



MEDIA RELEASE

SINGAPORE CONSTRUCTION PRODUCTIVITY WEEK SHOWCASES ADVANCED TECHNOLOGIES TO IMPROVE COLLABORATION IN THE BUILT ENVIRONMENT SECTOR

Singapore, 27 August 2015 – The fifth Singapore Construction Productivity Week (SCPW) will be held from 13 to 16 October 2015 at the Singapore Expo Max Atria and Hall 3. Hosted by the Building and Construction Authority (BCA), the SCPW will focus and facilitate discussions to fundamentally change the way we build and improve collaboration in the construction value chain, so as to reduce the built environment sector's reliance on foreign workers. This year, BCA collaborates with the Infocomm Development Authority of Singapore (IDA) to feature technology solutions that looks to transform the built environment sector and improve productivity.

2. The annual event aims to attract over 6,000 industry practitioners as well as academics from around the world to share and learn about advanced construction technologies and trends in construction productivity.

3. Dr John Keung, Chief Executive Officer of BCA, said: "Moving forward, to achieve a quantum leap in productivity improvement, we need to change our mindset to focus on designing for labour-efficient construction and move as much construction work off-site as possible. To support Design for Manufacturing and Assembly (DfMA), an additional \$450 million of funding has been set aside to support firms in adopting impactful construction technologies and to train and upgrade their workers to keep updated with technological advancements. We are also establishing an eco-system for DfMA and developing new training courses to help the industry transit to a higher degree of DfMA adoption."

4. “The SCPW will be an excellent platform for both big and small construction firms to come together, share new insights and experience, and address the challenges of improving productivity in the built environment sector,” Dr Keung added.

5. Key highlights of the SCPW include:

- a. The **International BIM Competition**, which provides a platform for students in Institutes of Higher Learning to demonstrate their skills in Building Information Modelling (BIM) under the mentorship of industry practitioners.
- b. The **Government BIM Symposium**, a sharing platform for BIM implementation and learning points with government delegates from various parts of the world.
- c. The **Skilled Builders Project** which will showcase a live demonstration of the construction of a Cross Laminated Timber and Glue-Laminated Timber structural module complete with architectural finishes like curtain wall and floor finishes.
- d. The **Build Smart Conference**, a two-day conference which provides a platform to share ideas and technologies in advancing construction productivity with the industry practitioners. Topics on DfMA, lean construction and BIM will be covered.
- e. The **Productivity Challenge & Productivity Race** to engage tertiary students on construction productivity concepts.
- f. **BuildTech Asia 2015** which focuses on smart technologies that address challenges across different vertical industries in the building and construction sector in Asia.

6. BCA will also be organising the third International Panel of Experts (IPE) meeting on Building Information Modelling (BIM) from 9 to 12 October 2015. The meeting will involve prominent overseas and local industry professionals who will share their insights to drive productivity and build capability in Singapore’s built environment sector through the use of BIM.

7. For more details on Singapore Construction Productivity Week, visit www.scpw.sg

Empowering Innovative Technologies and Increasing Efficiency towards a Smart Built Environment Sector

8. BuildTech Asia 2015, the regional trade show for the built environment sector brings to life leading-edge technologies and innovations that are reshaping the future of the sector. Organised by Sphere Exhibits and hosted by the BCA, BuildTech Asia 2015 takes place from 13 to 15 October 2015 at Singapore Expo Hall 3 in conjunction with the SCPW.

9. Close to 150 leading companies and industry associations from more than 10 countries and regions namely China, France, Germany, Hong Kong, Ireland, Malaysia, Korea, Singapore, Taiwan and USA will showcase the latest in smart construction and construction technologies that will enable companies to address current industry challenges, including constantly evolving industry standards in the built environment sector.

10. Global expenditure in smart building technology is expected to grow to USD 17.4 billion by 2019 and the Asia Pacific region is among the most aggressive adopters of such smart building and construction technology. Emerging Asia continues to lead the world's construction markets, with more than 40 per cent of the global construction market that is projected to increase to almost half of global construction spending by 2020. Faced with higher quality standards, industry players are looking for innovative ways to refresh building processes and harness the latest technologies to improve efficiency and productivity as they navigate towards smart construction technologies and methodologies.

11. Mr. Chua Wee Phong, Chairman of Sphere Exhibits Pte Ltd, said, "Rapid strides in technological advancements have put the industry on the cusp of change. Our partnership with the BCA strengthens year-on-year as we progress to help companies keep up with the evolving industry trends in the built environment sector, both in Singapore and the region. BuildTech Asia brings together the latest technological breakthroughs and industry insights from the world's leading experts in the areas of building processes, raw materials and new materials. This year, we are happy to further expand the exhibit profile to include construction technologies to further the sector's evolving trends."

12. Dedicated towards smart building and construction, BuildTech Asia presents a wide array of the latest products, technologies and industry insights across the building and construction value chain, ranging from heavy machinery and engineering equipment to software and management solutions. This year, BuildTech Asia will showcase a new segment on the trade floor focusing on building technologies with leading companies such as Boral Plasterboard, DuckShin Housing Company Ltd, NewForma Asia Pacific, ST Building Systems. More than 6,000 attendees from around the region are expected to attend this much anticipated trade exhibition.

