



Date: 22 October 2018
Time: 9.00am – 4.15pm
Venue: MAX Atria @
Singapore Expo and Convention Centre

Built Environment Summit 2018

"Transformation of Construction SMEs"



Approved Accreditations: 4 PDUs & 5 hours CET & 5 SDUs & 4 BOA-SIA

SCAL Members - S\$128.40 / CIJC Members - S\$192.60 / Non-Members - S\$235.40

As the construction industry seeks to transform, there are challenges brought about by increasing competition, rising costs and tighter regulatory controls amidst technological changes and innovation especially for the small and medium-sized enterprises (SMEs).

The Built Environment Summit 2018, with the theme “Transformation of Construction SMEs” is a platform where industry leaders will share insights on overcoming challenges for transformation.

Hear from practitioners and experts on their vision, experiences and best practices in their transformation journey, and how the industry must embrace digitalisation to remain relevant.

SMEs will also gain updates on government schemes and grants, and financial strategies to grow their businesses while managing risks and opportunities in overseas projects.

Who should attend: Business owners, decision makers, senior management, business management and business development personnel in the built environment sector.

Event Partner:



Supporting Partner:



Held Concurrently with:



For more details, contact:

Ange - ange@scal.com.sg Yen Sze - yensze@scal.com.sg
Tel: 67939020 www.scal-academy.com.sg

Programme Outline



- 9.15am **Registration and Breakfast**
- 9.50am **Guests to be seated**
- 10.00am **Welcome Address**
Mr Kenneth Loo, President, Singapore Contractors Association Ltd
- 10.10am **Opening Address by Guest-of-Honour**
- 10.20am **Launch of DfMA Guidebook on Connections for Advanced Precast Concrete**
- 10.30am **Leaders dialogue - Overcoming Challenges for Transformation**
Panellists: *Mr Hugh Lim, Chief Executive Officer, Building and Construction Authority (BCA)*
Mr Kenneth Loo, President, Singapore Contractors Association Ltd (SCAL)
Er Chua Tong Seng, President, Association of Consulting Engineers Singapore (ACES)
Er Chan Ewe Jin, Vice President, Infrastructure Cluster, Institution of Engineers Singapore (IES)
Mr Chng Chee Beow, Management Committee Member, Real Estate Developers' Association of Singapore (REDAS)
Mr Seah Chee Huang, President, Singapore Institute of Architects (SIA)

Moderator: *Mr Lee U-Wen, Deputy News Editor, The Business Times*
- 11.45am **Digital Transformation of Construction Industry with IDD**
Mr Cheng Tai Fatt, Deputy Managing Director, Built Environment Research & Innovation Institute, BCA
- 12.15pm **Networking Lunch**
- 2.15pm **Transforming from an SME through Innovation**
Dr. Kelvin Lee Yang Pin, Senior Technical Manager, Samwoh Innovation Centre Pte Ltd
Mr Daniel Tan Boon Meng, Senior Manager, Corporate Development Communication & Management Information System, Samwoh Corporation Pte Ltd
- 2.45pm **Basic Considerations in Doing Precast Business Overseas**
Er Lim Chong Sit, Managing Director, Robin Village International Pte Ltd
- 3.15pm **Cross-border Project Financing**
Mr Wee Chin Chuan, Executive Director, Oriel Management Consulting Pte Ltd
- 3.45pm **Partnership with Government for Growth**
Mr Clarence Hoe, Director, Infrastructure Services Division,
Co-Director, Human Resource and Org Development, Enterprise Singapore (ESG)
- 4.15pm **End of Summit**
Visit BuildTech Asia 2018 Exhibition in Hall 3
Happy Hour at Sundowner



BUILT ENVIRONMENT SUMMIT 2018

“Transformation of Construction SMEs”

Synopsis and Speaker’s Profile

Digital Transformation of Construction Industry with IDD

This presentation aims to share on BCA’s Integrated Digital Delivery Plan to drive transformation enabled by digital technologies. The presentation will argue a case for digitalisation, share on the IDD plan and invoke a call for action by the industry to work together on this digital journey.



Mr Cheng Tai Fatt

Deputy Managing Director, Built Environment Research & Innovation Institute (BERII), Building and Construction Authority (BCA)

At BERII, Mr Cheng is responsible for driving BIM/VDC adoption in the Singapore. He helped to formulate the BIM roadmap and is tasked to drive the wide adoption of BIM across the industry to improve construction productivity. He was directly involved in the development and implementation of CORENET e-Submission system in Singapore. He is also a buildingSmart International Fellow, recognised for his contributions to the advancement of BIM adoption.

