

SIA EVENT:

Workplace Safety & Health (WSH) Committee Seminar 2013



Mr Eugene Yong Kon Yoon is Chairman of WSH Council Design for Safety Sub-committee, and Director of Woh Hup Holdings (Pte) Ltd.

He graduated from The University of Liverpool with Degree of Bachelor of Arts and Degree of Bachelor of Architecture in 1973 and 1976 respectively. A registered Architect since 1982, he has been involved in the family business as Architect, Developer and Contractor since 1980s. The company business includes building construction in Singapore and regions i.e.

Myanmar, Sri Lanka and India. The company has also completed residential developments in UK and Australia, and Hotel in China. He was conferred the Public Service Medal – PBM during the National Day Awards 2010.



Mr Chan Yew Kwong is the Director of Industry Capability Building Department, WSH Council. Previously, he was the Deputy Director of OSH Inspectorate (OSHI) in the Ministry of Manpower's OSH Division. He has been with the OSH Division for about 27 years. His 27 years' working experience involves inspection of construction worksites, shipyards, chemical and other manufacturing factories, investigations

into fatal/serious accidents, development of OSH standards, guidance materials, management systems and auditing.



Mr Mike Warren is an Architect and Group Director at Scott Brownrigg, with over 30 years' experience. He has a particular interest and skill in major projects, and a strong belief in making a difference by responding positively to the local environment and relating to the human need.

Mike leads the company's move in to the SE Asia market, with a Singapore office which opened towards the end of 2012.

He has a broad range of design experience across master planning and architecture, including major mixed developments, major Govt. projects, commercial, residential, industrial, and security projects (including expertise in counter terrorism design). Mike believes in a continuous architectural involvement from concept through to completion on site as the only way to achieve real design intent and great architecture.

Mike has led the change to BIM within the company, and regularly speaks at seminars. He contributes to articles and research papers, speaking at events at the Institute of Directors on Government Procurement, as well as to the central UK Govt combined estates liaison group.

Growing up on the east coast of Scotland, he now lives in Singapore and is married with two daughters. He enjoys sailing, and plays guitar (previously leading a blues rock band, which is real collaborative working!).

He has an infectious enthusiasm for Architecture, aesthetically and technically, and a belief that the design process should be an enjoyable and fulfilling experience. He is outgoing, and has had his character previously defined in a single word as; *excitable!*

EVENT DETAILS

Date	: 12 April 2013, Friday
Time	: 2.00pm – 4.30pm (Registration will start from 1.30pm onwards with refreshment)
Venue	: Singapore Institute of Architects SIA Theatrette Level 1 79 Neil Road (S) 088904
BOA-SIA CPD	: 4 CPD points
Seminar fees	: SIA Members (\$50.00), Non Members (\$100.00) (fees inclusive of GST)
Closing date	: 09 April 2013

PROGRAMME SCHEDULE

1.30pm	Registration with Light Refreshment
2.00pm	Presentation by Eugene Yong Kon Yoon , Woh Hup Holdings (Pte) Ltd
2.40pm	Presentation by Chan Yew Kwong , Industry Capability Building, WSH Council
3.20pm	Presentation by Mike Warren , Scott Brownrigg
4.00pm	Q & A
4.30pm	End of event

For more information, please contact SIA (**Ms Jacey Tay**):

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Organised by:



CPD PROGRAMME: 2013/027/MS/JT

GST REG. NO.: M9-0001281-J
G.N. No. 565 in Gazette No. 27

SIA EVENT:

Workplace Safety & Health (WSH) Committee Seminar 2013

Mr Eugene Yong Kon Yoon

Presentation topic "Design for Safety: from Fundamentals to Recognition"

Design for Safety (DfS) is a concept that changes the construction value chain "culture", bringing clients and designers into the "safety picture" as early as the concept design stage. Traditionally, risk management falls mainly on the shoulders of contractors, having to devise a way to realise designs while taking care of safety. The Guidelines on DfS for Buildings and Structures brings together stakeholders including the client, designers and contractors to help reduce risk at source.

DfS requires designers and stakeholders to consider workplace safety and health (WSH) as early as possible during the project, to design a building/structure that is safer to build, clean, maintain and decommission.

To date, multiple agencies and developers have taken the move to include DfS in new projects. To address the industry's rising demand, WSHC with MOM developed the competency-based DfS Coordinator Course with support from various associations and industry stakeholders in 2010. In addition to building DfS capabilities of stakeholders, WSH Council has launched the DfS Recognition Scheme in 2011 to recognize projects that have addressed risk through design.

This presentation will provide an introduction to DfS and bring participants from conceptual basics to project recognition.

Mr Chan Yew Kwong

Presentation topic "Design for Safety and Skyrise Greenery"

"Skyrise Greenery", a term coined in Singapore, first came about in its infancy when Singapore started to see walls being planted with climber plants on large infrastructural developments like flyovers, bridges, etc. With architectural innovation picking up during the early 1990s, there came about the introduction of sky terraces (the idea of bringing public and landscaped spaces up into the mid-levels), roof gardens and vertical green walls.

Skyrise greenery has been given more emphasis in recent years. The government has been actively promoting skyrise greenery. With skyrise greenery, landscape workers are faced with new work hazards, in particular, falling from heights while carrying out maintenance and other landscape-related works on rooftop and vertical greenery. These workers may also need to acquire new work practices to be able to work safely. This paper sheds light on these work hazards and the appropriate measures, like Design for Safety, to eliminate or mitigate them.

Mr Mike Warren

Presentation topic "DfS in the context of UK H+S, CDM, and BIM – Avoiding the Monster"

Scott Brownrigg has had a close working relationship with the Health & Safety Executive in the UK, and have contributed to many in depth discussions on site responsibilities and roles. The recent position and expectations of the HSE have evolved over the last 2-3 years, and alongside the increasingly high awareness on site, particularly by the major contractors, this continues to achieve greater site safety in construction.

Legislation and intent continue to evolve, with a high level Cabinet Office edict being to remove bureaucracy and red tape. Within this context, CDM (Construction, Design and Management) regulations have also evolved over the last few years, although this has been open to some fairly diverse interpretation by some, with many thinking that perhaps the results have been disproportionate to the effort. These CDM regulations are currently being re-written, with the HSE saying that the focus must be on design and pre-site operations. The intention is that of generally reducing burden, whilst aligning with the EU Directive, although the EU are themselves currently reviewing their own Directive. This all presents difficulties in timing, at the end of which will we still be overburdened with legislation?

Alongside the above, the growing use of BIM has taken the UK from 31st to 2nd in the world BIM league, and the UK Government, working groups and steering committees have now published papers on the Government expectations for the success of BIM of all Government projects. Work is also now starting on how BIM interacts with all design and construction regulations, including Building Control, H+S/CDM, and Fire. Yet many, including Scott Brownrigg have been investing and working in a BIM environment for some time, with a clear proven understanding of the very real advantages of this approach.

So who is really leading the drive for BIM implementation; Government or Industry?

How collaboratively are we all working?

How can the use of BIM and the virtual building model be used to best advantage in the H+S and CDM context?

And in particular, how can we ensure that all regulation is succinct, applicable and appropriate?



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 BOA-SIA CPD : 4 CPD points
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Please fax / email the completed registration form to Ms Jacey Tay:

Tel: (65) 6226 2668

Fax: (65) 6226 2663

Email: cpd@sia.org.sg

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 79B Neil Road, Singapore 088904

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