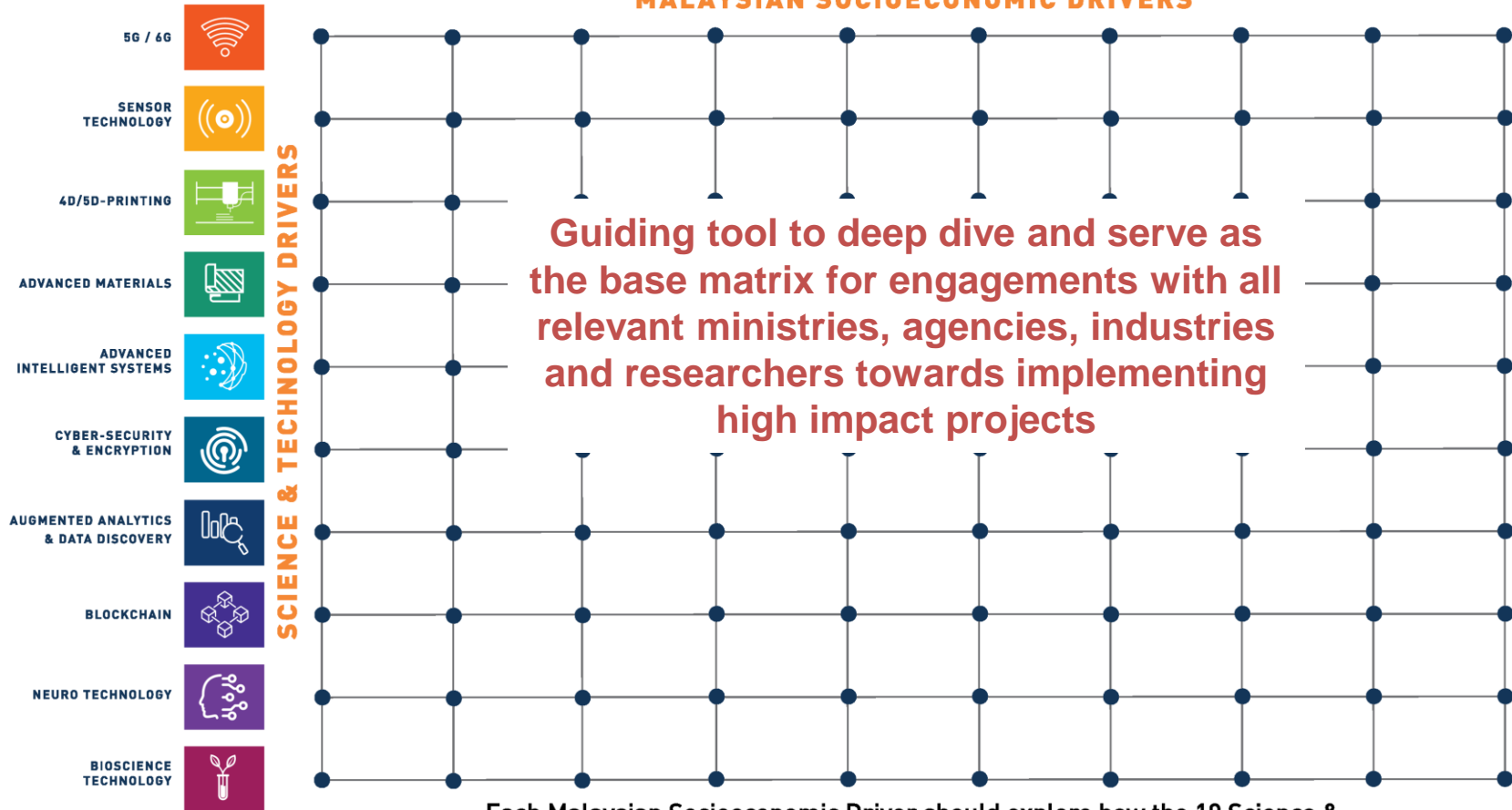
“A country can be considered a high-technology nation when the degree of cutting-edge technologies become a critical driver of productivity”



