

EXECUTIVE SUMMARY

TITLE	:	Productivity Improvement Programme Through Digitalisation - MyReskill IoT Programme
OBJECTIVES	:	<p>a) The objectives of MyReskill IoT Programme are:</p> <ul style="list-style-type: none"> i. To assist companies in the adoption of Industry 4.0 among the local industries. ii. To train the Industry IoT knowledge and skill set for the non-coding workforce so that they can remain relevant in the job market. iii. To support, coach, prepare and enable participants to carry out Industrial Internet of Things (IoT) project within their companies.
EXPECTED DELIVERABLES	:	<ul style="list-style-type: none"> i. Assisted 3,364 companies in Manufacturing, Services and Agriculture Sectors ii. Prepared and enable 6,728 participants to carry out IoT project within their companies.
PROPOSED PROJECT TIMELINE	:	September 2021- July 2022
ALLOCATION	:	<p>Kumpulan Wang Amanah COVID-19 (KWC-19) RM 6,055,200.00</p> <ul style="list-style-type: none"> a) 2021 – RM 2,014,200.00 b) 2022 – RM 4,041,000.00
Comments/ Signature by PCT	:	
Comments/Signature of Accountant	:	

MALAYSIA PRODUCTIVITY CORPORATION (MPC) PROPOSAL
FOR BOARD OF MANAGEMENT

1.0 Purpose

To seek approval from MPC Board of Management (BOM) on the budget for Productivity Improvement Programme Through Digitalisation - MyReskill IoT Programme.

2.0 Background

The 11th Malaysia Plan outlines that boosting the productivity of the nation is part of its primary goals. Accelerating human capital development is one of the productivity and innovation strategies under the plan. It is achievable by raising the number of high-skilled and knowledge workers and adopting advanced technology and automation in operation. It is anticipated that the agenda of human capital development will remain in the 12th Malaysia Plan based on the 2021 budget allocation for people empowerment under Kumpulan Wang Amanah COVID-19 (KWC-19).

Economists have emphasised that developing human capital should embed labour market reform to increase the number of competent and skilled workers to support economic growth by:

- i. generating high-value jobs,
- ii. raising salaries and wages,
- iii. enhancing the management of foreign workers,
- iv. improving labour market conditions.

Therefore, high-quality investment is vital to enable the creation of skilled jobs with higher salaries and wages. Under Budget 2021, the government has allocated RM35 billion through KWC-19 economic stimulus package for people empowerment, propelling businesses and stimulating the economy. This intervention is timely because the pandemic situation has resulted in many workers at risk of losing their jobs. Many workers struggle to acquire the necessary skills to remain relevant in this constantly evolving labour market.

To prevent workers from being left behind, both businesses and governments must collaborate to equip workers with the skills they need to adapt to the post-pandemic world of work. The past years have seen an apparent acceleration in adopting new technologies among the companies and industries. These new technologies drive future growth across industries and increase the demand for new job roles and skillsets.

In mitigating these gaps, MPC has designed a programme namely MyReskill IoT to assist companies and upskills their employees in Industry IoT. The program has adopted the IIoT Plugfest framework and modules which proven successful in assisting more than 100 companies since 2018.

3.0 Objectives

The objectives of MyReskill IoT Programme are:

- i. To assist companies in the adoption of Industry 4.0 among the local industries.
- ii. To train the Industry IoT knowledge and skill set for the non-coding workforce so that they can remain relevant in the job market.
- iii. To support, coach, prepare and enable participants to carry out IoT project within their companies.

4.0 Expected Deliverables

- i. Assisted 3,364 companies in Manufacturing, Services and Agriculture Sectors
- ii. Prepared and enable 6,728 participants to carry out IoT project within their companies.

5.0 Proposed Timeline

MyReskill IoT Programme (Sept 2021 – July 2022)

My Reskill IOT Proposed Schedule/Activity	2021				2022						
	Sep	Oct	Nov	Dec	Jan	Feb	Mac	April	May	June	July
Develop and prepare MyReskill IOT Program <ul style="list-style-type: none"> Preparation of <i>Surat Pekeliling Ketua Pengarah MPC Bil. 2/2021</i> E.g.: training module, starter kits, promotional activities and etc. 											
Participants Management <ul style="list-style-type: none"> Participants' enrollment & registrations 											
Conduct Training <ul style="list-style-type: none"> Five (5) half-day My Reskill workshop + 1 week handholding in developing PoC PoCs Follow-up 											

	Group 1 = 373 companies
	Group 2 = 373 companies
	Group 3 = 373 companies
	Group 4 = 373 companies
	Group 5 = 372 companies
	Group 6 = 300 companies
	Group 7 = 300 companies
	Group 8 = 300 companies
	Group 9 = 300 companies
	Group 10 = 300 companies

Note:

- 1) Training will be conducted in 10 batches or groups (within the timeline)
- 2) Training will be conducted fully online (min 2 reps each company)
- 3) Participating companies must complete their Proof-of-Concepts (POCs) projects after attended training

5.0 Estimated Cost

The total estimated cost to conduct this project is as follows:

MyReskill IoT Programme

Region	Target no. of companies	Cost per company (RM)	Total costs (RM)
Northern	900	1,800	1,620,000

Region	Target no. of companies	Cost per company (RM)	Total costs (RM)
Central	900		1,620,000
Southern	600		1,080,000
East Coast	364		655,200
East Malaysia	600		1,080,000
Sub/total	3,364		6,055,200

Estimation Cost by 2021 and 2022

a. 2021 – RM 2,014,200.00

b. 2022 – RM 4,041,000.00

Total – RM 6,055,200.00

6.0 Approval From BOM

The consideration and approval of the Board of Management (BOM) is sought with the total estimated cost of RM 6,055,200 utilising the Kumpulan Wang Amanah COVID-19 (KWC-19) budget.

Prepared by:



Nazahiah Mohamad
Manager

Date: 19/9/2021

Reviewed by:



Dr. Mazlina Shafii
Deputy Director

Date: 19/9/2021

Supported by:



Dr. Mohamad Norjayadi Tamam
Director

Date: 19/9/2021