



MTDC

MALAYSIAN TECHNOLOGY
DEVELOPMENT CORPORATION

Domestic Investment Seminar Series 1

Malaysian Investment Development Authority
(MIDA)

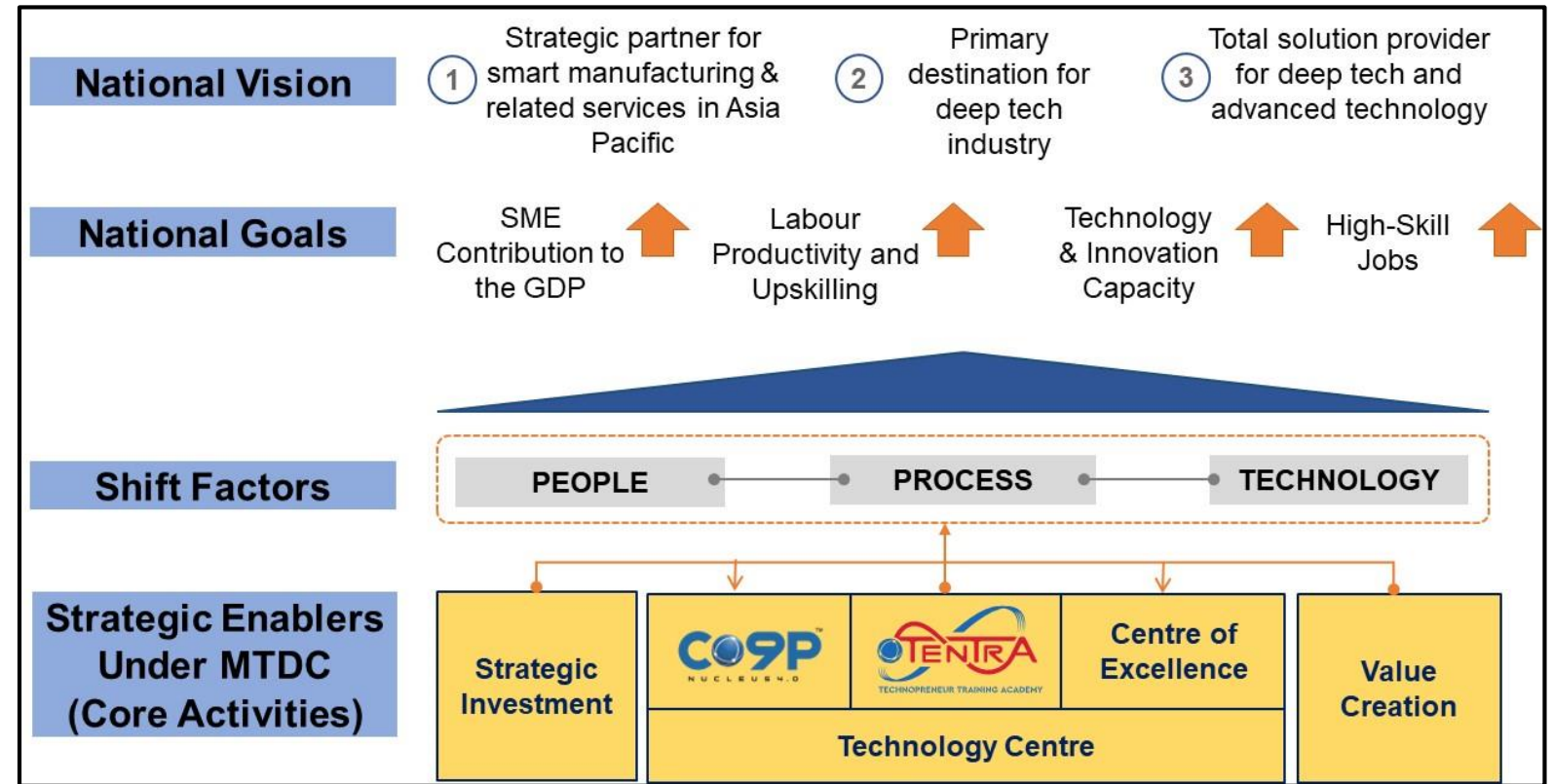
26 July 2022

MTDC as Strategic Investor and Value Creator in Deep Technology

Shareholder



Wholly-owned by Khazanah Nasional Berhad, the sovereign wealth fund of Malaysia



MTDC is the **Strategic Investor** and **Value Creator** in Deep Technology.

