

CONFERENCE



Hong Kong Construction Conference

Revitalize the prosperity of construction industry

Sheraton Hong Kong Hotel & Towers

12 May 2023



Course level

Advanced



Type of event

Face to face



CPD Hours

6

Formal



Included in

Ringfenced

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The construction industry is one of the most important pillars to Hong Kong's economy. According to Census and Statistics Department, the construction sector's total receipts amounted to \$396.1 billion in 2021. The productivity of the construction industry is crucial to Hong Kong's economic growth, long-term development and to improve the livelihood of people.

Although in the medium term, the construction sector is still closely connected with key risks. But with increased investment in public infrastructure, energy, commercial and industrial projects, improved confidence from consumers and investors, the output of construction sector is expected to speed up.

The RICS Hong Kong Construction Conference returns for the second year as a face-to-face event in May 2023 in Hong Kong. As the region is calling for an initiative to 'Design for Future, Build for Life', the theme of the event will focus on revitalizing the prosperity of the construction industry.

Join us at the event in May as we explore the future of the construction industry in the region and network with industry experts to analyze and discuss how the sector can move forward in this period of uncertainty.



Time Zone:

HKT

8.30

Registration

9.00

Welcome address

Dave Hallam MRICS, Chair of RICS Hong Kong Advisory Board, Managing Director of Asia Infrastructure Solutions

9.10

Opening address & Keynote / Interpreting the newly launched infrastructure strategy and the resulting implications for practitioners in the construction industry

The Chief Executive's 2021 Policy Address has now further developed the land use proposals in the New Territories with the announcement of the Northern Metropolis with massive implications for infrastructure development, particularly rail, in the coming two decades. In the 2022 Budget, the government expressed plans to increase Hong Kong's housing supply, identifying 350 hectares of land to provide 330,000 public housing units over the next decade. \$1 billion fund is being set up for training and upgrading workers' skills. This will hopefully encourage the use of new materials and modern methods of construction to improve productivity with the ultimate aim of developing the country's residential, institutional and energy infrastructure, whilst supporting the construction sector's growth.

Join this session to gain an in-depth view of the government's infrastructure and construction strategy and what these mean for you. Taking the leverage of positive impacts, joining the session with the expert and authority to hear interpretation in depth on the blueprint of the region.

Ir Ricky Lau, Permanent Secretary for Development (Works), HKSAR Government

9.30

Keynote / Performance and prospect of Hong Kong's construction industry

After decades of evolution, Hong Kong construction sector have entered their Golden era. In the next decade or even more, the construction output is going to exceed 300 Billion annually in the next few years.

"High Quality Development" is crucial for the 7.5m population to Hong Kong. Sustainability and Well-being is high on the agenda for everyone. In addition, Integration under GBA is a natural progression to maintain the growth and prosperity of Hong Kong.

Hence future construction will be scaled up to meet with the High Quality Development. In addition to looking at Mi-infinity, ICDE, Design for Safety, High Productivity, Sustainability, Livability and Well-being will be the key focus for construction in the years to come. The challenges will be talents and workforce shortage which can only be solved by implementing more Innovation and Technology in addition to looking at importation of some specific trades!

Ir Thomas HO, Chairman, Construction Industry Council



Time Zone:

HKT

09.55

Keynote / Take innovative initiatives to accelerate the liveability of public housing construction

Hong Kong is one of the most densely populated regions of the world, and through a combination of factors including historical patterns, geographic conditions, and public policy is facing severe challenges regarding its supply of public housing. Recent years, Hong Kong Housing Authority has been actively exploring and applying various innovations to enhance the effectiveness of public housing construction.

This session will talk about the progress of implementing the Housing Construction Programme. Interpretation on the strategies and policies regarding land supply, development, planning, design and construction of public housing and how do enterprises to comply with the corporate procurement, safety and environmental management strategies and make most of it.

TAI Sheung-shing, Victor, JP, Under Secretary for Housing, Hong Kong SAR Government

10.15

BREAK

10.35

Keynote / Inspecting on the evolution of construction industry from the perspective of real estate development and project management

With the development of digitalization, new challenges and sustainability requirements arise from internal and external environment. The role of the surveyor has also changed. It includes not only the traditional concepts but also project management and financing, international engineering construction and facilities management, ESG with sustainable development, dispute resolution, legal risks and other professional advisory services.

This session will discuss the evolution of construction sector, new value proposition of surveyors and how to take advantage of the trend to meet the new needs of customers thus enhancing market competitiveness.

Yip Yin Yung, District Project Director (Guangzhou), Deputy Director of Design Management Department, Henderson (China) Investment Co. Ltd.



Time Zone:

HKT

11.00

Women Power Talk / Empowering women to succeed in the construction sector

Construction industry has long been a male dominated industry – statistics from Arcadis show that women comprise only around 10% of this overall global workforce. However, as more and more women around the world and in Hong Kong choose to work in the construction industry, the stereotypical role is gradually declining, the voices of women in construction are stronger than ever. Practicing diversity in the workplace has huge benefits for any industry.

In this session, we will invite women who have made significant contributions and positive impacts in the industry to share their challenges and insights. With the rapid development of the construction industry and the increase in skill development and job progression, our speakers will give their views on this topic and will discuss career development in the construction industry.

