

# CALL FOR APPLICATION

## MALAYSIA DIGITAL SCALE-UP GRANT – MANUFACTURING (MDSG – MFG)

---

**Open for Application: 8 May 2026**

**Close for Application: 3 June 2026 (12pm; noon)**

### **Confidentiality and Disclaimer**

These slides are strictly private and confidential and shall not be circulated or reproduced in any form whatsoever, without the prior written consent of MDEC. MDEC reserves its right to seek any remedy or relief for any unauthorized use of the slides and/or the information therein. The information contained in these slides is prepared solely for the limited purpose described in these slides. These slides may be incomplete without the accompanying oral commentary and may not be sufficient as a stand-alone document. MDEC does not provide business consultation, legal, financial, accounting or tax advice and the materials herein should not be relied on or construed as such. Information or data from a third party may be used or quoted in these slides. MDEC has not independently verified this information or data. Whilst all efforts have been taken to ensure the accuracy and completeness of the information contained in these slides, MDEC cannot accept responsibility for any action or decision made in reliance of the information contained herein or any liability incurred, or loss suffered as a consequence of relying on the information contained herein. MDEC reserves its right to amend or update the information contained in these slides from time to time.

# CONTENT OF THIS MDSG-MFG KIT

1

## Overview of the MDSG-MFG

- *Timeline*
- *Focus Domains*

2

## Key Components of the MDSG-MFG

- *Capacity Building (Technical & Management/Commercial Track)*
- *Solution / Feature Development (Financial Assistance)*
- *Commercialization (Publicity/Business Development)*

3

## Applying to Join

- *Eligibility Criteria*
- *Supporting Documents*
- *Link for Application Submission*

