

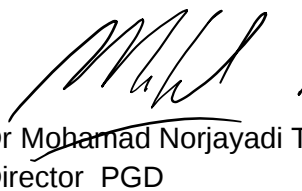
**KERTAS CADANGAN UNTUK PERTIMBANGAN
LEMBAGA PENGURUSAN MPC (BOM)**

TAJUK Keterangan: Tajuk Projek/ Cadangan	SMART AGRO-FOOD HACKATHON (SIRI 1 - 3)
TARIKH/ GARIS MASA Keterangan: jadual mula dan akhir pelaksanaan projek/ cadangan	January – April 2022 (Please Refer Appendix 1)
TUJUAN & LATAR BELAKANG Keterangan: tujuan dan penerangan ringkas mengenai projek	As land for agriculture becomes increasingly scarce, technology adoption has been the key driver to boosting agro-food yield and profitability around the world. The development of tailored technologies which are suitable and cost efficient such as digital tools from drones, robotics, remote sensing, and cloud-based farm management systems under precision farming is very important. Thus, the smart agro-food hackathon a virtual competition programme is organize to give opportunity to higher learning institution (HLI) students to create affordable technology solution based on real industry issues. The first hackathon was held in December 2021 with a total of 5 groups from various HLI has participated in the programme and developed an affordable technology solution that can be adopt by the industry players. Therefore in 2022, AFDN will continue to organise series of Smart Agro-food Hackathon throughout the year to create affordable technology solutions for the industry players. Objectives: - To promote smart farming technologies to agro-food subsector - To develop affordable technology solutions for agro-food businesses to stay competitive - To give opportunities to students to bring affordable inventions to SMEs.
KAEDAH PELAKSANAAN Keterangan: kaedah yang perlu dilakukan bagi melaksanakan projek	Briefing, development of project, and pitching session will be conducted virtually.
STAKEHOLDERS/ PIHAK BERKEPENTINGAN Keterangan: pihak atau kumpulan yang menerima kesan positif mahupun negatif daripada projek yang dijalankan	- Ministry & Agency - High Learning Institution - Industry association - Agro-food businesses
JANGKAAN HASIL/ OUTCOME Keterangan: apa yang MPC perlu capai/ faedah-faedah jangka pendek	- Increase the adoption of technology digital at farm; - Increase of farmers productivity and produce quality yield; and

dan jangka panjang hasil dari intervensi projek/ cadangan	Ensuring the agro-food businesses to stay competitive and relevant
JANGKAAN OUTPUT Keterangan: output ketara dan tidak ketara yang dihasilkan daripada aktiviti projek/ cadangan.	Solution and innovation projects by the participating teams
KUMPULAN SASAR Keterangan: individu/ kumpulan yang menerima faedah daripada projek/ cadangan	- Agro-food businesses - High Learning Institution students
SUMBER BAJET/ KOS Keterangan: sumber bajet / jumlah kos yang terlibat.	MPB-AFPN : RM106,950.00 (Please Refer Appendix 1)
HASIL (RM) - SEKIRANYA ADA Keterangan: pendapatan yang diterima daripada projek	-
SYOR Keterangan: permohonan yang diperlukan daripada Lembaga Pengurusan MPC	The consideration and approval from the Board of Management (BOM) is sought to conduct Smart Agro-Food Hackathon with the total estimated cost of RM106,950.00 using the MPB-AFPN budget.
UNIT/ BAHAGIAN	Agro-Food Productivity Nexus (AFPN)

****Sila lampirkan maklumat-maklumat lain yang berkaitan sekiranya perlu.**

(Contoh: Agenda program, pelan risiko, gambar rajah, lakaran pelan, senarai nama, dll.)

DISOKONG OLEH: NAMA PEGAWAI PENJAGA BAJET Jawatan: Nama Bajet: Tarikh: **Hanya untuk permohonan yang menggunakan Bajet Pembangunan dari Unit/Bahagian lain. Kolum ini boleh diabaikan sekiranya tidak berkaitan.		
DISEDIAKAN OLEH:  Nur Fatimah Mohd Zaki Project Manager AFPN Tarikh: 12/1/2021	DISEMAK OLEH:  Dr. Halimahton Saadiah Let Deputy Director Date: 14/1/2021	DISAHKAN OLEH:  Dr Mohamad Norjayadi Tamam Director PGD Date: 17/1/2021

1. Implementation project timeline

Activities	January			February				March				April			
1. Brainstorming with AFPN working group															
2. Identifying university / partners															
3. University / Partners engagement															
4. Discussion and planning of hackathon															
5. Administrative and procurement work															
6. Event promotion															
7. Registration of participants															
8. Briefing and kick off session															
9. Project development															
10. Judges engagement															
11. Pitching and award ceremony session															

***Notes:**

- i. The hackathon will be organized in 3 days starting from briefing and kick off session, project development and finally pitching and award ceremony session.
- ii. The tentative date for the 3 series are as follows:
 - # 1 - 25 to 27 February 2022
 - # 2 - 25 to 27 March 2022
 - # 3 - 22 to 24 April 2022

2. Estimated total cost (January – April 2022)

MPB-AFPN Budget

Items	Cost per unit	Total Cost (RM)
Prizes		
• Champion	RM4,000 x 1 group x 3 session	12,000.00
• 1 st runner up	RM3,000 x 1 group x 3 session	9,000.00
• 2 nd runner up	RM2,000 x 1 group x 3 session	6,000.00
• 3 consolations	RM1,000 x 1 group x 3 session	3,000.00
Promotion item		
• Brochure / e-Poster	RM500/unit x 3 unit	1,500.00
• Writer: press release	RM1,000 x 3 release	3,000.00
• Mock cheque (if hybrid)	RM500/unit x 3 unit	1,500.00
• Participant's kit	RM30 x 50 pax x 3 session	4,500.00
• Food Voucher	RM15 x 50 pax x 3 session	2,250.00
Judges	RM350/hour x 4 pax x 3 session	4,200.00
Starter kit	RM2,000 x 10 team x 3 session	60,000.00
TOTAL (MPB-AFPN)		106,950.00