13. In addition to showcasing a comprehensive overview of the latest products and technologies, BuildTech Asia continues to embrace partnerships with various organisations and associations, both local and international, providing them with ample opportunities to build industry networks and achieve their respective business goals. Eight of the local supporting organisations from the Construction Industry Joint Committee have also pledged their support to Singapore Construction Productivity Week and BuildTech Asia. In addition, The International Power Access Federation (IPAF), Indonesian Architects Association (IAI), Indonesia Engineers Association (PII), Master Builders Association of Malaysia (MBAM), Prefabricated Access Suppliers & Manufacturers Association (PASMA), Saigon Construction and Building Material Association (SACA), Singapore Institution of Safety Officers (SISO), Vietnam Association of Building Materials (VABM), Vietnam Federation of Civil Engineering Association (VFNCA) and WSH (Asia) are some of the international organisations who have pledged their support to BuildTech Asia 2015.

Highlights at BuildTech Asia 2015:

14. This year, BuildTech Asia will focus on seven technologies and processes that will catalyse construction productivity: Building Information Modelling (BIM); Construction IT; Prefabricated Structural Systems; Prefabricated Architectural Systems; Prefabricated Mechanical and Electrical (M&E) Systems; Smart Materials; and Smart Construction.

15. Companies¹ at BuildTech Asia include global providers of fully integrated building information modelling systems such as Glodon International, market leaders in

excavation machinery such as JCB Southeast Asia and leading suppliers of mixers and concrete pumps such as ACME Equipment who have returned to BuildTech Asia for the fourth year.

Co-Located Conference at BuildTech Asia 2015

16. The Workplace Health & Safety Conference is co-located with BuildTech Asia 2015 and will be held on 15 October. Organised by Sphere Exhibits with the support from International Power Access Federation (IPAF), Singapore Institute of Safety Officers (SISO), Institution of Engineers Singapore (IES), Institution of Occupational Safety & Health (IOSH), Singapore Institute of Building Limited (SIBL), Royal Institution of Chartered Surveyors (RICS), this one day conference provides an ideal platform for stakeholders from the construction industry to network and learn about the latest trends and developments.

17. Themed “**Zero in on Safety**”, the Workplace Health and Safety Conference 2015 aims to empower delegates with the necessary skills, knowledge and insights through the exchange of ideas from a panel of noteworthy local and international speakers. This conference is expected to bring together more than 200 delegations from across the region and will highlight the importance of managing both health and safety risks in the workplace.

18. Online registration for Workplace Health & Safety Conference 2015 is now open. Please visit www.buildtechasia.com.sh/whsconference to learn more.

19. Visit www.buildtechasia.com for trade fair information and to pre-register as a visitor. Online pre-registration is open until 7 October 2015.

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About BuildTech Asia 2015

Hosted by Building Construction Authority of Singapore (BCA), and held during the Singapore Construction Productivity Week (SCPW), BuildTech Asia 2015 is now into its 5th edition focuses on technologies that address the challenges of building and construction across different vertical industries. BuildTech Asia 2015 is 3-day trade event dedicated to make a difference to the future of the industry. For more information, please visit www.buildtechasia.com

About the Singapore Construction Productivity Week (SCPW)

Organised by the Building and Construction Authority of Singapore (BCA), the Singapore Construction Productivity Week (SCPW) is an industry hallmark event for developers, architects, consultants, builders and suppliers to exchange ideas on construction productivity, as well as share the latest developments in new productive technologies, best practices and success stories. Held from 13 – 16 October 2015, key events this year include the BuildTech Asia Exhibition, Build Smart Conference, Skilled Builders Project, Productivity Race and Building Information Modelling (BIM) Competition. For more information, please visit www.scpw.sg

About Sphere Exhibits Pte Ltd

A wholly owned subsidiary of Singapore Press Holdings (SPH), Sphere Exhibits, which stands for "SPH Events, Roadshows and Exhibitions", aims to be the leading events company catering to a diverse mix of trade and consumer clientele. Backed by a committed and experienced team of professionals and SPH's comprehensive range of media platforms, Sphere Exhibits' shows, events and exhibitions centre on unique concepts that attract local audiences and regional participants. Among the 20 Sphere Exhibits' events are The IT Show, COMEX, Licence2Play, Asian Masters and Kidz Academy. Leveraging on its expertise in event conceptualisation, planning and execution, Sphere Exhibits delivers memorable and quality events that meet the objectives of its clientele and partners.

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About Building and Construction Authority

The Building and Construction Authority (BCA) of Singapore champions the development of an excellent built environment for Singapore. BCA's mission is to shape a safe, high quality, sustainable and friendly built environment, as these are four key elements where BCA has a significant influence. In doing so, it aims to differentiate Singapore's built environment from those of other cities and contribute to a better quality of life for everyone in Singapore. Hence, its vision is to have "a future-ready built environment for Singapore". Together with its education arm, the BCA Academy of the Built Environment, BCA works closely with its industry partners to develop skills and expertise that help shape a future-ready built environment for Singapore. For more information, visit www.bca.gov.sg.

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