

FACE TO FACE



Hong Kong Construction Conference

Building Beyond Boundaries - Transformation for Smart and
Sustainable Construction

Cordis Hong Kong

10 May 2024

Course level

Advanced



Type of event

Face to face



CPD Hours

6
Formal



Included in

Ringfenced

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In the 2023 Policy Address, Chief Executive Lee Ka-Chiu unveiled an ambitious roadmap for Hong Kong's construction and buildings industry, highlighting a commitment to addressing the urgent needs for land and housing supply. The emphasis on sustainable buildings, heightened productivity, and enhanced safety practices marks a promising direction for the city's future development.

The government's steadfast focus on critical areas creates ample opportunities for driving significant advancements in both digitalization and decarbonization across various sectors. With a strong commitment to these key aspects, there is a potential for transformative changes that will positively impact the construction and buildings industry in Hong Kong.

Positioned as one of Hong Kong's premier construction events, the 3rd RICS Hong Kong Construction Conference is coming in May 2024, well-suited to showcase cutting-edge technologies aligning with the positive changes outlined in the recent Policy Address.

Join us at the event as the city gears towards a future marked by sustainable practices and heightened efficiency, this conference serves as a platform to highlight innovations that resonate with the government's vision for the industry.

Programme

Event Day



HONG
KONG

10/05/2024

Time Zone:

HKT

8.30

Registration

9.00

Conference Host address

Bon Jovi Sabug FRICS, Director of Occupier and Retail, Asia, Turner & Townsend

9.05

Welcome remarks

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

9.15

Opening address

Winnie Ho, JP, Secretary for Housing, the Government of the Hong Kong Special Administrative Region

9.25

Keynote / Updates: Hong Kong's Northern Metropolis

The Northern Metropolis is a new engine for Hong Kong's future growth, adopting an "industry-driven and infrastructure-led" approach as its key planning axle. In order to accelerate the development of the Northern Metropolitan Area, three indicators have been emphasized:

- Proposed land uses and development options will be launched for all new land developments by 2024,
- land resumption procedures will commence for all major developments by 2027, and
- formation of new development sites and completion of 40% of new flats will be completed by 2032.

In the session, we are hearing analysis of the impact of the Northern Metropolitan Area on the construction of the GBA and the challenges it faces in terms of industry positioning, land system, development mode, cross-border elements, and further cooperation mechanism with Mainland and overseas.

Vic Yau, JP, Director, Northern Metropolis Co-ordination Office, Development Bureau, the Government of the Hong Kong Special Administrative Region



Time Zone:

HKT

09.55

Leadership Talk / Enhancing Our Living Environment: Strategies and Collaborations

- Collaborative Solutions for Labor Shortages

Delve into collaborative models that effectively address the persistent challenge of labor shortages in the construction sector; Explore strategic partnerships, technology integration, and workforce optimization initiatives to enhance project continuity and success.

- Efficiency Optimization Strategies

Examine cutting-edge approaches to streamline construction processes, ensuring optimal efficiency in project execution; Discuss industry best practices, technological advancements, and project management methodologies that contribute to heightened efficiency standards.

- Safety Enhancement Measures

Prioritize construction site safety through the exploration of collaborative safety protocols, innovative technologies, and shared industry knowledge; Gain insights into collaborative initiatives that foster a culture of safety, minimizing risks and ensuring the well-being of all stakeholders.

- Cost Control Best Practices

Analyze collaborative cost control strategies designed to mitigate financial risks and enhance the fiscal sustainability of construction projects; Explore innovative financial models, procurement methods (NEC ECC Hong Kong Edition...), and collaborative frameworks that contribute to prudent resource management.

Moderator: **Dr Esther Yung MRICS, Associate Professor, The Hong Kong Polytechnic University**

Panelists:

Eric Fong MRICS, Chairman, North Asia, Global Board Director, Rider Levett Bucknall

Ir Prof. Thomas Ho, JP, Chairman, Construction Industry Council (CIC)

Kevin O'Brien FRICS, Chief Executive, Gammon Construction Limited

10.40

Break



Time Zone:

HKT

11.00

Keynote / Developer's perspective on green building iteration and construction

As sustainability takes center stage in the construction industry, developers play a pivotal role in shaping the landscape of green building practices. This topic delves into the perspectives and strategies employed by developers in navigating the iterative processes of green building, encompassing design, construction, and beyond.

In the session, you will gain a nuanced understanding of how developers approach and contribute to the evolution of green building practices, find out how developers adapt and iterate green building strategies throughout the project life cycle. Explore the challenges and opportunities developers encounter in implementing iterative processes for sustainable construction, whilst highlight case studies and examples where technology has been instrumental in enhancing sustainability in construction projects.

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

11.30

Sustainability Talk / Economic Rationale for A Carbon Neutral Future in Construction

- ESG integration throughout the project life cycle

Recognize and explore the integral role of ESG activities in fostering sustainability at every phase of the construction project life cycle. Examine industry best practices for seamlessly integrating ESG principles to enhance overall project viability and longevity.

- Green financing perspectives

Delve into the opportunities and challenges associated with green financing as a strategic mechanism for advancing sustainable construction initiatives. Explore the economic implications of embracing green financing models and their contribution to fostering a resilient and environmentally responsible future.

- Sustainability as an economic driver

Assess sustainability practices as more than ethical imperatives; understand their economic ramifications and potential for driving long-term financial success. Discuss case studies showcasing successful integration of sustainable practices that have yielded tangible economic benefits for construction projects.

