

Facilities/Incentives to be covered:

High Value Added & Complex Product Development Programme (HVA)

Research & Development For Business

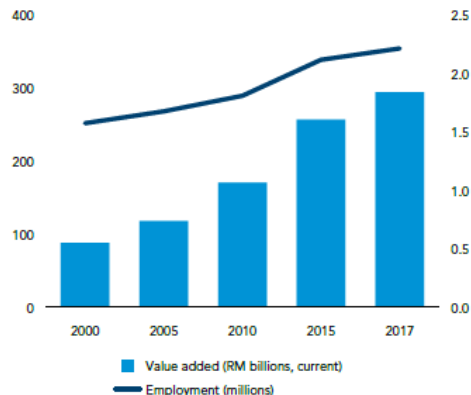
By Ms. Shireen Jasmin Ali
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Industrial Development Division (BPI)
Ministry of International Trade and Industry (MITI)

Overview

Malaysia appears to have prematurely de-industrialised since the early 2000s, mainly due to the increased global competition and the slow progress in moving up the value chain...

Manufacturing value-added and employment have grown in aggregate terms

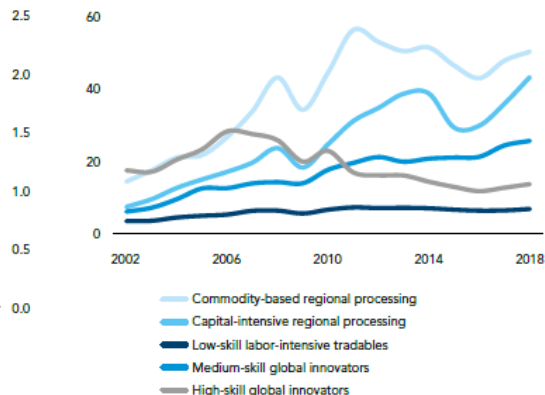
Manufacturing value added and employment, 2000-17



Source: World Bank staff calculations based on DOSM data

Malaysia's exports have grown in all categories, except for high-skill products...