Source: National Policy on Science, Technology & Innovation 2021-2030

DSTIN 2021-2030 FOR THE FIRST TIME OFFICIALLY LINKS SCIENCE, TECHNOLOGY & INNOVATION TO THE ECONOMY





Guiding tool to deep dive and serve as the base matrix for engagements with all relevant ministries, agencies, industries and researchers towards implementing high impact projects

Each Science & Technology Driver should explore core technologies & applications for the 10 Malaysian Socioeconomic Drivers

Driving Fundamental & Translational Research

Each Malaysian Socioeconomic Driver should explore how the 10 Science & Technology Drivers will value-add and enhance their global competitiveness

MOSTI R&D FUND FUNDING SCHEMES



FUND DIVISION
MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION (MOSTI)

INTRODUCTION

Malaysia Grand Challenge (MGC)

MOSTI launched the **Malaysia Grand Challenge (MGC)** on 8 January 2021.

The MGC is supported by the MOSTI Funding Fund aimed at elevating the National Science, Technology and Innovation agenda to enhance a sustainable and inclusive economy in line with the Science, Technology and Innovation Policy (DSTIN) for 2021 to 2030.



MALAYSIA GRAND CHALLENGE

CHALLENGES



The infographic features a central title 'CHALLENGES' in a large, bold, yellow font on a black background. Below the title, ten challenge categories are listed in two columns, each with a corresponding icon and a colored bar. The categories are: Culture, Arts & Tourism (pink bar, icon of a graduation cap); Energy (orange bar, icon of a lightning bolt); Environment & Biodiversity (green bar, icon of a globe with leaves); Education (light blue bar, icon of a graduation cap); Smart Technology & Systems (purple bar, icon of a robotic arm, with subtext '(NEXT GENERATION ENGINEERING AND MANUFACTURING)'); Medical & Healthcare (red bar, icon of a heart with a pulse line); Business & Financial Services (orange bar, icon of a dollar sign and bar chart); Agriculture & Forestry (green bar, icon of a leaf); Smart Cities & Transportation (red bar, icon of a city with a Wi-Fi signal); and Water & Food (blue bar, icon of a water drop). The background is a light gray with a circuit-like pattern. At the top right, there is the Malaysian coat of arms and the text 'KEMENTERIAN SAINS, TEKNOLOGI DAN INOVASI / MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION'. At the bottom, the URL 'https://sdb.mosti.gov.my/' is displayed in a red box.