Moderator: Michele Lui, Project Manager, Business Development Manager, Hip Hing Construction Co. Ltd.,

Panelists:

Ar. Ada FUNG, BBS President Chair of Committee on BIM, Construction Industry Council

Candy Lai MRICS, Executive Director, Regional GPMO Asia Lead, Arcadis

Ir Dr Anne Kerr, Managing Director of Greater China, Global Head Cities, Mott MacDonald Ling Lam FRICS, Managing Director, RLB North Asia

11.50

LUNCH



Time Zone:

HKT

13.10

Keynote / Construction digitalization - transforming in the whole life cycle of a project for working smarter

Digitalization is expected to change business models and provide better income and value with opportunities produced. Digitalization is the process of moving to a digital business and leveraging digitization to improve business processes. Although the construction sector in Hong Kong keeps adopting optimized processes and technology innovations, there are still continuous challenges for the construction industry to transform from traditional construction process to forefront digital. This session will explore these challenges in greater details and will present solutions to these challenges.

Dr. Winnie Tang, Founder & Chairman, Esri China (HK) Ltd; Founder & Honorary President, Smart City Consortium

13.35

Keynote / Exploring the application of BIM+ from design to construction

Globally, BIM has been widely regarded as a revolutionary technology to solve increasingly prominent problems in the construction industry, and its importance and application have been widely recognized.

This session reviews the current situation of the development of BIM in Hong Kong and Mainland China, and will point out the problems existing in the development of BIM+ innovations, and will explain how BIM can bring about positive changes to the whole industry.

Simon Ng, BIM Director, China State Construction Engineering (Hong Kong) Limited

14.00

Panel discussion / Safety and sustainability - The importance of ESG in the construction industry

Hong Kong's Climate Action Plan 2050 sets out carbon emissions target to reduce Hong Kong's carbon emissions by 50 per cent before 2035. The construction industry will be expected to seek more than 11% reduction achievement set up in the previous Action Plan 2030+ against business-as-usual in the current climate crisis, achieving this ambitious goal is both crucial and challenging.

In this session, our experts will explore solutions and alternatives around sustainable designing, economical argument of low-carbon materials, technology devices and renewable energy for the ideal carbon footprint and environmental requirements.

Moderator: Sam Crispin, Head of Sustainability and ESG APAC, Savills



Time Zone:

HKT

14.50

Panelists:

Cary Chan, Executive Director, Hong Kong Green Building Council (HKGBC)

Dr. Benny Chow, Director of Sustainability, Aedas

Emma Harvey, Group Sustainability Manager, Gammon Construction Limited

Prof. Thomas Wong, Professor of Practice HiESD (HK), Adjunct Professor NJJIT (China)

Break

15.10

Keynote / Enhancing the industry's productivity and cost effectiveness by adopting Modular Integrated Construction (MiC)

Hong Kong's construction industry has been challenged by high costs, a lack of skilled labour and declining productivity. Therefore, wider adoption of innovative construction methods and advanced technologies is the key to addressing these challenges, and Modular Integrated Construction (MiC) provides timely solutions to improve productivity and cost effectiveness in the construction industry. This session will explore Modular Integrated Construction, what it is and how to make the best use of it.

Ir Dr Conrad Wong, Vice Chairman, Yau Lee Holdings Limited

15.35

Keynote / Best practice and public works of New Engineering Contract (NEC) journey in Hong Kong

Risk management is challenging the process of project management, and one of the challenges is to complete the project under limited budget and time. The Development Bureau has been promoting a 'partnership' approach to the delivery of public works projects, including the New Engineering Contract (NEC) model, to enhance the efficiency and cost-effectiveness of project management and introduce a new culture in project management. The major difference between NEC from traditional contracts is actively involving key stakeholders, especially clients, contractors and project managers during the contract period, thereby reallocating risks and responsibilities. This novel contract model allows multi-parties to proactively manage project risks and encourages timely resolution of unexpected claims.

Join the session to learn from best practice of NEC journey in Hong Kong.

Daniel Cheung, Director - Strategic Lead, South China & Head of Infrastructure, NEA, Turner & Townsend



Time Zone:

HKT

16.00

Panel discussion / Establishing modernized measures to present and promote professional services in construction

With the help of the government, Hong Kong is moving towards re-industrialisation. To revitalize the economy, create new opportunities and retain talent, the Hong Kong government has earmarked billions of Hong Kong dollars to revive the manufacturing sector, with much of the money being invested in Industry 4.0 technologies such as the Internet of Things, artificial intelligence, pre-processing and lean processes.

Join this panel discussion and find out why the re-industrialisation of Hong Kong cannot be achieved without the Construction Industry 2.0 initiative spearheaded by local authority, which aims to lead the industry to reform and improve its performance through innovation, professionalism and youth.

Moderator: Prof Wilson Lu, Professor of REC, Director of iLab, the University of Hong Kong (HKU)

Panelists:

Andrew Macpherson MRICS, Head of Asset Development, APAC, JLL

Francesco Tizzani, Group Manager of Digital Construction, Leighton Asia

Katherine Leung MRICS, Assistant Director(QS), Architectural Services Department, Hong Kong SAR Government

Sankar V S, Director, Regional Digital Portfolio Leader - East Asia, Arup

16.50

Closing address

Fong Chung LEE MRICS, Member of RICS Hong Kong Advisory Board, Chief Quantity Surveyor at Architectural Services Department, Hong Kong SAR Government

Delivering confidence

We are RICS. Everything we do is designed to effect positive change in the built and natural environments. Through our respected global standards, leading professional progression and our trusted data and insight, we promote and enforce the highest professional standards in the development and management of land, real estate, construction and infrastructure. Our work with others provides a foundation for confident markets, pioneers better places to live and work and is a force for positive social impact.

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