# OVERVIEW

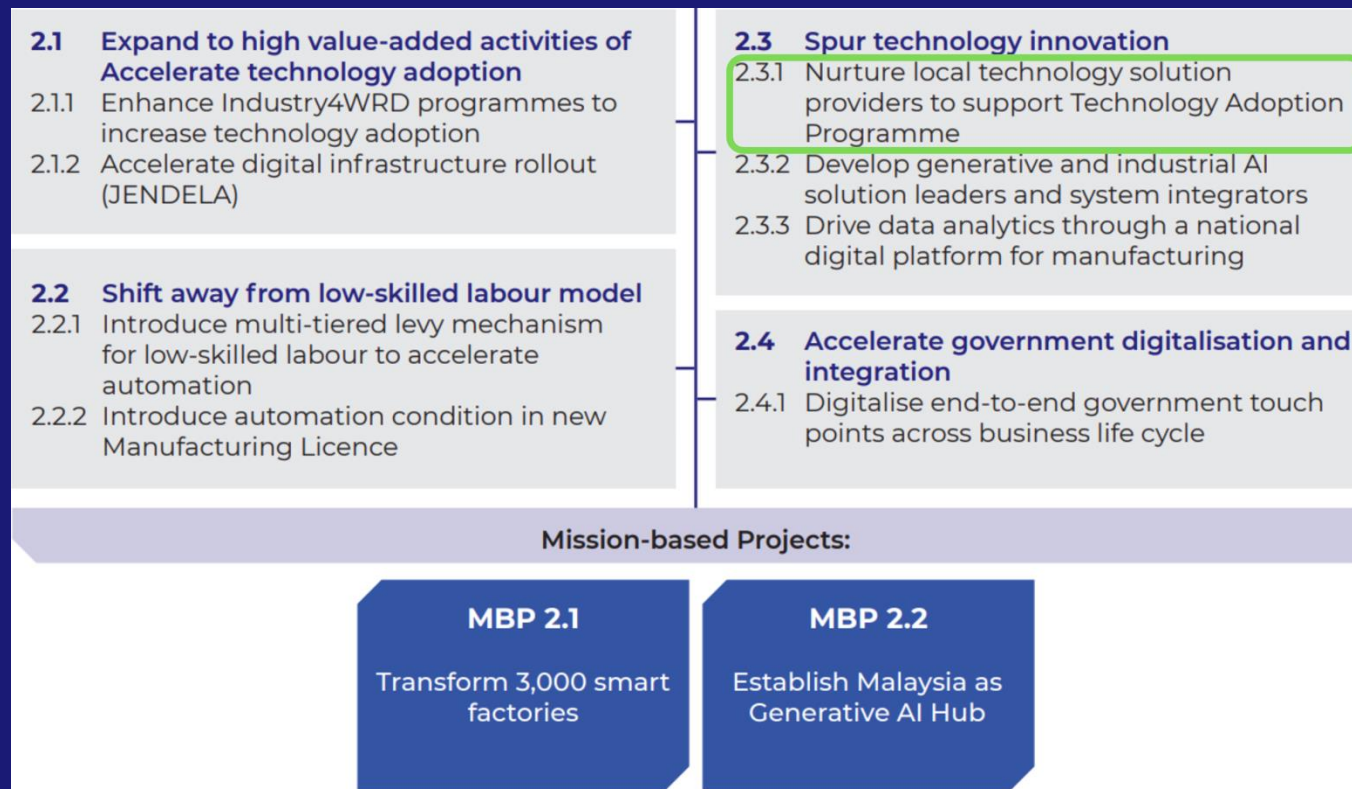
MALAYSIA DIGITAL SCALE-UP GRANT - MANUFACTURING

**MDSG-MFG**

**Mission 2: Action Plan 2.3.1**

The **New Industrial Master Plan 2030 (NIMP 2030)** by MITI is Malaysia’s roadmap to become a high-income, technology-driven economy. It focuses on accelerating smart manufacturing adoption across industries to improve productivity, drive innovation, and support sustainability in line with Industry 4.0.

The Government aims to enhance digitisation and system integration to reduce reliance on low-skilled labour, increase productivity, and create more high-skilled jobs.



