

EXECUTIVE SUMMARY

TITLE	: Enhancing Capabilities of Machine and Equipment Manufacturers Towards Smart Machinery
PROPOSED DATE AND VENUE	: May – August 2021
OBJECTIVES	: <ul style="list-style-type: none">• To establish guideline of smart machinery toward Industry 4.0• To assist 20 companies to apply smart machinery through capacity building and equipment installation.• To develop and establish Proof of Concept (PoC) project which includes data acquisition, remote monitoring capability• To train and upskill workforce in the area of digitisation.
OVERALL OUTPUT	: <ul style="list-style-type: none">• 20 Proof-of-Concept (POC) projects,• Program Evaluation Report .• 40 employees trained and upskilled• 1 Smart Machinery Guideline
BUDGET/COST	: MPB-M&E : RM36,700.00 APO : RM48,000.00 TOTAL BUDGET: RM84,700.00
DEPARTMENT	: Machinery and Equipment Productivity Nexus (MEPN)
COMMENTS/ SIGNATURE OF ACCOUNTANT	:
COMMENTS/SIGNATURE OF PCT SENIOR MANAGER	:

6.0 Overall Implementation Timeline

The overall project duration is from April to October 2021.

Item	Activities	May	Jun	July	Aug	Sep	Oct	Nov
1.	Selection of Companies							
2.	Awareness and Capacity Building							
3.	Proof of Concept							
4.	Project Showcase							
5.	Assessment and Report							

7.0 Cost (May- August 2021)

The cost of the project is **RM84,700.00** as shown in the table below:

No.	Item	Cost/ Unit	Pax	Quantity	Total (RM)
1.	Webinar Speaker	RM300/hour	2	2 hours	1,200
2	Program Brochure	RM600	-	1	600
3.	Industry Experts (Module Development)	RM400/hour	10	4 hours	16,000
4.	Module and Guideline for Smart Machinery	RM200/page	1	50 pages	10,000
5.	Half-day Workshop Package	RM180/pax	15	2 days	5,400
6.	Project Facilitator	RM250/hour	1	14 hours	3,500
Sub Total					36,700.00
	Item (APO Allocation)				
1.	System Development Package including Consultancy and Training	RM2,400	20	1	48,000
Sub Total					48,000.00
Total (RM)					84,700.00

8.0 Participants Terms and Conditions

- Companies must assess digitisation readiness through Online Digital Self-Diagnose tool
- Local Manufacturing companies
- Companies must attend training and develop the proof-of-concept (POC)s within 3 months' time.
- Companies must share PoC project via sharing platform provided by the MEPN.