



MEDIA RELEASE

7TH SINGAPORE CONSTRUCTION PRODUCTIVITY WEEK FOCUSES ON INNOVATION AND BUILDING FOR THE FUTURE

Singapore, 26 September 2017 – The Singapore Construction Productivity Week (SCPW) will return for its 7th year running, with the theme “Embracing Innovation, Building Our Future”. Organised by the Building and Construction Authority (BCA) with strategic partner Sphere Exhibits Pte Ltd, the SCPW will be held at the Singapore Expo Max Atria and Hall 3 from 24 to 26 October.

This year’s theme reflects the critical role that technology plays in paving the future of construction in Singapore. There is huge potential for the built environment sector to improve its productivity and resource efficiency, streamline project management and processes, and enhance construction quality and safety through innovation.

SCPW 2017 will focus on two key areas - through the adoption of Design for Manufacturing and Assembly (DfMA), and Integrated Digital Delivery (IDD).

Mr Hugh Lim, Chief Executive Officer of the BCA, said: “We have seen technology disruption occurring across many sectors in recent times. Some might view it as a threat but for our sector, it presents opportunities for firms to build up their competitive edge and attract more Singaporeans to join their workforce. SCPW brings together various stakeholders including technology solution providers, industry experts, as well as public sector agencies to help provide a platform for firms to learn more about the support and resources available for business growth and innovation. This will help firms to start embarking on their transformation journey.”

Highlights of this year's SCPW include anchor events such as BuildTech Asia, the Build Smart Conference, an experiential workshop with site visits to projects adopting game-changing technologies as well as student competitions. There are also new line-ups this year, including:

- **ProTech Demonstration**, where industry players can learn about the latest Mechanical, Electrical and Plumbing (MEP) technologies in the market and witness a live demonstration of construction building services with prefabricated MEP modules.
- A showcase of productive and high quality architectural finishes as well as industry sharing on best practices and experiences in producing top quality construction work with the use of Prefabricated Prefinished Volumetric Construction (PPVC) at the inaugural **Achieving High Quality PPVC Projects workshop**.
- The **Regional Perspective to DfMA Construction** workshop, which provides a platform for Singapore firms and international delegates to learn about the latest developments of DfMA technologies in the region. It also serves as a networking platform for firms to make new connections and explore overseas business opportunities.

Reinventing Smart Building and Construction through Technology

According to BMI Research, Asia is expected to remain as the largest and one of the fastest growing construction markets in the world over the coming years due to Government-led infrastructure development initiatives in China, India and emerging markets in Southeast Asia. With a current pipeline of construction projects worth more than US\$3.6 trillion in Asia, there is a significant market for construction technologies and solutions.

Echoing this, the 7th edition of BuildTech Asia is held in conjunction with the Singapore Construction Productivity Week, in Singapore Expo Hall 3. Organised by Sphere Exhibits Pte Ltd and hosted by the BCA, the trade platform will feature smart building and construction solutions to help industry practitioners achieve greater efficiencies and contribute to the development of smarter cities.

BuildTech Asia 2017 will showcase the latest in SMART construction and productive technologies to address the challenges of building and construction across different vertical industries aside from the staple exhibits in construction machinery and equipment, building

materials and architectural solutions, and quality finishes. The international building technology trade show is expected to attract the biggest gathering since its inception, with about 120 exhibiting companies and more than 8,000 trade visitors from over 30 countries across Asia Pacific and Europe.

Mr Chua Wee Phong, Chairman of Sphere Exhibits Pte Ltd, said: "In keeping with the times, it is essential for the construction sector to keep up with relevant cutting-edge technologies which will empower professionals to remain productive and profitable within the construction value chain. We aim to continue growing the presence of BuildTech Asia in the region and be the leading platform for industry practitioners, technology experts and distributors to network, share insights and be updated on the latest construction technologies and solutions to succeed in today's built environment sector."

The global smart building market is forecast to reach \$31.74 billion by 2022 from \$7.42 billion in 2017 driven by the growing need for integrated security and safety systems in buildings and adoption of Internet of Things (IoT) in building automation technology. Asia Pacific is expected to witness higher growth in the smart building market during this period.

