



## Adoption of Technology in Construction Productivity

Using PPVC and IDD to improve efficiency and profits

### Event details

Date:	<b>Wednesday 18 July 2018</b>	
	8:30am registration	
	9:00am start	
	12:00pm finish	
Venue:	<b>SCAL Multi-Purpose Hall – Level 2</b>	
	Construction House, No.1 Bukit Merah Lane 2, Singapore 159760	
Cost:	<b>RICS member</b>	SG\$150.00
	<b>Supporting associations</b>	SG\$150.00
	<b>Non-member</b>	SG\$180.00
	All prices exclude 7% GST (M90371993L)	
	Book now: <a href="http://rics.org/ASEAN">rics.org/ASEAN</a>	

RICS is pleased to invite you to attend the half-day seminar on Wednesday, 18 July 2018.

In Singapore, improving productivity has become an important aspect for the construction industry. Higher productivity would strengthen its social standing and long-term development, and within the construction company itself, it would mean greater efficiency, lower costs and increased competitiveness.

Using technologies have become essential in improving construction productivity and there is more than just one type of technology in the construction today. This upcoming RICS half-day seminar invites local experts to share and discuss on how Prefabricated Prefinished Volumetric Construction (PPVC) and Integrated Digital Delivery (IDD) improve construction productivity.

### More information on PPVC and IDD

#### Prefabricated Prefinished Volumetric Construction (PPVC)

- A technology that supports the DfMA concept to significantly speed up construction.
- Not new in Singapore, but builders are still resistant to use PPVC in their construction despite of the government land sale sites mandate.
- According to BCA, PPVC can potentially achieve a productivity improvement of up to 40% in manpower and time savings.

#### Integrated Digital Delivery (IDD)

- One of the Singapore government strategies in the Construction Industry Transformation.
- An integrated process of the stakeholders in the construction value chain through Information Communication Technology (ICT) and smart technologies.
- Its Construction-Led-Design (CLD) move towards construction productivity and collaborative contracts.

### Supporting associations:



### CPD points:

- SISV: 3 CPD hours (QS Division)
- SPM: 4 CPD points

## Seminar agenda

### **RICS opening remarks**

**Mr Dexter See**, Managing Director ASEAN, RICS

### **The “Dos” and “Don’ts” in Integrated Digital Delivery (IDD) Journey**

- Key issues in integrating the digital data across industries.
- Initiatives put to push out the integration.
- Steps and strategies in the Integrated Digital Delivery.
- Lessons learnt from Surbana Jurong.

**Mr Eugene Seah**, Senior Director (Special Projects), GCEO’s Office,  
Surbana Jurong Private Limited

### **Panel discussion: Creating a win-win productivity across construction through IDD**

- What is Construction-Led-Design (CLD) in the IDD process?
- How is CLD accepted by stakeholders in the construction value chain?
- How can CLD provide cost efficiency and increase profits in a project?
- What are the changes in collaborative construction contracts with CLD implementation?
- What are the advantages and disadvantages in the changes in collaborative construction contracts?

#### **Moderator & panellists:**

- **Mr Eugene Seah**, Senior Director (Special Projects), GCEO’s Office,  
Surbana Jurong Private Limited
- **Mr Daniel Tay**, Partner, Chan Neo LLP
- **Mr Edmund Leong**, Senior Manager (ITA-BIM, ICT), Straits Construction

### **Tea break and LIVE Virtual Reality Demonstration**

During tea break session, participants will get to experience the live demonstration of technology that converts Building Information Modeling (BIM) into Virtual Reality Design Coordination.