Malaysia's manufactured exports by category, US\$ billion



Source: World Bank staff calculations based on Comtrade data

Challenges

Unsustainable manufacturing growth due to high dependency on foreign inputs



Lack of coordination and monitoring of manufacturing ecosystem development

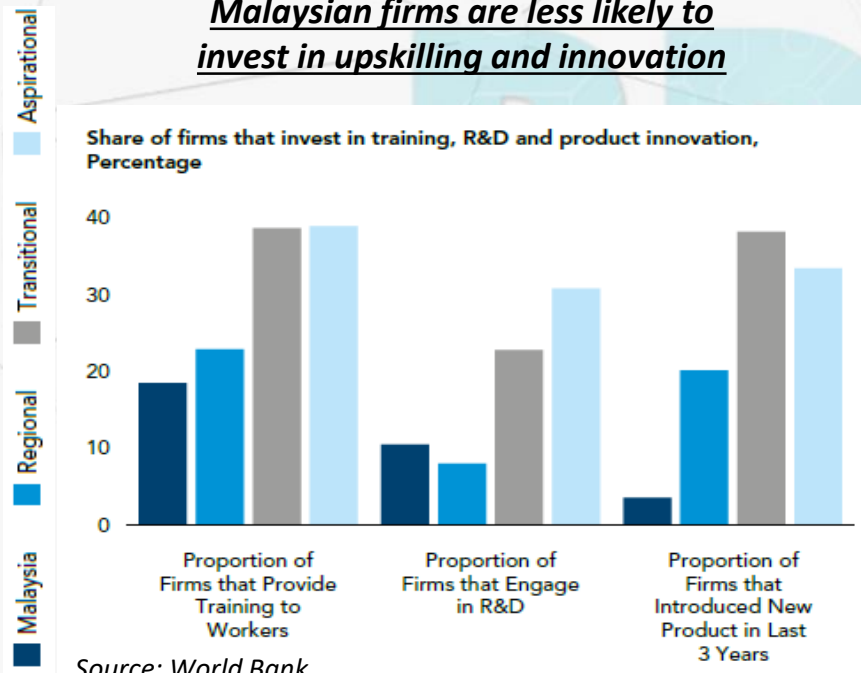


Lack of effective technology and innovation adoption and development mechanism

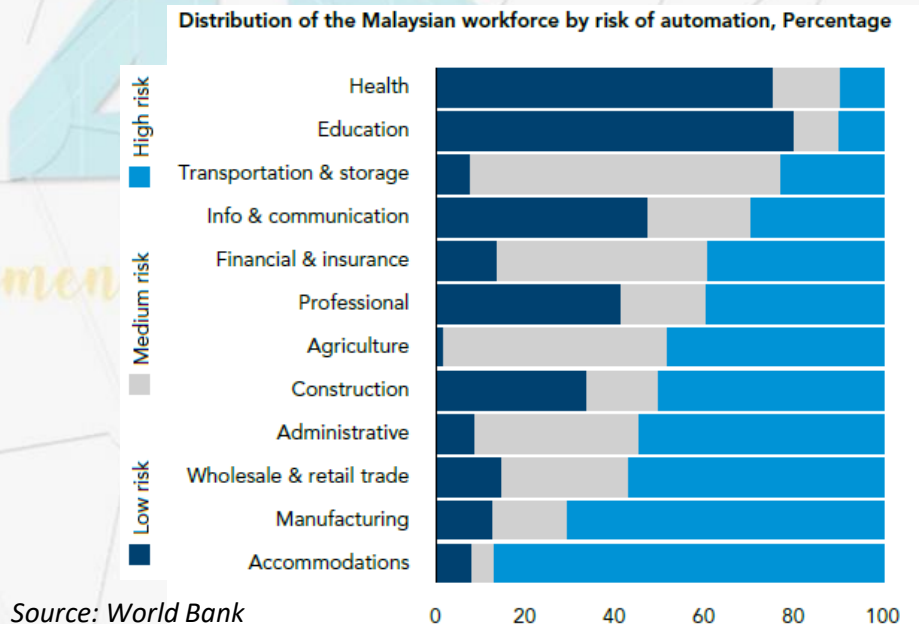


Changes in the nature of work and automatization of global work process will require high skilled talent in the manufacturing sector

Malaysian firms are less likely to invest in upskilling and innovation

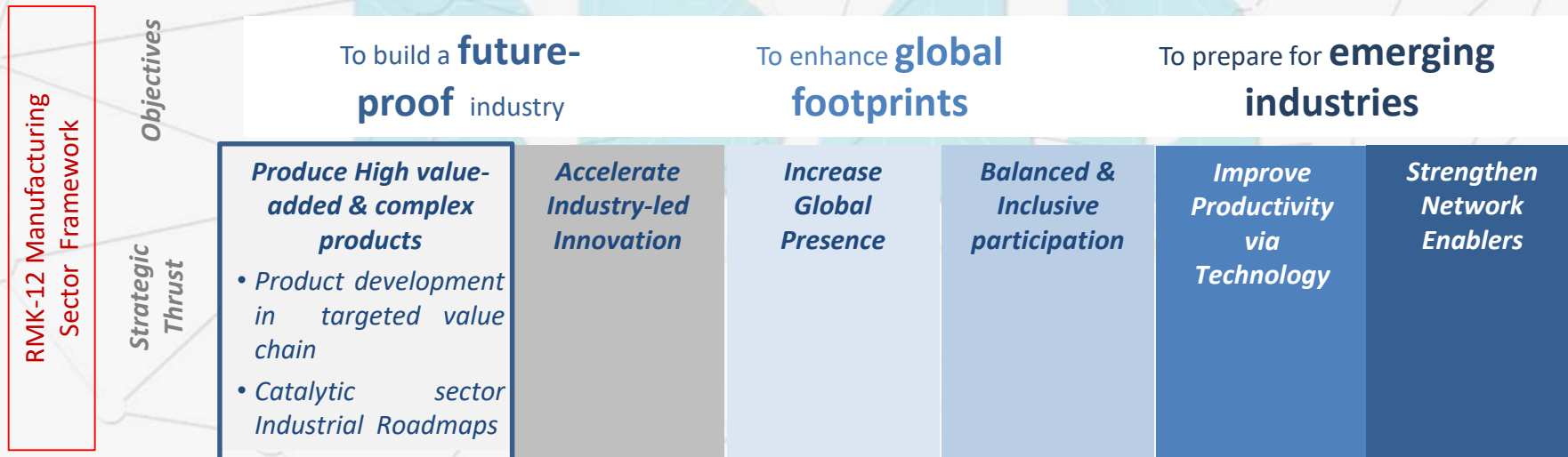


Manufacturing Sector is at risk of major automation



Development of High Value Added Products – A National Agenda

11th Malaysia Plan focused on nurturing new growth area and scaling up catalytic subsectors. This scope includes Electrical & Electronics, Machinery & Equipment and Chemical & Petrochemical industries. It is non-exhaustive to other industries. The scope is then further extended under the 12th Malaysia Plan