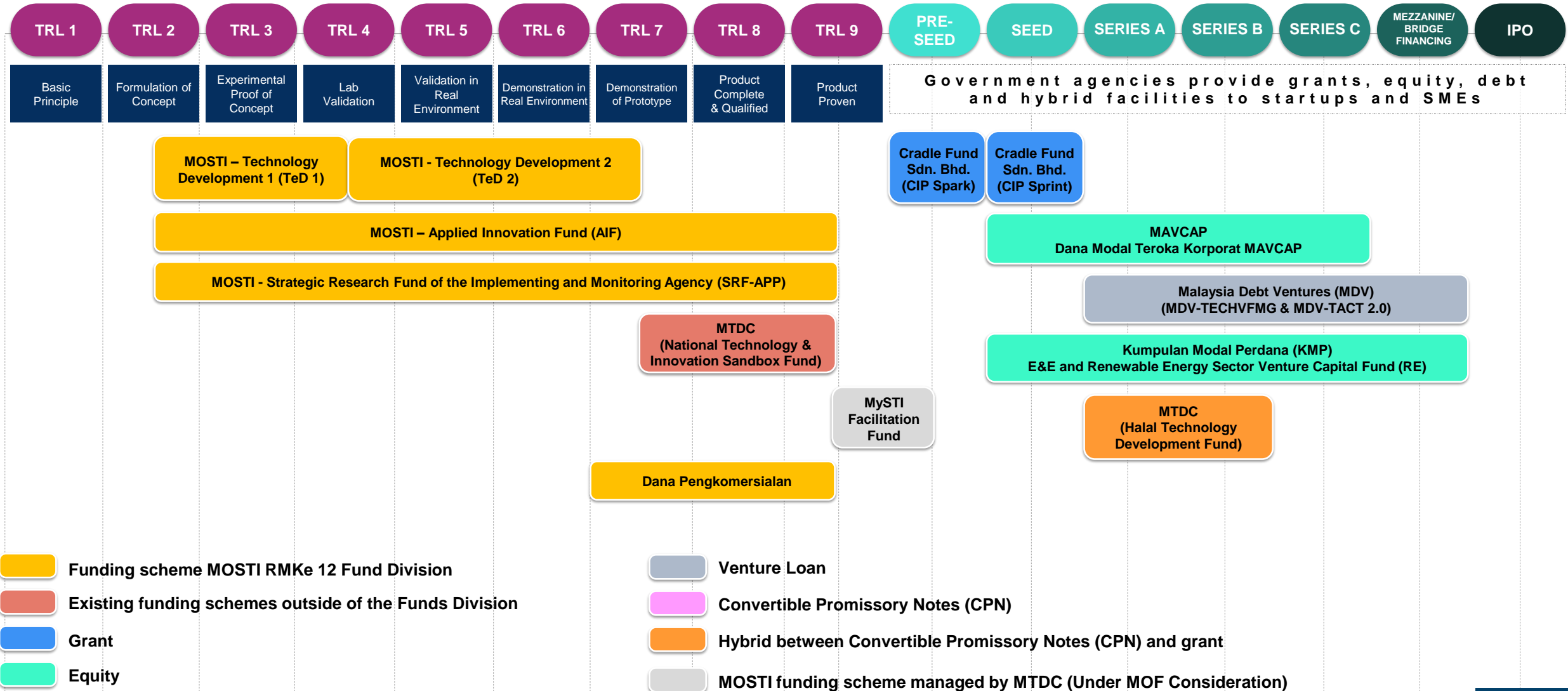
MALAYSIA
GRAND CHALLENGE

CHALLENGES

- CULTURE, ARTS & TOURISM
- ENERGY
- ENVIRONMENT & BIODIVERSITY
- EDUCATION
- SMART TECHNOLOGY & SYSTEMS
(NEXT GENERATION ENGINEERING AND MANUFACTURING)
- MEDICAL & HEALTHCARE
- BUSINESS & FINANCIAL SERVICES
- AGRICULTURE & FORESTRY
- SMART CITIES & TRANSPORTATION
- WATER & FOOD

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

MOSTI R&D FUNDING ECOSYSTEM



MOSTI R&D FUND FUNDING SCHEMES

MALAYSIA
GRAND CHALLENGE

MOSTI R&D FUNDING SCHEMES

Starting January 2021, the Ministry of Science, Technology and Innovation (MOSTI) offers 5 funding schemes under the Strategic Technology Driver Fund Program (PEMACU) which aims to develop an R&D ecosystem with a focus on experimental research projects (Experimental Development)

01 AIF
APPLIED INNOVATION FUND
Increase the participation of innovators in innovation activities
TECHNOLOGY READINESS LEVEL : 2-9

02 TED1
TECHNOLOGY DEVELOPMENT FUND 1
Potential for commercialisation
TECHNOLOGY READINESS LEVEL: 2-4

03 TED2
TECHNOLOGY DEVELOPMENT FUND 2
Towards commercialisation
TECHNOLOGY READINESS LEVEL: 4-7

04 BGF
BRIDGING FUND
Increase product's readiness level to penetrate the market
TECHNOLOGY READINESS LEVEL: 7-9

05 SRF
STRATEGIC RESEARCH FUND
Give a high impact to the country and in line with the Malaysian Science, Technology and Innovation Policy (DSTIN)
TECHNOLOGY READINESS LEVEL: 2-9

www.sdb.mosti.gov.my

MGC FUNDING SCHEME

TOP-DOWN



SRF-APP



Start-up | SME | MNC | IHL | GRI
(Including Non-Citizens)