### **Presentation on PPVC**

**Mr Allan Tan**, Executive Director, Dragages Singapore Pte Ltd

### **Panel discussion: Harnessing PPVC in the construction — Productivity and Investment**

- Key issues in using PPVC and improving construction productivity.
- PPVC’s profitable long-term market demand.
- Investing on PPVC – stakeholders’ estimation on cost to ensure profitable projects.
- PPVC and the investment barriers.
- Case study of a project built with PPVC in Singapore

#### **Moderator & panellists:**

- **Mr Allan Tan**, Executive Director, Dragages Singapore Pte Ltd
- **Mr Khor Yew Chai**, Executive Director, BBR Group

*RICS reserves the right to revise this agenda. Speakers may be subjected to change.*

# Adoption of Technology in Construction Productivity

**Date:** 18 July 2018 (Wednesday)

**Time:** 08:30 – 12:00 (Registration starts at 8:30AM)

**Venue:** SCAL Multi-Purpose Hall – Level 2 Construction House, No.1 Bukit Merah Lane 2, Singapore 159760

**RICS member / Supporting associations fee:** SG\$160.50 (inc. 7% GST)

**Non-member fee:** SG\$192.60 (inc. 7% GST)

**Deadline for registration:** 11 July 2018

**For more information or registration, visit:** [www.rics.org/asean](http://www.rics.org/asean)

For enquiries, please contact the RICS Singapore office at +65 6812 8186. To register, please complete the Registration Form and return it with payment to Ms Jiayi ([ricsasean@rics.org](mailto:ricsasean@rics.org))

## Delegate information

Salutation (Mr/Ms/Dr) \_\_\_\_\_ Surname \_\_\_\_\_ Given Name \_\_\_\_\_

Membership no (if applicable) \_\_\_\_\_

AAS no (if applicable): \_\_\_\_\_

Designation \_\_\_\_\_

Company \_\_\_\_\_

Correspondence address \_\_\_\_\_

Office number \_\_\_\_\_ Mobile \_\_\_\_\_

Email address \_\_\_\_\_

### Methods of payment

#### 1. By Online Payment

Please submit your registration online and make payment via credit card to [ricsasean@rics.org](mailto:ricsasean@rics.org)

#### 2. By Cheque

Please mail the crossed cheque made payable in Singapore dollar to "RICS INTERNATIONAL L SPORE B" and attach along with the completed registration form to Ms Jiayi at #27-16, International Plaza, 10 Anson Road. Singapore 079903.

#### 3. By Bank Deposit

Please deposit to the following bank account and email the deposit slip along with the completed registration form to [ricsasean@rics.org](mailto:ricsasean@rics.org)

**Payee:** RICS INTERNATIONAL L SPORE B

**Name of Bank:** The Hongkong and Shanghai Banking Corporation Limited

**Bank Address:** 21 Collyer Quay HSBC Building

#01-01 Singapore 049320

**Account No:** 047-859004-001

**Swift Code:** HSBCSGSG

### Remarks

- The organiser reserves the right to cancel or reschedule the function at their discretion
- You will only receive an e-mail notification from the RICS office confirming your registration status. You are advised to call RICS office (+65 6812 8186) to confirm your registration status if you have not received an e-mail confirmation prior to the event
- No refund can be made for cancellation or "no show" but a substitute delegate is normally permitted. Please inform RICS at least one week prior the event
- Seats will only be confirmed upon receipt of completed registration form together with payment
- Please make sure the exact amount is deposited as no change or refund will be provided
- Incomplete and wrongly completed registration form will not be processed
- Attendance certificates will not be issued for RICS CPD events
- All practising RICS members are required to complete and log at least 20 hours of CPD (Continuing Professional Development) online each year. Visit [www.rics.org/cpd](http://www.rics.org/cpd) today.

### Data Protection Policy

RICS will always make sure you receive compulsory communications such as those relating to the administration of your membership, renewal notices, regulation and conduct, practice and guidance notes and AGM information.

Furthermore, RICS would like to use the contact details that you have provided to us in relation to the communications described below (including by email/telephone, where appropriate). Please tick the relevant boxes below:

If you **do not wish** to receive additional communications from RICS about membership and the profession, tick here

If you **do not wish** to receive additional communications from RICS about RICS conferences, events, products, services and training (some of which may complement your CPD requirements); tick here

If you **do not wish to** receive additional communications from RICS detailing offers from third parties with whom we have negotiated special deals for members; tick here

For more information: Please contact Ms. Jiayi at [ricsasean@rics.org](mailto:ricsasean@rics.org)