High Value Added and Complex Product Development Programme aims to improve the capabilities and competencies of manufacturing sector in developing high value-added and complex products

HVA Components

1

High Value-added & Complex Product Development Programme (PDP)

Objective

To enable the development of high value-added and complex product

Description

The programme is a form of financial support to enable the development of high value-added and complex product

Activities

- Awareness programme, industry intelligence, research, competency development, technology acquisition, accreditation, certification and testing of high value-added & complex product with industry through recognised:-
 - ✓ Research Institutions (RI)
 - ✓ Institute of higher learnings/Research Universities (IHLs/RU)
 - ✓ Industry (via JV with RI/IHL/RU)

Support type

- Grant
- Matching Grant

2

Market Development Programme (MDP)

To bridge the gap for industry to produce high value-added and complex product

The programme is a form of financial support to scale up and enable the industry to produce high value-added and complex product

- Productivity improvement, capacity building, licensing, standards & certification compliance and promotional activities not exceeding RM950,000 per company paid direct to recognised:-
 - ✓ Service providers approved by MITI
 - ✓ Institutions approved by MITI
- Infrastructure upgrade or purchase of equipment are via soft loan to companies

- Grant
- Matching Grant
- Soft Loan (purchase of equipment)

Outcome

To improve manufacturing industry capabilities to produce high value-added and complex products via research, talent development, standards development and technology acquisition.



*Increase in
Revenue*



*Create new
sources of growth
- Development of
Vendors*



*Improve industry
competency –
Reduce Man
Hours*



*Reduction of
process time
cycle*

To contribute towards achieving Economic Empowerment Agenda under RMK12

IMPACT

- Create an efficient and competent supply chain*
- Increase value-added to manufacturing industry*
- Create reliable support system for vendor-supply chain development*

Eligible Sub-Sectors



Metal Industry



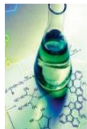
Electrical & Electronic
Industry/ ICT Industry



Machinery &
Equipment Industry



Transport Industry



Chemicals &
Petrochemical Industry



Pharmaceutical
Industry



Medical Devices
Industry



Food Processing



Oil Palm-Based
Industry



Rubber Product
Industry



Textiles & Apparel
Industry



Wood based Industry



Remanufacturing

Process Flow

Lead Ministry



Monitoring Agency



RMK-12 Lead



*Pre-Project
Stage
(1 -3 Months)*

Application
Submission



Document
Checking &
Vetting



Pitching Session
• Invitation
• Evaluation



Approval by MITI
and Inform
Decision to MIDF



*On-Going
Project Stage
(12 - 18
Months)*

Regular
Monitoring
and Report
Submission



Disbursement of
Funds



Acceptance of
Offer



Issuance of Offer
Letter to Project
Lead



*Post-Project
Stage
(1 - 2 Months)*

Completion of Project
and Submission of
Final Report




Outcome of project to
be identified and
submitted to EPU



Propose for
commercialization
(MDP), if eligible

Application Form (1/2)

Product Development Program Application Form



MINISTRY OF INTERNATIONAL TRADE AND INDUSTRY

RMK-11: HIGH VALUE ADDED AND COMPLEX PROGRAMME

PRODUCT DEVELOPMENT PROGRAMME (PDP)
YEAR: _____

DOCUMENTS/INFORMATION FOR SUBMISSION

Please send us the following documents:

- List of Industry Take(s)
- List of Potential Partner(s)
- Quotation/ Pro-forma Invoice/ Invoice/ Purchase Contract/ Catalogue for items to be financed

APPLICANT DETAILS

a. Name of R/ Research Institution	
b. Person in-charge	
c. NRIC No.	
d. Designation	
e. Registered Address	
f. Tel. No.	
g. M/P No.	
h. Fax No.	
i. Email	

PROJECT DETAILS	
Title	
Project Description	
Type of Financing	Grant/ Matching Grant/ Soft Loan
Total Cost of Programme in 2018	RM (Ringgit Malaysia: _____)
Expected Output on these following aspects: (Please elaborate)	a. Industry b. Development of New Technology c. Impact Towards Mass Community