RM15,000,000.00



36 Months



TRL 2 – 9

* DP



Start-up | SME | IHL | GRI | Association | NGO | CBO



RM4,000,000.0



24 Months



TRL 7 – 9

From 1 July 2022, DP is administered and managed by MRANTI

BOTTOM-UP



AIF



Individual | Start-up | SME | Association | Cooperatives | Registered NGOs



Financing up to RM500,000.00

(Subject to the application conditions set out in the AIF Financing Scheme Guidelines)



12 – 18 Months



TRL 2 – 9



TeD1



Start-up | SME | IHL | GRI (Including Non-Citizens)



RM1,000,000.00



24 Months



TRL 2 – 4



TeD2



Start-up | SME | IHL | GRI ((Including Non-Citizens)



RM3,000,000.00



36 Months



TRL 4 – 7

CHANGE OF FOCUS

RMK-11

FOCUS ON INNOVATION



RM130 million for Economic Growth and Social Welfare



- I. Inno Fund
- II. Techno Fund
- III. Smart Fund
- IV. MOSTI R&D Fund
- V. International Collaboration Fund (ICF)
- VI. MOSTI Combating COVID-19 Fund (MCCOF)



Prioritize pre-commercialization focus areas in:

- i. Medicine and Health Care
- ii. Green Growth for Sustainable Development
- iii. Water, Food and Energy Nexus



RMK-12

FOCUS ON EXPERIMENTAL DEVELOPMENT



RM500 million for Experimental Development and increase the GERD/GDP target to 3.5% by 2030



Malaysia Grand Challenge (MGC)

- I. Applied Innovation Fund (AIF)
- II. Technology Development Fund 1 (TeD1)
- III. Technology Development Fund 2 (TeD2)
- IV. Bridging Fund (ended on 30 June 2022)
- V. Strategic Research Fund
- VI. MOSTI Combating COVID-19 Fund (MCCOF)
- VII. Dana Pengkomersialan (started on 1st July 2022 and managed by MRANTI)



Guided by MySTIE 10-10 Framework

SCOPE OF FUNDING

AIF



TeD1



TeD2



SRF-APP



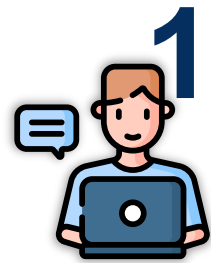
DANA PENGKOMERSIALAN



- i. Pre-clinical testing / clinical testing / non-clinical testing / field testing / stress testing / user acceptance testing
- ii. Intellectual Property (IP)
- iii. Market research and evaluation
- iv. Compliance with rules and standards
- v. Professional and special services
- vi. Raw materials / consumables directly related to the project
- vii. Administration (appointment of GRA / RO Project related travel and transportation expenses)
- viii. Technology/ IP Acquisition
- ix. Support equipment and infrastructure directly related to the pilot/ prototype plant

- i. Design (product and visual communication)
- ii. Accreditation/ Certification/ Standard Compliance/ Technology Audit
- iii. (except for making factory or manufacturing plant, Original Equipment Manufacturer (OEM))
- iv. Incubation includes value -added service facilities (technical advisory and consultancy services)
- v. Market validation study (product market validation) and product modification activities are ready for the market
- vi. Purchase of equipment or support facilities related to the project
- vii. Registration/ Acquisition/ Partnership and Intellectual Property Incentives
- viii. Technology Transfer (must further enhance)
- ix. Up-Scaling technology
- x. Advanced packaging
- xi. Transportation costs for product development
- xii. Administration (GRA / RO appointment)

MOSTI R&D FUND GOVERNANCE



1



2



3



4



5

APPLICATION

ASSESSMENT

CONTRACTS & PAYMENTS INTRODUCTION

MONITORING

FINISH PROJECT

- Online application via SDB
- Administrative Review

- Fund Valuation Committee (JPD)
- Fund Approval Committee (JKD)
- Decision Notification