**MDSG-MFG**

**ACCELERATING MALAYSIA'S  
SMART MANUFACTURING FUTURE**

**WHO CAN APPLY**

**TSP**

**Already serving  
the manufacturing  
sector**

**TSP**

**New or interested  
to venture into  
manufacturing**

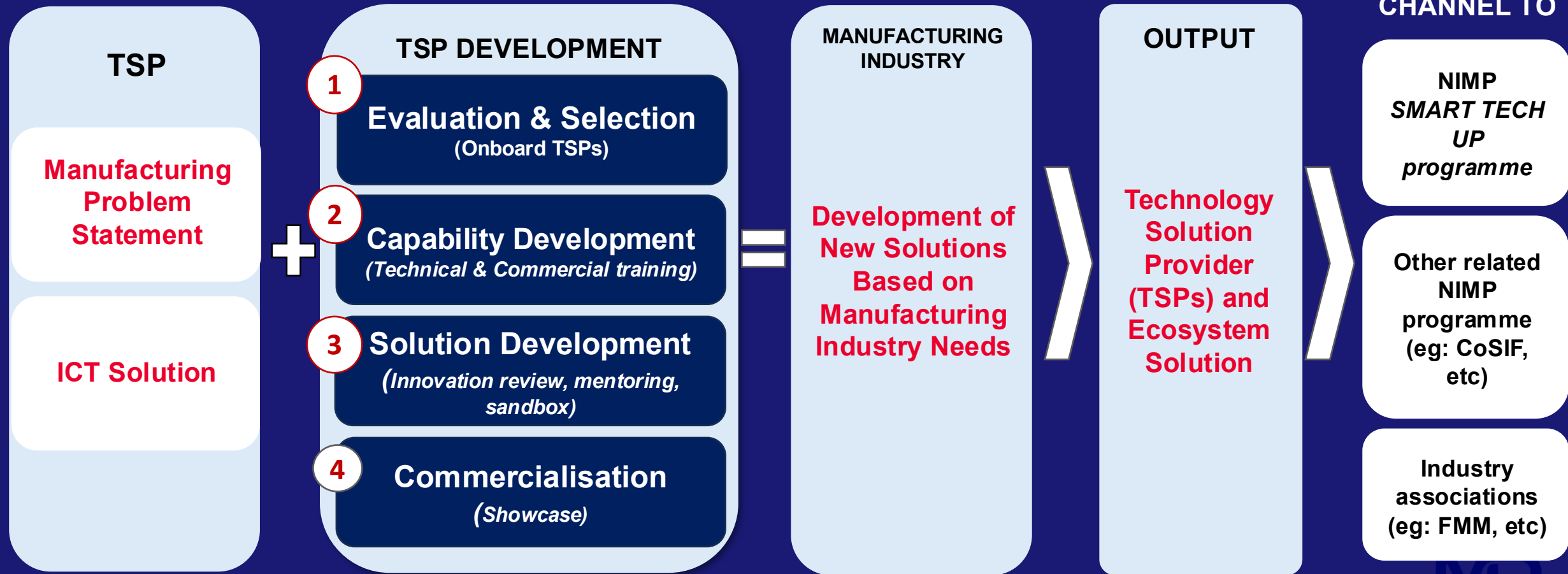
**TSP**

**Non-recipients  
from the previous  
year**

**Manufacturers  
engaging TSPs for  
digital solutions  
may encourage  
their TSPs to apply**

# MDSG-MFG

Supports local Malaysia Digital (MD) companies in developing & scaling-up digital solutions for the manufacturing sector in-line with the New Industrial Master Plan 2030 (NIMP) 2030 target to transform 3,000 smart factories by 2030 .

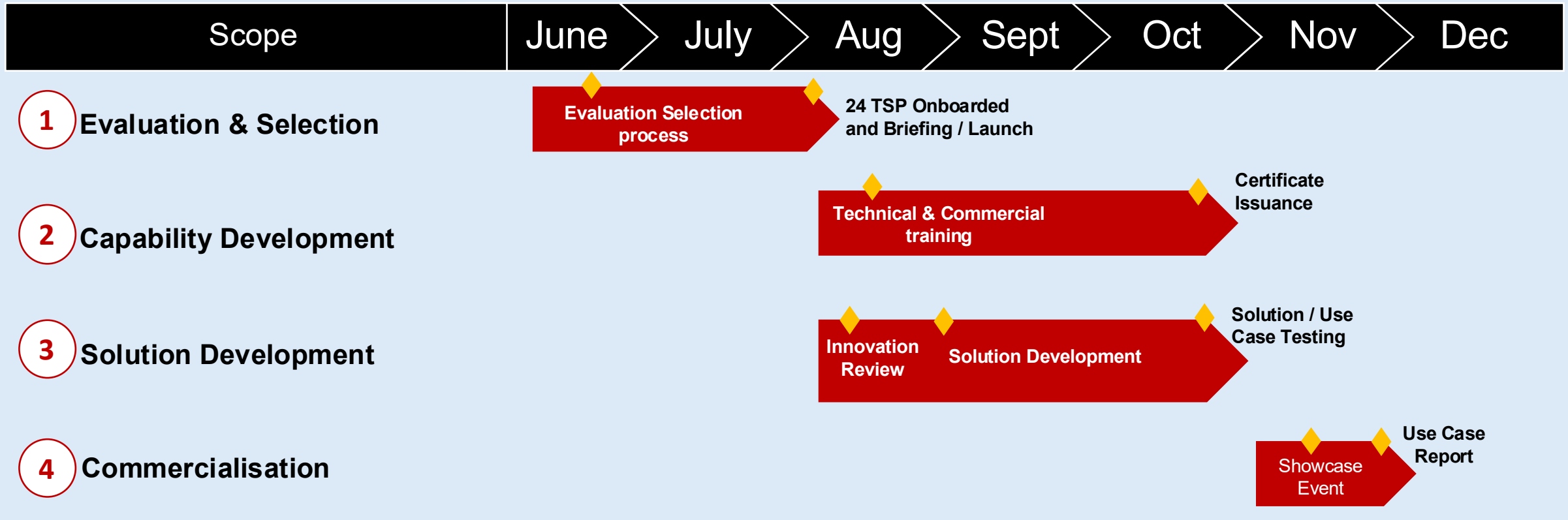


**MDSG-MFG**

Interested Tech Solution Provider (TSP) applying needs to:  
**Commit to undergo all the scopes and deliverables under this grant\***



**Overall Project Timeline 2026** *subject to change*



*\*Note: The sessions are expected to be conducted around Klang Valley*

## MDSG-MFG

Focus Domains are the key business areas where smart manufacturing solutions create value for manufacturers.