Transforming from an SME through Innovation

Innovation has been a buzz word for many years, with a varying degree of understanding by different people. It is talked about in almost every organisation. It brought phenomenal success for mammoth organisations such as Apple, Amazon and Google, just to name a few. What about SME? Can innovation bring about the breakthroughs and successes we want? Can it transform an SME?

Samwoh started in 1975 with a humble beginning as a transportation company providing building materials to Singapore’s industrial and housing development. Over the last 43 years, it has grown to be a leading integrated construction and engineering company with a strong emphasis on R&D, sustainability and innovation to create sustainable values for all stakeholders. Samwoh innovation journey for its own transformation comprises of applied R&D in developing new construction materials, products and solutions for the built environment; and the digitisation of its processes with the use of technologies to enhance productivity and safety. It is a non-stop and never-ending journey to stay ahead and to lead the industry.



Dr. Kelvin Lee Yang Pin

Senior Technical Manager, Samwoh Innovation Centre Pte Ltd

Dr Lee holds a doctorate degree in civil engineering from the National University of Singapore. He has joined Samwoh Corporation Pte Ltd since 2004 and has been involved in various research and consultancy works in pavement engineering, materials design and evaluation, as well as recycling of waste materials for construction applications. Dr Lee heads the Samwoh Innovation Centre which develops innovative and sustainable materials for construction applications.

Dr Lee also speaks regularly at international conferences and seminars to share and promote the green technologies developed in his studies. He has published numerous international conference and journal papers which include Journal of Materials in Civil Engineering and Magazine of Concrete Research. He also serves as a reviewer for various journal and conference publications. Over the years, Dr Lee has received several accolades

in recognition of his contribution towards sustainable development and innovation which include the IES-SG50 Top 50 Engineering Feats Award in 2016, IES Prestigious Engineering Achievement Award 2015, BCA-SGBC Young Green Building Individual Award 2013 and the Minister for National Development R&D Award 2013.



Mr Daniel Tan Boon Meng

Senior Manager, Corporate Development Communication & Management Information System, Samwoh Corporation Pte Ltd

Daniel Tan holds a BSc in Computer Science from the Open University, UK. He joined Samwoh in 2011 as the Group IT Head overseeing the adoption of IT across the organisation. Under Daniel’s charge, the organisation started its IT transformation journey in tandem with its rapid growth and transformation. He led many of the IT initiatives including the revamp of its IT infrastructure, digitisation of its industry

leading Asphalt and Ready-mix Concrete business operations and the deployment of mobile workforce system for its 700-strong site workers. On top of his IT role, Daniel heads the Corporate Communications Department. In this role, he leads the branding, employee engagement and corporate social responsibility efforts of the organisation. He also hosts C-suite level visits from the public and private sectors regularly with corporate presentation and tour of Samwoh Innovation Centre.



BUILT ENVIRONMENT SUMMIT 2018

“Transformation of Construction SMEs”

Synopsis and Speaker’s Profile

Basic Considerations in Doing Precast Business Overseas

The use of precast technology has grown since its introduction in the 1980s. More and more companies are now setting up precast plant overseas especially in Malaysia. Investors are also looking at other overseas opportunities in precast business especially in countries where there are urgent needs for housing. This paper shares some of the considerations when investing in precast business overseas.



Er Lim Chong Sit
Managing Director, Robin Village International Pte Ltd

ER Lim Chong Sit graduated from the University of Sheffield, UK. He is a Fellow, Institute of Engineers, Spore, Accredited Checker, Chartered Professional Engineer, Australia and ASEAN CPEng. He is also a Design for Safety Professional. Er Lim is responsible for overseas precast business as well as the PPVC production business in Singapore. He is also a Director in High Tech Precast Ltd (JV company in Myanmar) and Geostr RV Pte Ltd (JV Company in Spore) producing building and tunnel segments respectively.

ER. Lim Chong Sit has worked in Statutory Board (HDB) and was responsible for the implementation of precast technology in HDB building projects. He was also responsible (as the Qualified Person) for the first in-house design of a fully prefabricated building for HDB’s housing project. Mr Lim joined the private sector in 1995, during this time, he was also instrumental in setting up and managing precast plants in Singapore as well as overseas.

Mr Lim has also recently implemented DfMA technology for low cost and affordable housing in Myanmar. The precast components were produced in the precast plant in Myanmar using local engineers and workers. Mr Lim has also participated in many lectures and seminars in Singapore as well as Overseas.