- Low carbon city building

Through four major strategies: "Net zero power generation", "Energy conservation and green construction", "Green transport" and "Waste reduction", Hong Kong aims to reduce its carbon emissions by 50% by 2035 and achieve carbon neutrality by 2050. Hear the experiences and achievements of experts in the field of green construction and get inspired with suggestions for low-carbon urban development.

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Moderator: **Peggy Tang, Senior Manager, Sustainability, Hong Kong-Shenzhen Innovation and Technology Park**

Panelist:

Herman Tse, Head of Business and Professional Services, Invest Hong Kong

Ir Dr Bruce Chong, Fellow and Director, Arup

Serena Mak, Executive Director, Sustainable Finance, Institutional Banking Group, DBS Bank (Hong Kong)

Steven Au, General Manager, Project Developments, Nan Fung Group

12.20

Lunch

13.57

Welcome remarks

Conference Host - **Bon Jovi Sabug FRICS, Director of Occupier and Retail, Asia, Turner & Townsend**

14.00

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

- Breaking Barriers in Leadership - Exploring strategies to overcome the underrepresentation of women in leadership roles. Also with successful case studies of organizations that have championed gender diversity at the executive level.
- Combatting Gender Bias - Addressing implicit biases and stereotypes that hinder the professional growth of women in the construction sector.
- Cultivating Inclusive Workplace Cultures - Analyzing the current workplace culture in the construction industry and proposing initiatives to make it more inclusive. Discussing the role of organizational policies and practices in fostering diversity and inclusion.
- Work-Life Balance in Construction - Discussing the unique challenges women face in maintaining work-life balance in the construction sector.
- Mentorship Opportunities - Examining the challenges hindering career progression for female professionals. Exploring the importance of networking and mentorship for women in the construction industry. Showcasing initiatives that have successfully created supportive networks for female professionals.



Time Zone:

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Moderator: **Cynthia Ma MRICS, Senior Project Commercial Manager, MTR Corporation**

Panelist:

Ivy Lee, Managing Director, Leigh & Orange

Jill Kennedy FRICS, Director, Hong Kong, Currie & Brown

Katherine Shum MRICS, Director, North Asia, Rider Levett Bucknall

14.40

Keynote / Better by MiC

Modular Integrated Construction (MiC) is heralding a transformative approach to the world. This method stands at the forefront of design innovation, promising not only efficiency and streamlined project timelines but also a reinvention of architectural aesthetics and functionality. MiC propels the design process into a new era where precision, pre-fabrication, and modularity merge to create structures that are both sophisticated in form and exemplary in execution.

As this session unfolds, attendees will delve deep into the world of MiC, gaining insights into its strategic applications in architecture and design. It will encompass not only the technical and practical advantages but also the broader implications for the future of building in Hong Kong and beyond.

Anthony Cheung, Director and Vice President (Design) for Mainland China, Ronald Lu & Partners

15.10

Break



Time Zone:

HKT

15.30

Keynote / Construction information management - Looking into data with portfolio insights in the whole life cycle of construction projects

Embraced as a groundbreaking technology globally, Building Information Modeling (BIM) stands as a potent solution to address the escalating challenges within the construction industry. Its significance and versatile application have garnered widespread acknowledgment.

This session delves into the contemporary landscape of BIM development in Hong Kong and Mainland China, showcase learning of Kai Tak Sports Park. It meticulously highlights the prevailing challenges in the evolution of BIM+ innovations and elucidates on how BIM can usher in constructive transformations throughout the entire industry.

Ir Kelvin Ko, Project Director (Kai Tak Sports Park), Hip Hing Engineering Company Limited

16.00

Innovation Talk / Construction digitalization - moving forward to the roadmap of transforming

The paradigm shift towards construction digitalization is poised to redefine the entire life cycle of projects. This transformative journey is anticipated to reshape existing business models, unlocking enhanced income streams and value creation through newfound opportunities. At its core, digitalization is a progressive process integral to augmenting operational efficiency. In this dynamic landscape, it is imperative for industry stakeholders to remain abreast of the latest technological advancements steering the digital evolution within construction.

This session will delve into the intricate challenges arising from these transformative trends, providing a comprehensive exploration of their nuances. Moreover, it will proactively present strategic solutions tailored to navigate and harness the potential of this digital frontier.

- How can we enhance the planning, design, construction, operation, and maintenance of assets through the strategic implementation of digital solutions? Additionally, how can we establish robust mechanisms to foster seamless integration across platforms for optimal efficiency and effectiveness?
- Uncover the strategic implications and applications of digital twin technology in construction projects and discuss how digital twin strategies contribute to project efficiency and performance.



Time Zone:

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- Examine the funding scope of the Construction Innovation and Technology Fund, and analyze how CITF support will contribute to the evolution of ConTech.
- Coupled with the proliferation of Artificial Intelligence (AI) and Machine Learning (ML), it has ushered in a paradigm shift, presenting both new challenges and evolving requirements within the internal and external environments. How would the role of the quantity surveyor revolute under the advent of digitalization? How can the surveying profession strategically enhance its contribution to the construction industry amid the technological advancements and Construction 2.0?

Moderator: **Charlye Cheng, Head of Business Development - Varadise Limited**

Panelists:

Anita Ho, Director for Major Projects & Pursuits - Asia, Aurecon

George YY Wong , Head of Digital, Asia, Mott MacDonald

Prof Wilson Lu, Chair Professor (Digital Construction), Head of the Department of Real Estate and Construction, Faculty of Architecture, the University of Hong Kong (HKU)

Raymond Kwok, General Manager - Environmental Science, Chinachem Group

16.50

Closing address

Bon Jovi Sabug FRICS, Director of Occupier and Retail, Asia, Turner & Townsend

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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