Reflecting this is an increase in international exhibitor participation at BuildTech Asia which has been on a steady incline over the years. Austria, China, Germany, Indonesia, Ireland, Italy, Korea, Malaysia, Singapore and United Kingdom have confirmed their participation. BuildTech Asia 2017 has also garnered regional support from Southeast Asia's built environment sector. More local and international associations have embraced the opportunity to collaborate and enjoy abundant opportunities to network with industry peers in pursuit of their business goals.

Highlights at BuildTech Asia 2017

Visitors can look forward to exciting instalments this year, such as a bigger Singapore Public Sector Built Environment Leadership Pavilion showcasing 10 public agencies' projects on construction productivity. The pavilion will feature productive technologies and innovations focusing on DfMA, IDD, as well as research and development. The Building and Construction Authority will collaborate with other Government agencies to host the pavilion, with interactive exhibits on off-site construction, 3D immersive visualisation, showcases of innovative solutions and Government agencies' productivity journeys.

Ten finalists of the Singapore Contractors Association Ltd's (SCAL) Productivity and Innovation Awards (PIA) 2017 will also showcase their projects for public voting at BuildTech Asia, from 24 to 25 October. Into its second year, the PIA is an industry initiative to raise productivity in the construction sector through a ground-up approach for innovative ideas. It creates a climate and culture of innovation by encouraging employees at all levels to propose projects, products or process changes that will result in significant productivity improvements at their workplaces.

Co-located activities at BuildTech Asia 2017

This year, two new co-located activities – the SCAL Built Environment Summit and SMART Women in Built Environment conference, will take place on 26 October in conjunction with BuildTech Asia 2017.

The SCAL Built Environment Summit addresses global and local issues in promoting innovation, productivity and calls for closer integration and effective collaboration among stakeholders across the construction value chain. Key topics at the Summit will include the report “The Future of Construction” by the World Economic Forum and the “Construction Industry Transformation Map” developed as part of recommendations by Singapore’s Committee on the Future Economy. The Summit also provides a platform for dialogues between Government and industry representatives from the built environment sector.

The inaugural SMART Women in Built Environment conference, organised by the Prestressed and Precast Concrete Society, Structural Engineering World Congress and Sphere Exhibits Pte Ltd, will address the current progression and empowerment of women professionals in the built environment sector within the region. The conference features discussions by leading women professionals from Australia, Philippines, Singapore and Thailand as well as female representatives from various Government agencies. It will examine roles, responsibilities, challenges and personal journeys of women professionals in the industry, as well as various national initiatives to empower them to excel in the built environment sector. The event is supported by the Australian Trade and Investment Commission (Austrade), BCA and the National Association of Women In Construction (NAWIC).

Please refer to the Factsheet or visit www.scpw.sg and www.buildtechasia.com for more information on SCPW and BuildTech Asia 2017.

To learn more about the SMART Women in Built Environment conference, visit <http://www.buildtechasia.com/smart-women-built-environment>

For more information about the SCAL Built Environment Summit, visit <http://www.scal-academy.com.sg/seminars/oct-26-built-environment-summit-2017-construction-in-the-future-economy>

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About BuildTech Asia 2017

Hosted by Building Construction Authority of Singapore (BCA), and held during the Singapore Construction Productivity Week (SCPW), BuildTech Asia 2017 is now into its 7th edition focusing on technologies that address the challenges of building and construction across different vertical industries. BuildTech Asia 2017 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. 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.

About Singapore Press Holdings Ltd

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SPH owns award-winning newspapers, magazines and best-selling books in both print and digital editions, as well as online classified businesses in the region. In addition, SPH has two English radio stations and one Chinese radio station, an out-of-home digital advertising unit, a regional events and conferences arm, and runs a chain of modern retail convenience stores. SPH also has a 20 per cent stake in MediaCorp TV Holdings Pte Ltd, which operates free-to-air channels 5, 8 and U, and a 40 per cent stake in MediaCorp Press Limited, which publishes the free newspaper, Today.

SPH REIT comprises Paragon, a premier upscale retail mall and medical suite/office property in Orchard Road and The Clementi Mall, a mid-market suburban mall. SPH's latest retail development is The Seletar Mall located in Sengkang.

SPH is in the healthcare sector, operating private nursing homes under Orange Valley.