MTDC's Strategic Roles:

- To finance and develop companies in strategic deep technology areas.
- To identify and transfer emerging and strategic technologies for adoption by SMEs.

MTDC's Core Activities



STRATEGIC INVESTMENT

Instrument

- i. Hybrid (Grant + CPN);
- ii. CPN; and
- iii. RCPS.

Programs

- i. NTIS
- ii. BSF
- iii. BGF
- iv. HTDF;
- v. ECF & P2P.



ACCELERATING TECHNOLOGY ADOPTION (COE/CO9P)

Sectoral approach

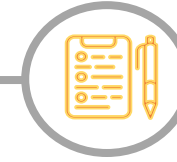
- i. The Nine Pillars of i4.0;
- ii. Automation & Robotics;
- iii. Retrofitting;
- iv. 3D printing; and
- v. Drone.



PROMOTING TECHNOLOGY ENTREPRENEURSHIP (TENTRA)

Programs

- i. Talent Consultancy/Training for DeepTech Workforce Development
- ii. Enhancement of Entrepreneurship Skills & Capabilities of MSMEs



VALUE CREATION (AVAS)

Advisory services

- i. Business Advisory
- ii. Financial Advisory
- iii. Technical Advisory
- iv. Marketing Advisory
- v. Fund raising
- vi. Legal Advisory



TECHNOLOGY CENTRES

Technology Centres

- i. UPM;
- ii. UKM;
- iii. UTM;
- iv. UiTM; and
- v. FRIM.

Acceleration program

- i. Accelerate i4.0 technology solution providers and adopters.

MTDC is the country's leading agency of technology and SMEs development, providing funds and managing technology centres, complemented with an array of value-added services.

MTDC'S Funds Under Management in 2022

BUSINESS START-UP FUND ("BSF")

SMEs &
Startups

Funding for technology-based companies (startups / SMEs) to commercialise their technology products and / or services. BSF focuses on new technology-based businesses, particularly in the growth sectors of the economy.

**Funding up to RM5million,
Convertible Promissory
Notes instrument for 5 year.**

HALAL TECHNOLOGY DEVELOPMENT FUND

SMEs &
Startups

Funding for startups / SMEs in the halal industry. Primary focus of the fund is to provide companies with access to the technology, advisory & nurturing services and networks. Activities include halal product development process and regulatory compliance services, as part of the effort to overcome barriers and hurdles to bring halal products and services to market.

**HTDF 1 (local) - grant and
Convertible Promissory Note
(CPN) up to a maximum of
RM2 million.**

**HTDF 2 (Int) - grant and
Convertible Promissory Note
(CPN) up to a maximum of
RM4 million.**

NATIONAL TECHNOLOGY & INNOVATION SANDBOX FUND ("NTIS")

SMEs &
Startups

Funding for participants to assess technology readiness, gauge market acceptance and address regulatory concerns before progressing to commercialisation or to commercialise technologies/products which have been successfully validated and are ready to enter the market

