



## **BUILDTech ASIA SHOWCASES LATEST TECHNOLOGIES AND SMART SOLUTIONS TO DRIVE TRANSFORMATION OF CONSTRUCTION INDUSTRY**

**Singapore, 3 October 2017** – The 7<sup>th</sup> edition of BuildTech Asia returns from 24 to 26 October to Singapore Expo Hall 3 in conjunction with the Singapore Construction Productivity Week (SCPW). Organised by Sphere Exhibits Pte Ltd and hosted by Singapore's Building and Construction Authority (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.

Asia Pacific is expected to witness higher growth in the smart building market which is forecast to reach \$31.74 billion by 2022 from \$7.42 billion in 2017.<sup>1</sup> The current pipeline of construction projects in Asia is valued at more than US\$3.6 trillion<sup>2</sup>, presenting a significant market for construction technologies and solutions.

Echoing this, BuildTech Asia 2017 will showcase the latest 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.

International exhibitor participation at BuildTech Asia has increased over the years, with Austria, China, Germany, Indonesia, Ireland, Italy, Korea, Malaysia, Singapore and United Kingdom having confirmed their participation in this year's line-up.

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."

This year, BuildTech Asia has garnered support from Southeast Asia's built environment sector. Regional supporting partners include the 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

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<sup>1</sup> "Smart Building Market - Global Forecast to 2022" report by ReportsnReports

<sup>2</sup> Report by BMI Research

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.

## **Highlights at BuildTech Asia 2017**

Visitors can look forward to exciting instalments this year and more opportunities to collaborate and network with industry peers in pursuit of their business goals.

A bigger Singapore Public Sector Built Environment Leadership Pavilion showcasing 10 public agencies' projects on construction productivity will return to the trade floor. The pavilion will feature productive technologies and innovations focusing on Design for Manufacturing and Assembly (DfMA), Integrated Digital Delivery (IDD), as well as research and development. BCA 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).

BuildTech Asia is an anchor event of the SCPW. Themed "Embracing Innovation, Building Our Future", SCPW 2017 brings together various stakeholders including technology solution providers, industry experts, as well as public sector agencies to provide a platform for firms to

learn more about the support and resources available for business growth and innovation, and help them embark on their transformation journey.

Other highlights of SCPW 2017 include 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 at this year's SCPW, such as a 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.

In addition, an inaugural Achieving High Quality PPVC Projects workshop will showcase 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).

Lastly, the Regional Perspective to DfMA Construction workshop will provide 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.

Please refer to the Factsheet or visit [www.scpw.sg](http://www.scpw.sg) and [www.buildtechasia.com](http://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 7<sup>th</sup> 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](http://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](http://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**

Incorporated in 1984, main board-listed Singapore Press Holdings Ltd (SPH) is Asia's leading media organisation, engaging minds and enriching lives across multiple languages and platforms, ranging from print, digital, radio and out-of-home media.

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](http://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](http://www.bca.gov.sg).

## Annex A



*'Embracing Innovation. Building Our Future.'*

The **Opening Ceremony of the 7<sup>th</sup> 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 the 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 as 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.