

*\*\*The following information is subject to change as the details evolve.\*\**

## Climate Change Session

### **Presentation 1: From Climate Science to Resilient Built Environment for Communities**

*Speaker: Prof Alexis LAU, Head and Chair Professor, Division of Environment and Sustainability, HKUST*

#### About the Presentation:

In his presentation, Prof Alexis Lau will provide an overview of the latest climate science and data pertinent to the built environment. He will highlight how evolving climate projections and risk assessments are crucial in shaping effective design strategies that enhance resilience against climate impacts. By translating complex scientific findings into practical applications, he will demonstrate how architects and planners can develop innovative solutions that address both current and future challenges. Prof Lau will showcase compelling case studies of community-centric, climate-resilient projects that exemplify successful integration of climate considerations into design and planning processes. These real-world examples will illustrate how communities can thrive in the face of climate change through thoughtful infrastructure and design. Additionally, he will discuss the importance of bridging the gap between scientific insights and tangible built environment solutions, emphasising the need for collaboration among scientists, designers, and policymakers. This session promises to offer valuable insights into how stakeholders can work together to create sustainable, resilient environments that prioritize community well-being. Attendees will leave with a deeper understanding of the vital role that climate science plays in shaping our built environment and the actionable strategies that can be employed to ensure a sustainable future.

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### **Presentation 2: Weathering the storm – Operating a Climate-resilient Airport**

*Speaker: Mr Peter C T LEE, General Manager, Sustainability, Airport Authority Hong Kong*

#### About the Presentation:

In his presentation, Mr Peter Lee will provide an in-depth overview of the climate-resilient features and strategic plans implemented at Hong Kong International Airport. He will discuss how the airport has adapted to the challenges posed by climate change, highlighting innovative infrastructure and operational strategies designed to withstand adverse weather events. Mr Lee will present practical solutions tailored to meet the diverse needs of all airport users, including local and overseas tourists, employees, ground staff, and surrounding communities, ensuring that services remain uninterrupted during climate-related disruptions. Drawing from real-world experiences, he will share valuable lessons learned and identify potential opportunities for enhancing resilience in airport operations. Furthermore, the presentation will explore insights on integrating climate resilience with human-centric design in future airport developments and other infrastructure projects. By focusing on user experience and community engagement, the speaker will illustrate how thoughtful design can enhance both functionality and sustainability. This session promises to inspire stakeholders across various sectors to consider the importance of climate resilience in their planning and operations. Attendees will gain a comprehensive understanding of how a climate-resilient airport can not only weather the storm but also serve as a model for sustainable infrastructure development.

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### **Presentation 3: Human-centric Design and Adaptation for a Climate Resilient Built Environment**

*Speaker: Prof Khee-poh LAM, Provost's Chair Professor of Architecture and the Built Environment, National University of Singapore*

#### About the Presentation:

In his presentation, Prof Lam Khee-poh will delve into the essential principles of climate adaptation and the strategies necessary for fostering resilient communities. He will outline how human-centric design prioritizes the needs of individuals while addressing the broader challenges posed by climate change. Through compelling case studies from Singapore and other regional examples, he will illustrate successful implementations of these principles in real-world settings, showcasing innovative solutions that enhance community resilience. Prof Lam will also focus on strategies specifically aimed at addressing the needs of marginalised and vulnerable populations, emphasising the importance of inclusivity in climate adaptation efforts. Additionally, he will discuss the major support, including funding and resources, required to sustain these critical projects over time. By highlighting the scalability and replicability of human-centric design approaches, he will inspire attendees to consider how these strategies can be adapted and applied in diverse contexts. This session aims to equip stakeholders with actionable insights and encourage collaboration across sectors to build a more resilient built environment. Participants will leave with a deeper understanding of how thoughtful design can empower communities and effectively respond to climate challenges.

