

MESSAGE FROM DIRECTOR GENERAL OF PUBLIC WORKS DEPARTMENT MALAYSIA

بسمالله الرحمز الرحيم السلام عليكم ورحمة الله وبركاتا

Ladies and Gentlemen.

BUILDING INFORMATION MODELLING (BIM) is one of the main methodologies which form the digital construction industry landscape particularly in facing the era of Industrial Revolution 4.0. Application of BIM can increase dynamic productivity and effectiveness in the construction project and facility management delivery system. Since its introduction

in Jabatan Kerja Raya (JKR) Malaysia in 2007, BIM has been widely implemented with multi-disciplinary involvement in JKR. BIM has been effectively implemented in government projects in RMK-10, RMK-11 and RMK-12.

The 4th JKR BIM Day 2021 will be held virtually for the first time as a joint collaboration between JKR Malaysia and Pertubuhan Profesional JKR Malaysia (ProJKRM). This programme is one of the continual efforts by JKR to bring awareness to JKR officers, clients, consultants, contractors, academicians and other stakeholders regarding BIM implementation in Malaysia and its way forward. This programme will continue to be the main platform to disseminate information, knowledge and comprehension regarding BIM implementation throughout projects' life cycle and asset management.

This programme is hoped to increase awareness and readiness to implement BIM among stakeholders and industry players. The 4th JKR BIM Day will form a holistic cooperation which links the government, industry players and academician in strengthening and broadening BIM implementation in the national construction industry.

DIRECTOR GENERAL
PUBLIC WORKS DEPARTMENT MALAYSIA

PROGRAMME OBJECTIVES Enhance knowledge and understanding on the application of BIM and its benefits Improve competency in human capital in the field of BIM **Networking** opportunities for stakeholders **Sharing** ideas on the expansion and use of BIM by integrating with IR 4.0.





ITINERARY DAY

26th October 2021 (Tuesday)



0800 - 0845 Registration (Web Login)

0845 - 0900 Malaysia National Anthem "NEGARAKU" Recitation of Doa

0900 - 0920 WELCOMING REMARKS

YBrs. Ir. Dr. Lim Char Ching Senior Director Civil and Structure Engineering Branch PWD Malavsia

0920 - 1000 OPENING SPEECH

YB. Dato' Sri Haji Fadillah bin Haji Yusof (Senior Minister) Minister of Works

1000 - 1015 LAUNCH OF JKR BIM DOCUMENTS

By YB. (Senior Minister) Minister of Works

EXHIBITION BOOTH VIRTUAL TOUR

With YB. (Senior Minister) Minister of Works

1015 - 1030 Program Break

1030-1100 **KEYNOTE ADDRESS 1**

YBhq. Dato' Ir. Haji Mohamad Zulkefly bin Sulaiman

Director General of PWD Malaysia

Program Break 1100 - 1115

Parallel Sessions 1115- 1700

Knowledge Arena | Project Showcase

KNOWLEDGE ARENA

1115 - 1200 BIM Initiatives in JKR

Ir. Ts. Mohd Faiz Shapiai | Public Works Department Malaysia

1200 - 1245 BIM Technology Update

Abi Sarwan Mazran Ibrahim L3D Tech Group

1245 - 1400 Program Break

1400 - 1445 Engineers' Competencies in Advanced Technology in IR4.0 Era

> Ir. Dr. Megat Zuhairy Megat Tajuddin l Board of Engineers Malaysia

1445 - 1530 BIM: A Value-Based Cost-Benefits Analysis of BIM Implementation in The Government **Project: A Case Study**

Dr. Afifuddin Husairi Hussain Universiti Kebangsaan Malaysia

1530 - 1615 The Role of H-BIM in Tackling Climate Change Issues and To Develop Green H-BIM Framework for Historic Building **Conservation Sustainability**

Saiful Fazli Ramli | Public Works Department Malaysia

1615 - 1700 A Construction 4.0-Related Initiative: Integration of BIM and IBS Score

Ir. Shahrul Nizar Shaari Innovacia Sdn. Bhd.

PROJECT SHOWCASE

1115 - 1200 Digesting Inputs into Concepts: **Proposed New Mother & Child Building** (MCH) and Upgrading of Existing **Outpatient Block for Hiliran Health Clinic** Project

Svamil Musaddia Mohd Ashhar | Public Works Department Malaysia

1200 – 1245 Jerantut Hospital Additional Block Project: Civil Model Development Nur 'Afifi Ahmad & Mohd Nor Akmal Khalid | Public Works Department Malaysia

1245 - 1400 Program Break

1400 - 1445 Jerantut Hospital Additional Block **Project: Structural Model Development** Mohammad Hazmin Zakaria.

Ir. Ootrunnada Abd Rahman & Nurul Zawani Hamidon | Public Works Department Malaysia

1445 - 1530 Jerantut Hospital Additional Block Project: Electrical Model Development

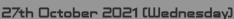
Ir. Muhammad Svukri Khasim & Muhammad Nur Ariff Mohd Akhir | Public Works Department Malaysia

1530 - 1615 Mechanical System Clash Management Ir. Ts. Zulkifli Suliman

| Public Works Department Malaysia

1615 - 1700 Bagan Datuk Polytechnic Project: Room Data Modelling

Muhammad Syaiful Safwan Nordin | UMP Holdings Sdn. Bhd.









Integrated Asset Management Branch

PWD Malavsia

END OF PROGRAM

1700

C	KNOWLEDGE ARENA
0945 – 1030	Construction Technology for Industry Muhammad Syaiful Ahdat Muhammad Fetri CIDB Malaysia
1030 – 1115	BIM & GIS Muhammad Iyas Mahzan UTNM Resources Sdn. Bhd.
1115 – 1200	Application of BIM in JKR Green Rating Tool (pHJKR) Dr. Nurul Sa'dah Bahar Public Works Department Malaysia
12.00 – 1245	7D Model Expansion in JKR Facilities Management Ts. Norashikin Akhiar@Khairuddin Public Works Department Malaysia
1245 - 1400	Program Break
1400 - 1440	Managing Projects Remotely: Beyond Malaysian Borders Ts. Suffian Shahabuddin 6ix Design Office
1440 – 1520	The Roles & Responsibility of BIM Manager in Public Project Assoc. Prof. Dr. Ahmad Tarmizi Haron Universiti Malaysia Pahang
1520 – 1600	Building Information Modelling (BIM) in Asset Management Ahmad Sharainon Md Shaarani Microcorp Technology Sdn. Bhd.
1600 - 1615	Program Break







JKR BIM Reference Hub & Technology Centre

Exhibition Booth for JKR BIM reference documents and JKR BIM model demonstration

EXHIBITION SQUARE

BIM product and latest technology, projects case study, BIM model demonstration

REGISTER NOW AT WWW.jkrbim.my

PARTICIPANTS FEE

Government: RM200/Pax

Private: RM300/Pax (Early bird rate until 17th October 2021)

Student : RM50/Pax

INTERESTED IN EXHIBITING?

Please contact Latib at 013-3477130 Faiz at 012-7752864 for further information.



For further enquiries, please contact:

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