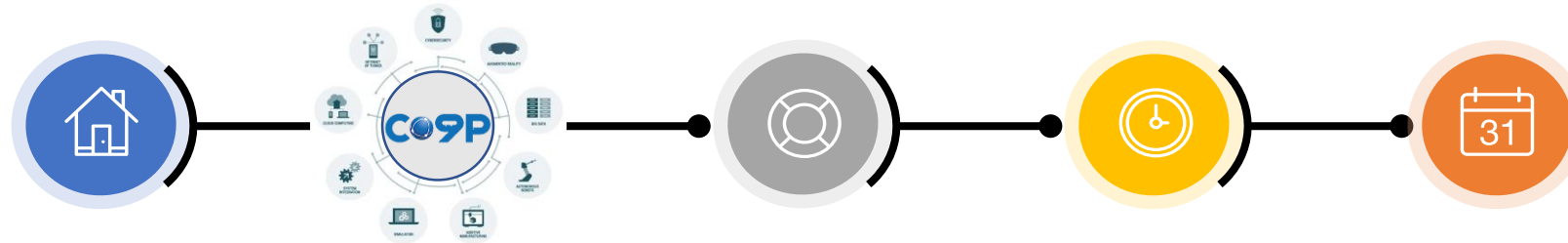
**Single Site – up to RM250k
Multiple Site – 70% or up to
RM500k
Commercialisation – 70% or
RM4mill (CPN+grant)
Corporate Sandbox –
Matching 1:1**

Centre of 9 Pillars (Co9P)



Centre of 9 Pillars

The Centre of 9 Pillars (Co9P) is a centre dedicated for nurturing new Industry 4.0 innovations, with the core idea of bringing together local solution providers, academia, and businesses in a single platform.



Local i4.0 Solutions Provider

Companies within MTDC
Ecosystem & Technical Partners



Collaborative Platform

Consultation, Training
& Customisation

Investment & Value Creation

New job creation
New investment
opportunities



SMEs

Fast track adoption based
on industry requirements



Support Government Agenda

- Industry4WRD
- 10-10 MySTIE Framework
- Malaysia Digital Economy Blueprint
- National 4IR Policy
- Shared Prosperity Vision 2030

Technopreneur Training Academy (TENTRA)

Workforce for Key Economic Growth

Programme Intervention & Innovation

- Enabler 6 : Big Data | Shared Prosperity Vision 2030
- Enabler 5 : Education and Technical & Vocational Education & Training | Shared Prosperity Vision 2030

Talent Consultancy for Deeptech Workforce Development

Job Market Survey & Talent Incubation

- Transformation of Semi and Low Skilled to High Skilled Workforce | National 4IR Policy (2021)
- Evolution in Human Capital Development | National Workforce Human Capital Development Blueprint (2018-2025)
- Future Proof Talent for 4IR | Malaysia Education Blueprint (Higher Education) (2013-2025)



Suite for Enterprise Growth

Talent for SMEs

- ST4 : Support the High Growth & Innovation-Driven Enterprise | National Entrepreneurship Policy 2030
- ST5 : Enhance Entrepreneurship Skills & Capabilities of MSMEs | National Entrepreneurship Policy 2030

Private-Public-People Partnerships (4Ps)