Cross-border Project Financing

Over the next 15 years, an estimated US\$26 trillion may be spent on infrastructure projects in Asia. Many of such projects are looking for financing, and financiers are looking for projects to fund. But the projects are unable to obtain financing due to lack of bankability, usually occasioned by the lack of proper project preparation, project structuring, and technical issues.

This is where Singapore comes in. Singapore is home to commercial banks and investment funds with project finance teams and project structuring expertise; multilateral development banks; and professional services firms, from global trade & project finance advisory firms, law firms to engineering consultancies.

This presentation aims to share some perspectives on how small and medium size companies can move up the bottom of “construction food chain” i.e. sub-contractors where margins are brutally thin with long protracted payment terms to higher-end player where they can generate higher margin multiple sources of income instead of playing just sub-contracting role.



Mr Wee Chin Chuan
Executive Director, Oriel Management Consulting Pte Ltd

Mr Wee has more than 20 years’ experience in business strategy, cross-border trade and project finance. He has led many financing and merger & acquisition transactions across several industries, including aerospace, oil and gas, engineering, hospitality & leisure, food & beverage, construction, healthcare & wellness, warehousing & logistics, education services, information technology and media & telecommunications. Mr Wee is one of Enterprise Singapore’s panel of participating consultants.

He holds an MBA in International Finance from the Imperial College of London Business School. He is also a certified Practising Management Consultant (PMC). He graduated with Bachelor in Mechanical Engineering (First-Class Honours) from National University of Singapore.

Partnership with Government for Growth

The speaker will touch on how construction firms can tap on relevant government assistance programmes to develop capabilities for growth. These include schemes for collaboration, such as hunting in a pack. Case studies on companies that are successful in their transformation efforts will also be shared. Lastly, the speaker will explore opportunities in Asia and how having an internationalisation strategy will be key for business growth.



Mr Clarence Hoe Yin Wae
Director, Infrastructure Services Division and Co-Director, Human Resource and Org Development, Enterprise Singapore (ESG)

Clarence oversees the Infrastructure Services Division in Enterprise Singapore (ESG), leading in efforts to help enterprises grow, innovate and internationalise. The sector includes firms in architecture, master-planning, engineering services, developers, hoteliers, construction and facilities management. Clarence was based in Sao Paulo where he assisted companies to expand successfully into South America. Subsequently, he oversaw the talent management, learning and development, and HR operations as HR Group Director. Prior to joining ESG, Clarence was involved in conceptualising and developing industrial parks with JTC; as well as in MTI for a national project to fine-tune government policies and incentives to assist SMEs to be globally competitive.



Application Form
SCAL Built Environment Summit 2018
"Transformation of Construction SMEs"

Please complete the application form and send the completed form by e-mail or fax to SCAL Academy **before 18 Oct 2018**. For Further enquiries, please do not hesitate to contact:

Ms Ange I Tel: 67939020 I Fax: 67934401 I Email: ange@scal.com.sg

Ms Yen Sze I Tel: 67939020 I Fax: 67934401 I Email: yensze@scal.com.sg

Participants information (Please Write/ Type or Print Clearly in Capital Letters)

Name: _____ NRIC/FIN: _____ Designation: _____

Name: _____ NRIC/FIN: _____ Designation: _____

Name: _____ NRIC/FIN: _____ Designation: _____

Organisation/ Institution: _____ ROC/ UEN: _____

Address: _____

Contact Person: _____ Tel: (Office) _____ (Mobile) _____

Fax: _____ Email: _____

Registration Fees per participant (Please tick the appropriate box)

SCAL/ SLOTS Member \$128.40

CIJC Member (ACES, IES, REDAS, SIA, SIBL, SISV, SPM) \$192.60

Non-Member \$235.40

Student \$53.50

Note: All rates quoted in Singapore Dollars (SGD). The registration fees include of 7% GST.

Payment by crossed cheque made payable to "**SCAL Academy Pte Ltd**" and send to SCAL Academy @ 150 Neil Road, Singapore 088879. Please indicate for "**SCAL Built Environment Summit 2018**" behind the cheque.

Terms and Conditions

- 1) Written notice of replacement or withdrawal must be given at least 7 Days before the event date with a penalty charge of 50% of the registration fees for withdrawal. For any replacement, \$50 will be charged per participant replacement.
- 2) There will not be any refund or credit on fee paid.
- 3) Speakers, topics and venue are correct at the time of printing. SCAL reserve the right to substitute any of the speakers, cancel or change the content, venue and timing of the event for reasons beyond its control.

Name/ Authorised Signature/ Designation

Company Stamp (if applicable)

Date