



MALAYSIA PRODUCTIVITY CORPORATION

**DRIVING PRODUCTIVITY
OF THE NATION**

**E&E TECHNOLOGY ADOPTION MENTORING (EETAM)
MENTORING MODULES 5 AND 6**

6th November 2020

Reviewed and approved

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Electrical and Electronics Productivity Nexus
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Malaysia Productivity Corporation

EETAM Mentoring Module 5 and 6

14.0 Implementation Blueprint & Roadmap (sample)



ELECTRICAL & ELECTRONICS PRODUCTIVITY NEXUS (EEPAN)
E&E TECHNOLOGY ADOPTION MENTORING (EETAM)

14.0 IMPLEMENTATION BLUEPRINT & ROADMAP

INTRODUCTION

This 14.0 implementation blueprint and roadmap document is part of EEPAN's E&E Technology Adoption Mentoring (EETAM) program. The EETAM is a free mentorship program, consisting of 6 training modules which takes up to 5 hours.

It targets mainly SMEs which want to start their Industry 4.0 journey, and which are considering embarking on the Industry4WRD Readiness Assessment exercise. The key objective is to allow the SMEs to better preparation for their RA to ensure higher scorings. Upon completion of EETAM mentoring, the companies would be able to formulate their 14.0 Implementation Blueprint and Roadmap. Following which, the companies can decide to either proceed to apply for RA, or to undertake other productivity improvement programs e.g. lean manufacturing, Kaizen, ERP systems etc.

SECTION 1.0: GENERAL INFORMATION

Company Information	
Name of Company	:
SSM Registration No	:
State	:
Applicant Information	
Name of Company Representative	:
Job Position	:
Contact No.	:
email	:
EETAM Information	
Name of EETAM mentor	:
Organization	:
Date of Document	:

SECTION 2.0: IMPLEMENTATION BLUEPRINT

This EETAM implementation blueprint and roadmap document is based on the Readiness Assessment model. The readiness criteria model consists of three shift factors. Each shift factor is then divided into thrusts, and each thrust is subsequently divided into dimensions.

2.1 PEOPLE

The PEOPLE shift factor focuses on the people and the entire organization by emphasizing on strategies towards having a suitable set of workforce. This can be achieved through the development of the required human capital and sustainable transformation activities with regards to organizational strategies, collaboration and governance.

Shift Factor	Thrusts	Action Items
People	Transformation Initiative (Leadership, Collaboration Structure and Governance and 14.0 Strategy)	• ... • ... • ...
	Human Capital Development (Personnel 14.0 Competency and Top Management Technology Savvyness)	• ... • ...

2.2 PROCESS

The PEOPLE shift factor focuses on the management system involved in running business operations, supply chain and product lifecycle, by emphasizing on smart and strategic public-private partnerships, security, sustainability and product co-creation

Shift Factor	Thrusts	Action Items
Process	Operations Management (Production, Technology and Performance Management)	• ... • ... • ...
	Product Management (Product lifecycle Management and Product Individualisation)	• ... • ...
	Supply Chain Management (Horizontal Integration and Cyber-Security)	• ... • ...

2.3 TECHNOLOGY

The TECHNOLOGY shift factor focuses on the application of intelligent, connected and automated technologies, measured at three different layers of the business: shop floor, facilities and enterprise.



Shift Factor	Thrusts	Action Items
Technology	Asset Automation (Shop floor, Facilities and Enterprise Automation)	• ... • ... • ...
	Asset Intelligence (Shop floor, Facilities and Enterprise Intelligence)	• ... • ... • ...
	Asset Connectivity (Shop floor, Facilities and Enterprise Connectivity)	• ... • ... • ...

SECTION 3: IMPLEMENTATION ROADMAP

3.1 ROADMAP

The roadmap is broken down by timeline and budget, over three phases i.e. short-term, medium-term and long-term, depending on their priorities, importance and ease of implementation. Strategic action plans and budget allocations, for each of the three shift factors, will be mapped-out based on their priorities.

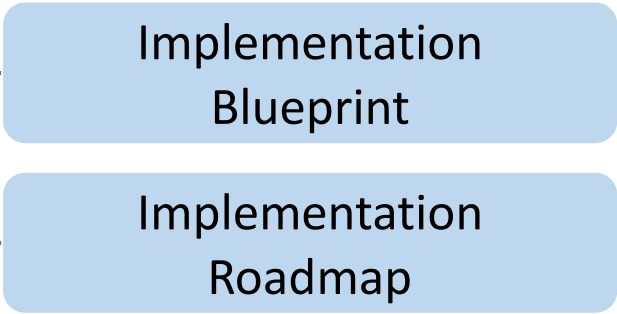
Shift Factor	Short Term (1-2 years)	Mid Term (3-5 years)	Long Term (> 5 years)
People	• ... • ... Estimated Budget =	• ... • ... Estimated Budget =	• ... • ... Estimated Budget =
Process	• ... • ... Estimated Budget =	• ... • ... Estimated Budget =	• ... • ... Estimated Budget =
Technology	• ... • ... Estimated Budget =	• ... • ... Estimated Budget =	• ... • ... Estimated Budget =

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Mentor walks through the actual document with Company



Shift Factor	Short Term (1~2 years)	Mid Term (3~5 years)	Long Term (> 5 years)
People	• ...	• ...	• ...
Process	• ...	• ...	• ...
Technology	• ...	• ...	• ...

Shift Factor	Thrusts	Action Items
People	Transformation Initiative	
	Human Capital Development	

Shift Factor	Thrusts	Action Items
Process	Operations Management	
	Product Management	
	Supply Chain Management	

Shift Factor	Thrusts	Action Items
Technology	Asset Automation (Vertical Integration)	
	Asset Intelligence	
	Asset Connectivity	

Mentoring Session

- Work with EEMI4.0 Secretariat to schedule mentoring session
- Conduct actual mentoring session with Company



Submission of Reports

1. Review submission on I4.0 implementation blueprint and roadmap
2. Prepare and submit mentoring report and recommendation



Thank You



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