Increasing productivity is rightly seen as the main way to improve profitability and competitiveness in industry. This course is designed to give a broad overview of the many areas where productivity gains can be achieved, and will cover the full range from senior management behaviors to control and incentivisation of labour.

Course Content

1. Evolution of Productivity
   - Evolution of productivity through the ages: Why the construction industry is such a laggard and what we can learn from it.
   - Definition of productivity: Why it is important, how it is measured, what tools are available, global or elemental approach?
   - What are the top killers of productivity and how they can be eliminated? E.g. Delays, lack of skill, poor and uncoordinated design, late changes, poor planning, information overload, distractions, etc.

2. The role of Management
   - Top Management: Setting the company culture, goal setting, giving clear direction, setting up monitoring principles, Promoting innovation and acceptance of change.
   - Middle Management: Leading by example, principles of the ‘One Minute Manager’, control of labour and plant, the importance of detailed planning.
   - Time Keeping: punctuality, meetings, setting realistic deadlines. The importance of a hard line approach.
   - Outsourcing and Just in time (JIT) delivery: What are the benefits?
   - Profit: does the search for profit drive productivity or vice versa

3. Improving labour output
   - The concept of unproductive time: recognizing how much time is wasted daily by the workforce and how to improve.
   - Improving labour output: bonus schemes, training, equipment, supervision, welfare, incentives, safe working methods etc.
   - The role of supervision of labour: Clear direction, monitoring and encouragement
   - Understanding the importance of learning curve
   - HSE regulations: help or hindrance?

4. New Technologies
   - Principles of DFMA: Why we need to maximize repeatability. The importance of offsite prefabrication and precasting. Improving productivity through design.
   - PPVC: precast, prefinished volumetric construction
   - Use of new technology: drones, 3d printing, new materials
   - MEP: where is the future direction?
   - Overseas best practices and how they differ with Singapore.

The session will include several case studies and examples, and will be interactive to a degree. It will finish with a summary of actions and learning points that the participants will be encouraged to absorb and adopt.
Moving Construction Productivity into the 21st Century, whilst Increasing Efficiency and Profitability

PROFILE OF TRAINER

Jon Skipworth Button is a Director of Scott Vickers Private Ltd, who was previously Director rising to Executive Director at Gammon Pte Ltd, leading their Singapore office since 2001 to July 2012. He has had a wide range of experience over the last 43 years in senior management positions for internationally recognized main contractors in both building and civil engineering. He has been resident in HK and Singapore for the last 35 years, including 27 in Singapore, prior to which he worked in the Middle East and the UK.

As an Executive Director in Gammon, he was responsible for all aspects of development and running of the business in Singapore, including business development and thus tender selection and submission. Landmark projects that he has been involved in include the Headquarters of the Hong Kong and Shanghai Bank and the Bank of China in HK, the Bukit Panjang LRT, One Raffles Link, Chinatown MRT stations, Woodsville Interchange, One Raffles Quay and ITE New College West, in addition to several other commercial and industrial design and build projects in Singapore.

Since retiring from Gammon, he has held various consultancy positions for both contractors and Government agencies assisting on tendering and productivity issues.

Jon has been a Council Member of the Singapore Contractors Association where he was Chairman of the Productivity & Technology Committee. He has advised on the BCA Construction Productivity Centre Advisory Panel, and is also a member of the Singapore Institute of Directors and a Senior Member of the Institution of Engineers in Singapore. He currently sits on the Singapore Contractors Association Environmental and Sustainability committee and is currently on the BCA Construction Excellence Awards panel.

He graduated in Civil Engineering with Honours from Imperial College, London in 1974 and is a Fellow of the Institution of Civil Engineers (May 2002).
3 EASY WAYS TO REGISTER

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Email: michelle@laressolutions.com
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SEMINAR DETAILS

Seminar: Moving Construction Productivity into the 21st Century, whilst Increasing Efficiency and Profitability
Date: 22nd February 2018
Venue: HDB Centre of Building Research No. 10 Woodlands Avenue 8 Singapore 738973

FEE PER DELEGATE

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VENUE INFORMATION
HDB Centre for Building Research
10 Woodlands Ave 8
Singapore

CANCELLATIONS / SUBSTITUTION
Should you be unable to attend, a substitute delegate is welcome at no extra charge. Cancellations must be received in writing at least 14 business days before the start of the event. The company regrets that no refund will be made available for cancellation notifications received less than 14 business days before the event.

IMPORTANT NOTE
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