KEY ACTIVITIES		
No.	Tasks	Duration of Tasks

DELIVERABLES FOR YEAR: _____		
No.	Activities	Deliverables


FUNDING PROVISIONS			
No.	Activities	Amount (RM)	Month of Disbursement

Forms can be downloaded from:

<https://www.miti.gov.my/index.php/pages/view/4761>

Application Form (2/2)

Market Development Program Application Form



MINISTRY OF INTERNATIONAL TRADE AND INDUSTRY

HRK-11: HIGH VALUE ADDED AND COMPLEX PROGRAMME

BAHAGI (DEVELOPMENT) PROGRAMME (DP)

TAAR: _____

A. Company Name:
B. Product Name:
C. Description:

Please send us the following documents:

- List of Industry Targets
- List of Potential Partners
- Questionnaire/Invoice/Order/Purchase Contract/ Catalogue for items to be imported

APPLICANT INFORMATION

1. Company Information

Item	Service Provider	Cost	Special Claim (only for product)	Comment	Remarks
1.	SP-1 Address: Contact Person: Contact Details:				
2.					
3.					

2. Industry Information

Item	Service Provider	Cost	Special Claim (only for product)	Comment	Remarks
1.	SP-1 Address: Contact Person: Contact Details:				
2.					
3.					

3. Accredited/Certified/Approved Vendor

Item	Service Provider	Cost	Special Claim (only for product)	Comment	Remarks
1.	SP-1 Address: Contact Person: Contact Details:				
2.					
3.					

4. Industry Information

Item	Service Provider	Cost	Special Claim (only for product)	Comment	Remarks
1.	SP-1 Address: Contact Person: Contact Details:				
2.					
3.					

5. Approved Importation

Item	Service Provider	Cost	Special Claim (only for product)	Comment	Remarks
1.	SP-1 Address: Contact Person: Contact Details:				
2.					
3.					

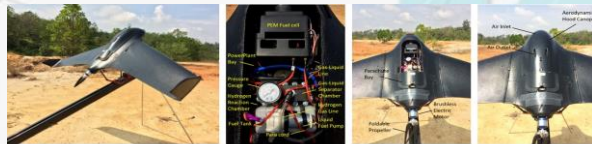
*Kindly submit the form and supporting documents to aplikasi@miti.gov.my

Forms can be downloaded from:

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For Business

Development of Fuel Cell with Onboard Hydrogen Generation by Pulsar UAV Sdn. Bhd.



Completed product (UAV powered by fuel cell with onboard hydrogen generation test run)



Product integration with GPS-guided automated fertilizer dispenser backpack for IoT agriculture application

Development of Linen Management Solution by MDT Innovations

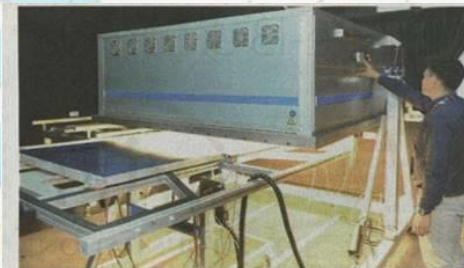
Soiled Linen Process



Clean Linen Process



Solar PV Testing Lab



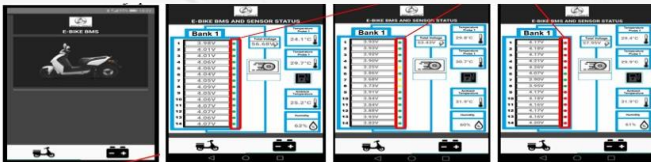
PERALATAN Steady-state solar simulator antara alat ujian yang disediakan di fasiliti pengujian modul Fotovoltan SIRIM QAS International di Seksyen 16, Shah Alam.

SIRIM QAS International
lancar fasiliti pengujian

KUALA LUMPUR 23 Nov. - SIRIM QAS International, anak syarikat namun kini boleh melakukan ujian di Malaysia dengan kos lebih

Development of Battery Monitoring System by Eclimo

Application Interface
for Battery
Monitoring System
Eclimo Electric
Scooter



NanoMalaysia
Smart Home at
NICE 2017 Expo

Demonstrator set of Economy class aircraft seating
using high tech materials to reduce weight of product



Contact Details:

HVA Secretariat

Industrial Development Division, MITI

Email : allrmk11hva@miti.gov.my

For more information, kindly visit

<https://www.miti.gov.my/index.php/pages/view/4761>



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INTERNATIONAL TRADE AND INDUSTRY

MIDA

RD4B

THANK YOU

Research & Development For Business