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BIM Conference

*BIM implementation:
What's next for the industry?*

19 September 2018

InterContinental Kuala Lumpur,
Malaysia

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RICS BIM Conference

Overview

Building Information Modelling (BIM) is identified as a key technology to improve productivity and level of integration across the entire construction value chain. It continues to offer opportunities to drive a more effective and efficient construction projects. More emerging markets in Asia are aware that BIM implementation is critical in achieving the 60% growth in infrastructure projects expected by 2025.

Asia has been fostering the BIM implementation through the development of BIM roadmap. In ASEAN, Singapore is considered to have effectively implemented BIM and Malaysia is increasingly fostered the implementation to support the Construction Industry Transformation Plan (CITP) 2020. A minimum of 40% implementation rate of BIM for public projects above RM 100 million is recommended by CITP.

Construction Industry Development Board (CIDB) invested RM 1.5 million on BIM awareness programme. The government has also increased the 2018 budget on technical and vocational education and training of RM 4.9 billion. This is to increase the number of local skilled and productivity in construction projects.

RICS BIM Conference 2018 will look at the national guide, roadmap and international standards of BIM implementation. It will cover the key factors, challenges and obligations of project stakeholders in implementing BIM throughout the construction lifecycle.

Topics covered include digitalisation in BIM application, BIM implementation for Quantity Surveyors successful factors and challenges of BIM implementation in the construction lifecycle, and skillsets of the construction profession. It will also showcase the current project implementing BIM in Malaysia and successful BIM projects in ASEAN countries.

**A great networking and knowledge sharing forum that you should not miss.
Book today to secure your seat.**

Highlights

- Gain valuable insights into Malaysia's BIM national guide and road map from the Ministry of Work.
- MRTC latest showcase of BIM level 2 implementation in Malaysia's infrastructure project.
- Hear directly from developers, engineers, architects, quantity surveyors and contractors on BIM implementation in the construction lifecycle.
- Learn and understand about the digitalisation and technological support in BIM.
- Join in the discussion of project stakeholders in building the skillsets of the professionals to adhere with BIM standards.



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Marcus Lim, ASEAN Commercial Manager, RICS
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Programme

Conference chairperson's welcome

Ir. Ronan Collins, Head – Project Information Management, Gamuda Engineering

RICS welcome address

Keynote address

- The national BIM guide and standards for projects in Malaysia.
- How does the industry respond to BIM implementation as part of the CITP?
- Efforts to improve BIM implementation in public projects.
- Challenges and limitations in implementing BIM to increase productivity.
- What does the government do to increase local skilled manpower for BIM implementation?

YBhg. Dato' Sri Zohari Bin Haji Akob, Secretary General, Ministry of Works Malaysia

RICS guidance note: International BIM implementation

- RICS guidance note on the standards of BIM application in the construction industry.
- The principles around the use of BIM in the project life cycle (design, construction, operation, maintenance).
- Application of international guide in the ASEAN region.

Panel discussion: BIM implementation — Digitalisation and Technological Disruption in the Construction Lifecycle

- The principles of embracing digitalisation and technological disruption.
- Key issues faced and managed by construction professionals in digitalisation, technological disruption and implementing the right BIM tool in a project.
- Collaboration of BIM in the cloud, 3D printing, augmented reality, survey drones, big data and the Internet of Things (IOT) — how does it affect productivity?
- The key factors of BIM implementation in a successful project throughout the construction lifecycle.
- Showcase of successful BIM projects in Malaysia.

Moderator:

Dr John Rogers, Executive Director, thinkBIM Malaysia

Panelists:

Mr Kho Teok Siong, BIM Manager, Kimly Construction
Mr Darcy Farrar, BIM Manager, Lendlease

Infrastructure project: Adoption of BIM level 2 in Klang Valley MRT SSP Line 2

- Showcase on the design and construction of KVMRT- SSP line project.
- Why is the project required BIM Level 2 implementation?
- The integration between BIM Level 2 and the use of Common Data Environment (CDE).
- The contract and finance implications and management in the project.
- Best practices applied in BIM Level 2 implementation in the project.

Mr Poh Seng Tiok, Director of Planning & Design, Mass Rapid Transit Corporation (MRTC)

Panel discussion: Building skillsets to adhere with BIM standards

- Skill sets required to work with the enhancement of BIM implementation.
- Key areas for up-skilling/re-skilling of current quantity surveyors, architects, engineers and contractors.
- How does different standards (national vs international) impact on the roles and responsibilities of practitioners involved in the project?
- Roles of leadership in embedding skills provision.

Moderator:

Mr Loo Ming Chee, Regional Head, South East Asia, Arcadis

Panelists:

Mr Rofizlan Ahmad, Chief Executive Office, CIDB e-Construct
Dr John Rogers, Executive Director, thinkBIM Malaysia
Mr Rob Sanchez, BIM Manager, Architect, China Construction (South Pacific) Devt' Co. Pte. Ltd
Mr Andi Kasa, BIM Manager, VERITAS Design Group

Quantity Surveyors - Stop talking about BIM & start doing it

- Get rid of the misinformation about BIM on projects.
- See how quantity surveyors can properly implement BIM in their day-to-day activities.
- Clear out the doubts about BIM, and why we should start using it.

Mr Andy Ang, Product Specialist, Exactal

Panel discussion: BIM Implementation — What does it take for Quantity Surveyor?

- What must quantity surveyors do to be compliant with BIM?
- Reasons for quantity surveyors to be compliant with BIM.
- The greatest barriers faced in demonstrating compliance.
- Roles and responsibilities of quantity surveyors during implementation.
- Success stories from quantity surveyors in a project on implementing BIM.

Panelists:

Mr Loo Ming Chee, Regional Head, South East Asia, Arcadis
Mr Andrew Ng Shou Guan, Director, ELP Quantity Surveyors
Sr Sharifah Noraini Noreen Syed Ibrahim Al-Jamalulail, BIM Director, Integrated Project Information Management Sdn. Bhd. (IPIM), Senior Project Manager, Perunding DMA Sdn. Bhd. (PDMA), Co-Chair BIM Technical Committee of RISM
Sr Amirhosein Mehdipoor, Senior Vice President, BIM Management Practice Sdn Bhd (BMP)

Closing remarks and close of conference

Programme is updated as of 23 July 2018.

Speakers may be subjected to change and RICS reserves the right to revise the programme.



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19 September 2018

InterContinental Kuala Lumpur

165, Jalan Ampang, Kuala Lumpur, Malaysia, 50450

Book your place today

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