For more information, please visit www.sph.com.sg

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.

Annex A



'Embracing Innovation. Building Our Future.'

The **Opening Ceremony of the 7th SCPW** will be held on 24 October 2017, during which the Construction Industry Transformation Map (ITM) will be launched by Minister for Social and Family Development and Second Minister for National Development, Mr Desmond Lee. The BIM Awards (Project level) and International BIM Competition Awards will also be presented at the ceremony.

Anchor Events

- **BuildTech Asia (BTA)** is a three-day trade exhibition organised by Sphere Exhibits, a subsidiary of Singapore Press Holdings. It is the region's leading tradeshow that focuses on productive and smart technologies addressing the challenges across the value chain in the built environment sector in Asia.
- The **Singapore Public Sector Built Environment Leadership Pavilion** will feature productive and innovative showcases that chart the latest developments in the transformation of the construction industry into one that is productive and innovative. BCA will also be partnering other public agencies to showcase government's effort in driving productivity.
- The **Build Smart Conference** is a two-day conference which provides a platform to share ideas and technologies to advance construction productivity, targeted at industry practitioners. Topics on DfMA, productive construction methods and Virtual Design and Construction (VDC) will be covered.
- The **Experiential Workshop** features an experience sharing session including site visits to local projects adopting game changing technologies.
- The **SCAL Productivity & Innovation Awards (PIA)**, which is a ground-up initiative by SCAL, is an open competition for industry firms to showcase their innovative ideas to achieve higher productivity.

New Events

- The new **Productivity Technology (ProTech) Demonstration** features a live demonstration by industry practitioners to showcase the use of modular prefabricated Mechanical, Electrical and Plumbing (MEP) systems to shorten on-site installation time.
- The inaugural **Achieving High Quality PPVC Projects workshop** is a new platform for industry practitioners to showcase the use of productive and good quality architectural finishes as well as share the good quality practices and project experiences.
- The new **A Regional Perspective to DfMA Construction** will provide the updates from Singapore firms and international delegation on the development of construction technology, particularly DfMA in the region. More importantly, it serves a networking opportunity for Singapore firms and overseas delegates to build up their connections and explore business opportunities.

Institutes of Higher Learning (IHL) Events

- The **Productivity Challenge & Productivity Race** aim to engage Institutes of Higher Learning (IHL) students on construction productivity concepts through project based assignments and interactive games.
- The **Productivity Workshops** comprise talks and tours that are catered to reach out to the IHL students and lecturers to enhance their understanding on the built environment industry.
- **International Building Information Modelling (BIM) Competition** targets the tertiary students to demonstrate their BIM skills under the mentorship of industry practitioners.
- **National BIM Shoot-Out** is a competition targeting IHL students to demonstrate their individual BIM modelling and documentation skills within a given time frame.

Annex B

Supporting partners of BuildTech Asia 2017:

This year, Australian Trade and Investment Commission (Austrade); Association of Consulting Engineers Singapore; Association of Industrial Engineering and Management Industry of Indonesia (ISTMI); Building Construction and Timber Industries Employees' Union (BATU); Building Owners & Managers Association, Indonesia; Central Jakarta Chamber of Commerce and Industry; Construction Industry Joint Committee; Infocomm Media Development Authority of Singapore; International Facility Management Association, Singapore Chapter; International Powered Access Federation; Malay Contractors Association of Malaysia (PKMM); Malaysian Association of Facilities Management; Malaysia Heavy Construction Equipment Owners Association; Master Builders Association Malaysia; Myanmar Construction Entrepreneur Association; National Association of Indonesian Consultants; National Association of Women in Construction (Australia); Real Estate Developers' Association of Singapore; Singapore Contractors Association Ltd (SCAL); Singapore Cranes Association; Singapore Institute of Building Limited; Singapore Institute of Surveyors & Valuers; Singapore International Chamber of Commerce; Singapore Manufacturing Federation; Society of Project Managers Singapore; The Institution of Engineers, Singapore; Vietnam Association of Civil Engineering Environment; Vietnam Association of Structural Engineering & Construction Technology; Vietnam Electronic Industries Association; Vietnam Federation of Civil Engineers Associations and Workplace Safety and Health Asia are supporting BuildTech Asia 2017.