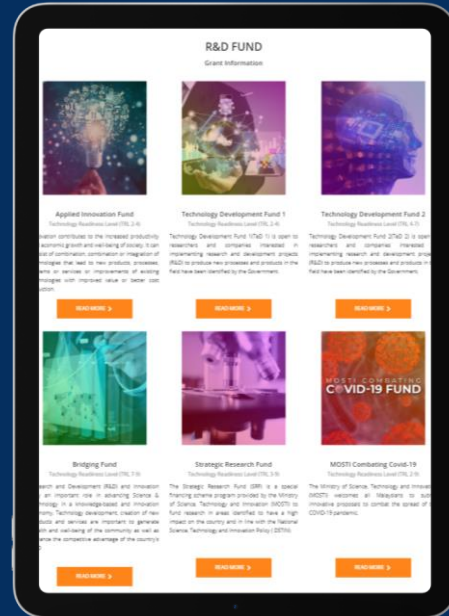
- Offer letter
- Acceptance letter
- Meeting Concludes Agreement
- Advance Payment After the Agreement is Stamped

- JPPD
- JPPP
- JKD
- Termination
- Claims

- Final Project Report (EOP)
- Project Completion Letter
- Fast track element

Log on : <https://sdb.mosti.gov.my/>

HOW TO APPLY



<https://sdb.mosti.gov.my/sdbcms/en/>

FUND APPLICATION GUIDE FOR TOP-DOWN



APPLICATION GUIDE

STRATEGIC RESEARCH FUND THROUGH IMPLEMENTING AND MONITORING AGENCIES

SRF APP APPLICATION METHOD BY APPLICANT



- 01 Browse SDB system <https://sdb.mosti.gov.my>
- 02 Read the SRF-APP scheme guidelines
- 03 Applicants identify and contact APP based on the project proposal and APP's area of specialisation
- 04 Fill in the application template provided by APP
- 05 Coordination and initial evaluation of project application by APP
- 06 Notification of preliminary assessment results by APP to applicant

SRF APP APPLICATION METHOD BY IMPLEMENTING AND MONITORING AGENCIES (APP)



- 01 Coordination of project and program applications
- 02 Presentation of APP program and project proposals to the MOSTI Evaluation Committee
- 03 Cost details and project milestones with expert panel for recommended projects only
- 04 Consideration of the MOSTI Approval Committee
- 05 Notification of results by MOSTI to APP
- 06 Notification of the final decision by APP to applicant

<https://sdb.mosti.gov.my> | urusetia.srf@mosti.gov.my | 03 8885 8544 / 8704 / 8258 / 8327

FUNDING AGENCIES UNDER MOSTI

Commencing May 2018, Fund Division is responsible to monitor five (5) funding agencies, namely:

**Cradle Fund Sdn.
Bhd. (CFSB)**



Aims to help promising potential and high quality startup technology entrepreneurs by providing grant at early and developmental stage (CIP Spark and CIP Sprint).

**Malaysia Venture
Capital Management
(MAVCAP)**



Providing venture capital funding (equity) through the fund of funds mechanism to the startup companies from the early stage until at the growth stage in ICT technologies, green technology, deep technology and financial technology.

**Malaysia Debt
Ventures (MDV)**



Providing conventional loans and venture debt to local technological startup. The focus area are Green Technology, Biotechnology, Information and Communication Technology, Renewable Energy and Emerging Technology.

**Kumpulan Modal
Perdana (KMP)**



Providing venture capital funding (equity) in Electrical and Electronics (E&E) and Renewable Energy/ Green Technology to potential startup from homegrown to the overseas.

**Malaysian Technology
Development
Corporation (MTDC)**



Providing hybrid financial assistance that includes grant and Convertible Promissory Note (CPN) to startup and technology companies.

**THANK
YOU**

FUND DIVISION MOSTI

FUND DIVISION
MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION (MOSTI)
FLOOR 4, BLOCK C4, COMPLEX C
FEDERAL GOVERNMENT ADMINISTRATIVE CENTRE 62662 PUTRAJAYA

PHONE
(+60)3 88858298 (General Line)

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