Example: Tech Solution Provider (TSP) plans to expand its existing digital solution by developing an AI-powered feature to automatically plan factory tasks by checking machine use, worker shifts, and urgent orders.

### Mapping the Smart Factory: 10 Essential Domains of Manufacturing Excellence

#### MANUFACTURING VALUE CHAIN

**Supplier & Material Intelligence**  
Links supplier and material performance to shop-floor yield, quality, and cost for better sourcing decisions.

**Inbound Material Flow & Raw Inventory Readiness**  
Ensures incoming materials are ready, available, and well-coordinated to prevent shortages and production delays.

**Market Demand Intelligence & Production Alignment**  
Aligns demand, orders, stock, and production plans to prevent shortages, overstock, and missed sales.

**Customer & Product Usage Performance Intelligence**  
Uses complaints, returns, warranty, and product usage feedback to improve quality, reliability, and continuous improvement.

**Finished Goods Inventory & Distribution Performance**  
Improves storage, packing, and dispatch to increase order accuracy, reduce cost, and support faster delivery.

#### MANUFACTURING OPERATIONS

**Operational Efficiency & Production Optimization**  
Improves output, flow, and labor use through data-driven planning and better control of production cost.

**Quality Control & Process Assurance**  
Strengthens quality consistency and compliance by detecting defects, reducing rework, and improving process control across production.

**Predictive Maintenance & Equipment Health**  
Uses equipment condition insights to anticipate failures, reduce downtime, and plan maintenance more effectively.

**Real-Time Production Intelligence**  
Gives live shop-floor visibility to track output, losses, and issues for faster response and better decisions.

**Resource Efficiency & Circular Manufacturing**  
Tracks energy, water, gas, and waste to reduce cost, improve ESG reporting, and recover value from resources.

# 10 Focus Domains

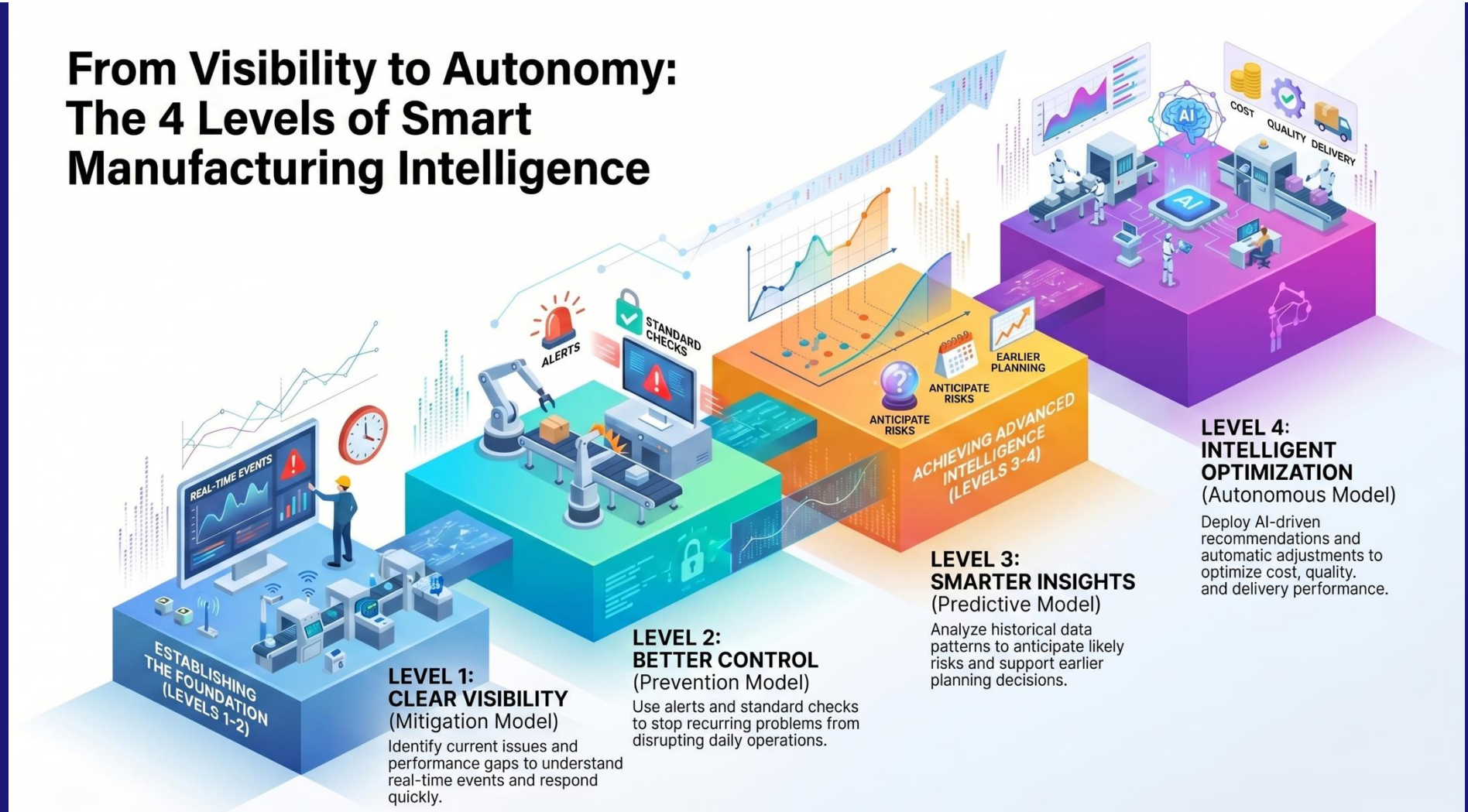
Note: Kindly refer to document in this link [Domain Focus Brief](#) as a guide.