360° Demand Supply Ecosystem



Local i4.0 Solutions Provider



Co9P Experiential Centres



KEMENTERIAN PENGAJIAN TINGGI



KEMENTERIAN SUMBER MANUSIA

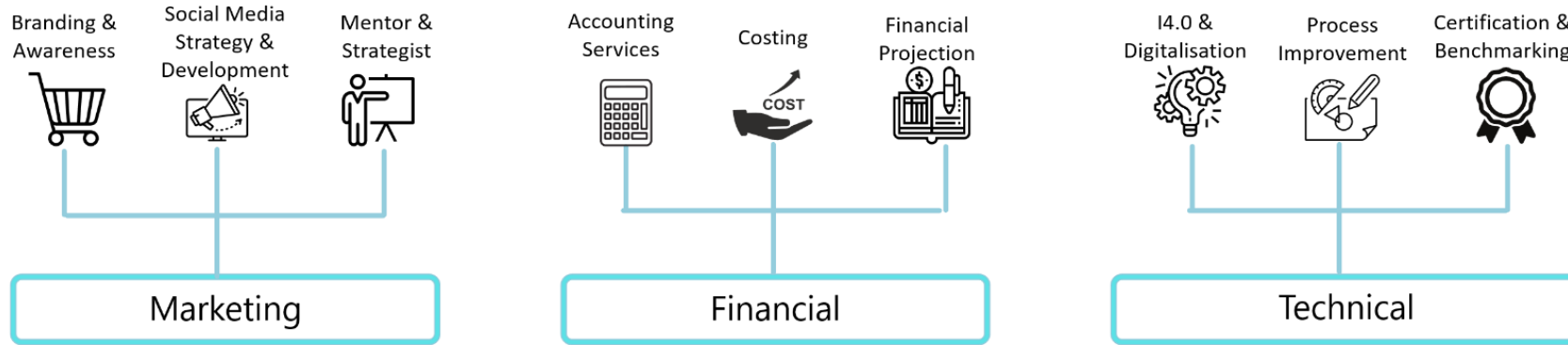


JABATAN PEMBANGUNAN KEMAHIRAN (JPK) KEMENTERIAN SUMBER MANUSIA

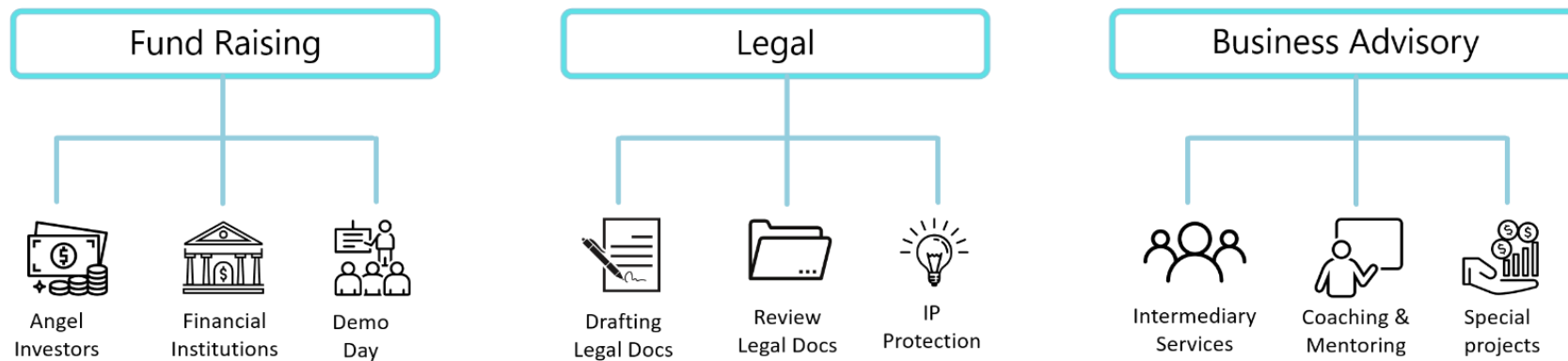


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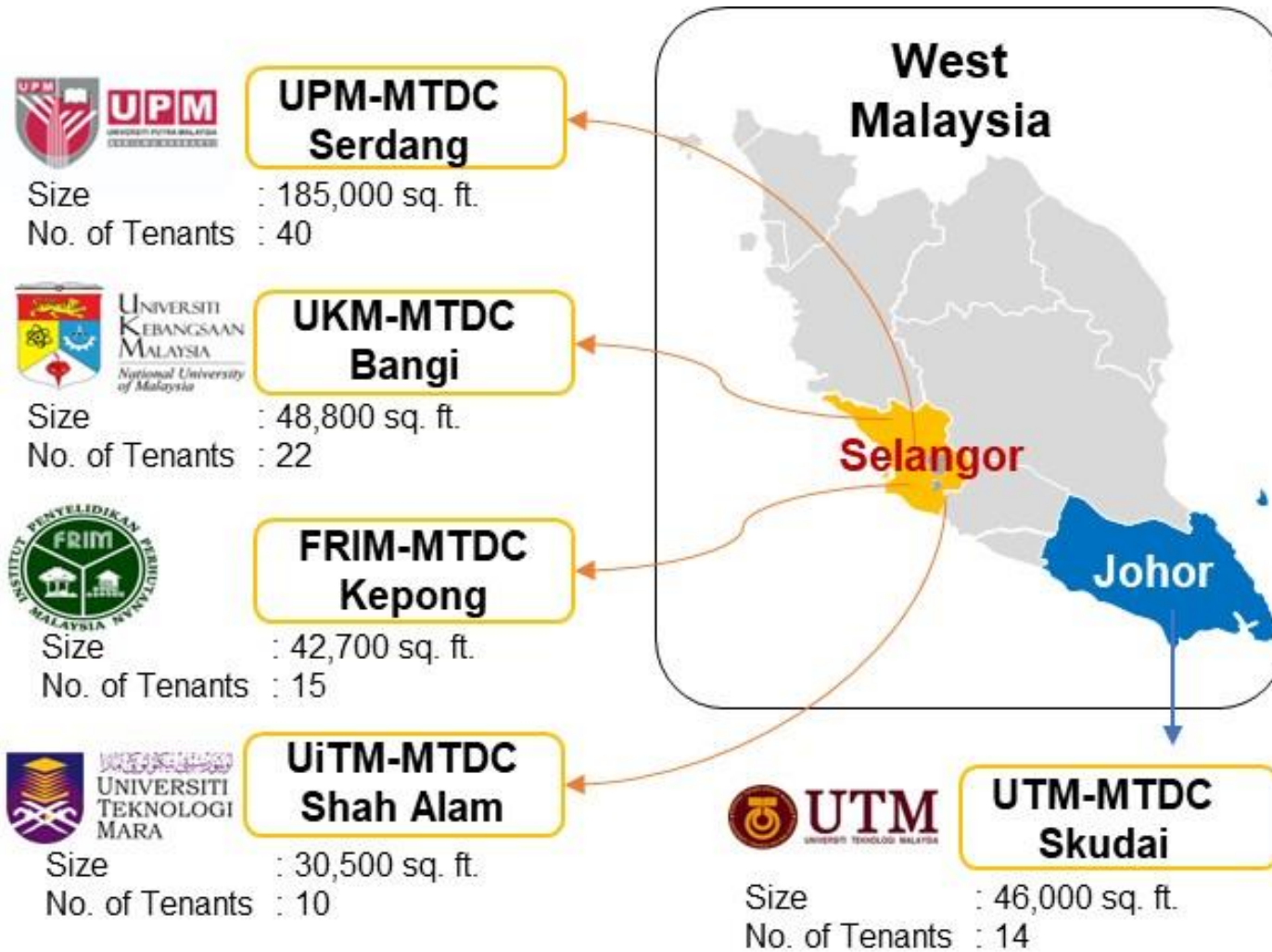
Advisory & Value-Added Services (AVAS)



Advisory & Value-Added Services



MTDC's Technology Centres



Located in local universities and research institute, the centres host many technology companies.

The companies residing in the centres have opportunities to network and collaborate with other technopreneurs. They also have access to the host universities' researchers and facilities as well as advisory and value-added services from MTDC.

These services include advisories in financial, business development, technical, marketing and fund raising. Technology Centre Management is certified with ISO 9001:2015 Quality Management System.

Deep Tech Companies under MTDC



Globetronics
Technology Bhd.



GREATECH



HENG HIAP



3D GENS

MPA



DOUBLE CORPORATE



Empowering Medical Innovation

ARCHTRON
Research & Development Sdn Bhd



AKAR INDAH ENGINEERING SDN BHD



KOTRA INDUSTRIES BERHAD
(497632-P)



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Thank You



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