# MDSG-MFG

Intelligence Levels describe **HOW** advanced a solution or capability is – from basic visibility to AI-driven optimization

## From Visibility to Autonomy: The 4 Levels of Smart Manufacturing Intelligence

### 4 Intelligence Levels



Note: Kindly refer to document in this link [Domain Focus Brief](#) as a guide.

# KEY COMPONENTS

MALAYSIA DIGITAL SCALE-UP GRANT - MANUFACTURING

# MDSG-MFG

## SOLUTION DEVELOPMENT

### Whats the ask from TSP?

To develop digital solution / feature / Minimum Viable Product (MVP) aligned with focus domains

### Given Timeline:

3 Months (Expected around Aug until around October 2026)

### Support Given to TSP:



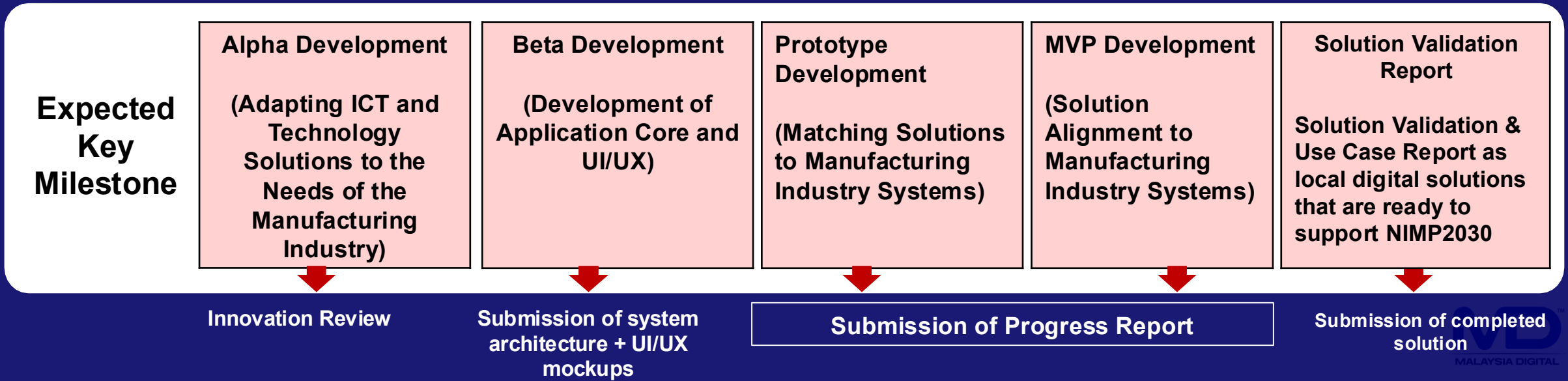
Up to 70% of Solution development cost OR up to RM75,000 (whichever is lower)

Access to a physical sandbox simulating the manufacturing environment



Network of **Subject Matter Experts** That Can Be Accessed

Technical advice & guidance for solution dev & validation



## MDSG-MFG

### Solution Development for the Manufacturing Industry

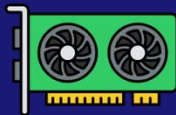
The Grant is intended to cover expenses related to the creation/development of the Solution, which shall be specified in the agreement between MDEC and TSP. **Eligible expenses** shall be the cost directly related to the Project to include, but are not limited to, the following:



Manpower cost for digitally skilled professionals related to the development, design and project management



License fee / subscription fee for servers, cloud services and networking



Cost of IT Hardware and or IT equipment



Cost of Software



Cost of setup/installation of hardware



Testing and certification costs

*Any other eligible expenses directly related to the Solution development, is subject to approval by MDEC.*

**MDSG-MFG**

**CAPABILITY DEVELOPMENT**

**Whats the ask from TSP?**

Each selected TSPs to nominate key person / potential successor within the company to undergo capacity building and peer-to-peer networking (e.g. sharing of best practices, industry insights)



**Technical Track**  
**(2 pax from each TSP)**

Within a maximum of 10 days or lesser  
(targeted between Sept - Oct 2026)



**Management/Commercial Track**  
**(1 pax from each TSP)**

Within a maximum of 5 days or lesser  
(targeted between Sept - Oct 2026)

*Note: The capacity building would be customized according to the profile of the majority of the participants and each participant will be issued certificate upon completion*

# MDSG-MFG

## COMMERCIALISATION (Publicity/Business Development)

### Whats the ask from TSP?

- Consent to be published in NIMP2030 related materials
- Commitment to participate in event (s) supporting the NIMP2030 goals
- TSPs are encouraged to offer free trials / POC for attending the showcase

### Support Given to TSP :



Complimentary booth during the showcase event

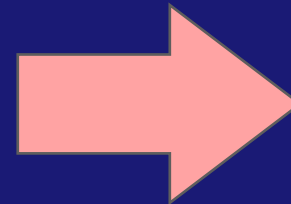


Networking opportunities

### Expected Key Milestone

Targeted Nov 2026

Participation by all TSPs in the Digital Solutions for the Manufacturing Sector Showcase Event



Highlights on how the developed digital solutions are supporting the NIMP2030 goals

Note: TSPs to also provide information on their contribution to NIMP2030 goals from time to time including post programme

# APPLYING TO JOIN

MALAYSIA DIGITAL SCALE-UP GRANT - MANUFACTURING

No.	Criteria
1	<p>The Applicant must be a company:</p> <ul style="list-style-type: none"> <li>i. <b>Incorporated in Malaysia</b> under Companies Act 1965 or the Companies Act 2016;</li> <li>ii. Has a <b>minimum issued share capital of RM50,000.00</b>; and</li> <li>iii. <b>Active and holding a minimum of 51% of shares by Malaysian individuals or companies</b> owned by Malaysians with at least 51% shareholding.</li> </ul>
2	<p><b>In operation for at least one (1) year as at the date of submission of the application.</b></p>
3	<p><b>Not the subject of liquidation/winding up/dissolution order and has no going concern issue*.</b>  <i>If the Applicant has a going concern issue (as reported in its latest audited account), the Applicant must provide a letter of undertaking by its shareholder and/or authorised director (whichever is applicable based on the Applicant's level of authority) confirming that, if the application is approved, the Applicant will perform its obligations under the terms and conditions to be issued by MDEC, and that the said shareholder and/or authorised director will provide financial support to enable the company to meet its obligations and/or liabilities under the terms and conditions.</i></p>
4	<p><b>Directors/shareholders of Applicant to declare and disclose if there is any business relationship / family relationship with any of MDEC's director, Employee or Individual Consultant engaged by PT.</b> In the event where the said MDEC's director/Employee/Individual Consultant has any conflict of interest or perceived conflict of interest, the said MDEC's director/Employee/Individual Consultant shall declare its interest and abstain or withdraw itself (whichever is applicable based on the absolute and sole discretion of MDEC) from the deliberation, approval or voting process relating to the Project. For avoidance of doubt, family relationship means spouse, parent, grandparent, child, including adopted child and stepchild, grandchild, brother, sister, son-in-law, daughter-in-law, brother-in-law, sister-in-law, uncle, aunt, cousin.</p>
5	<p><b>Directors and shareholders of the eligible Applicant must declare whether they are subject to any litigation or legal proceeding</b> (e.g., litigation/legal proceedings relating to criminal offences, offences under any applicable laws, insolvency, or cases related to MDEC).</p>
6	<p><b>The directors and shareholders of the Applicant must not owe any amounts to MDEC</b> due to claw back issues from previous grants.</p>
7	<p><b>Directors and shareholders of the eligible Applicant must declare whether they are blacklisted by Malaysian authorities/enforcement bodies,</b> including but not limited to the Malaysian Anti-Corruption Commission (MACC), Bank Negara Malaysia (BNM), Securities Commission Malaysia (SC), and Malaysia Digital Economy Corporation (MDEC). If any director or shareholder is blacklisted, the Applicant shall be disqualified.</p>
8	<p><b>Applicant with common shareholder(s) is only allowed to submit a single application for participation in this Grant</b> (this requirement is not applicable to venture capital investors and registered market operator e.g.: Equity Crowdfunding Platforms).</p>
9	<p><b>Not a recipient of any grant administered by MDEC, at the time of application.</b></p>
10	<p><b>Applicant must be an MSC Malaysia or Malaysia Digital (MD) status company and must not have any unresolved compliance issue.</b></p>

No.	Document Required
1	Project Proposal Deck/Document using MDEC template.
2	Fully completed application form.
3	MYDATA-SSM (Business or Company Profile), to be obtained from <a href="https://www.mydata-ssm.com.my/">https://www.mydata-ssm.com.my/</a> home Page. <i>Note: Any search report should be dated less than 6 months prior to the date of application to MDEC.</i>
4	Company's financial statements (copies of one (1) year latest audited account).
5	Liquidation/winding up/dissolution search result, to be obtained from <a href="https://e-insolvensi.mdi.gov.my/">https://e-insolvensi.mdi.gov.my/</a> <i>Note: Any search report should be dated less than 6 months prior to the date of application to MDEC.</i>
6	Copy of award(s) and/or recognition(s) received in the past 5 years (if any).
7	Company Profile.
8	If TSP has previously received any grant from MDEC and/or any other ministries or agencies under the Government of Malaysia, to provide proof of project completion (i.e: closure letter from the ministries/agencies). <i>*Limited to 5 years records from the approval of the respective grant.</i>
9	Signed copy of Appendix C of MDEC Integrity Pact Version 2.0
10	MSC Malaysia or Malaysia Digital (MD) status approval letter
11	MDEC reserves the right to request additional information from the TSP at any time.

No.	Additional Document
1	<b>End-user manufacturing customer has agreed to support, test, and/or adopt the proposed project.</b> <b>Examples of acceptable documents are Letter of Intent (LOI) or Purchase Order (PO between the applying TSP and the manufacturing customer.</b>

# New Industrial Master Plan 2030

**MDSG-MFG**

**Scan the QR Code  
&  
Submit Your Application**

Closing Date: 3 June 2026 | 12PM, Noon |



<https://forms.office.com/r/5APMehnbV1>

# THANK YOU

f MyMDEC X mymdec i mymdec g mdec.my

▶ in Malaysia Digital Economy Corporation

Please visit <https://www.mdec.my/mdsg> or scan the QR code below.



Should you have any enquiries with regards to the application, kindly contact MDEC Client Contact Centre at [1-800-88-8338](tel:1-800-88-8338) or [cllc@mdec.com.my](mailto:cllc@mdec.com.my)