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### **Presentation 4: Latest Technology for a Climate Resilient Built Environment in the Greater Bay Area**

*Speaker: Mr Shao-xiang CHEN, Party Secretary, Chairman of Guangdong Provincial Academy of Building Research Group Co., Ltd.; Chairman, the Guangdong-Hong Kong-Macao Greater Bay Area (the GBA) Building Technology Alliance*

#### About the Presentation (in Mandarin):

In his presentation, Mr Chen Shao-xiang will introduce a range of emerging climate-resilience technologies that are currently being researched and applied within the Greater Bay Area. He will provide insights into innovative solutions designed to enhance the sustainability and resilience of built environments, focusing on how these technologies can mitigate the impacts of climate change. Additionally, Mr Chen will discuss the barriers to and enablers of inclusive technology adoption in the Greater Bay Area, highlighting the challenges that stakeholders face in integrating these advancements into existing frameworks. He will emphasise the importance of addressing these barriers to ensure that all communities can benefit from technological innovations. Furthermore, the presentation will offer an outlook on the potential for cross-border collaborations in the Greater Bay Area, showcasing how cooperation among different jurisdictions can facilitate the sharing of knowledge, resources, and best practices. By fostering such partnerships, the region can accelerate the adoption of climate-resilient technologies and create a more sustainable future. Attendees will gain valuable perspectives on the intersection of technology and sustainability, inspiring them to explore how they can contribute to building resilient communities in their own contexts.

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### **Panel Discussion 1: Pathways to a Climate-resilient and Inclusive Built Environment**

#### *Speakers:*

- *Mr Shao-xiang CHEN, Party Secretary, Chairman of Guangdong Provincial Academy of Building Research Group Co., Ltd.; Chairman, the Guangdong-Hong Kong-Macao Greater Bay Area (the GBA) Building Technology Alliance*
- *Mr CHONG Chan-yau, Co-founder and Chief Executive Officer, CarbonCare Innolab*
- *Prof Khee-poh LAM, Provost's Chair Professor of Architecture and the Built Environment, National University of Singapore*

# Chinachem Group Sustainability Conference 2024

Organiser:



Co-organisers:



- *Prof Alexis LAU, Head and Chair Professor, Division of Environment and Sustainability, The Hong Kong University of Science and Technology*
- *Mr Peter C T LEE, General Manager, Sustainability, Airport Authority Hong Kong*

*Moderator: Prof Thomas CHUNG, Associate Professor of Architecture, School of Architecture, The Chinese University of Hong Kong*

## About the Discussion:

In this panel discussion, the moderator and the speakers will delve into the critical interdependence of climate resilience, technological innovation, and community inclusivity. They will explore the challenges and success factors associated with developing built environments that are not only resilient to climate change but also accessible and beneficial for all community members. The panelists will outline the diverse roles and responsibilities of various stakeholders, including policymakers, developers, designers, academia, and community members, emphasising the importance of collaboration and shared vision in achieving these goals. Additionally, the discussion will address essential financing mechanisms and policy incentives that can support relevant projects and developments, providing a roadmap for sustainable investment in infrastructure. By sharing best practices from different contexts, the speakers will offer valuable insights and lessons learned that can be applied to future initiatives. This session aims to foster a rich dialogue among participants, encouraging them to consider innovative approaches and collaborative strategies for creating a built environment that is both climate-resilient and inclusive. Attendees will leave equipped with practical knowledge and inspiration to drive meaningful change in their own communities.

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## Panel Discussion 2: Disruptive Ideas from Young Visionaries for Driving Positive Change

### Speakers:

- *Ms Rosie CHAN, Founder & CEO, JAPJAP Zero Waste Limited*
- *Dr Simson WU, CEO and Co-Founder, Oxford Green Innotech*
- *Mr Shangchen ZHANG, Co-chair, COP27 Global Alliance of Universities on Climate COP27 Youth Delegation; Co-Founder, Student Association on Net-zero Future, Tsinghua University*
- *Dr Martin ZHU, Co-founder, i2Cool Limited*

*Moderator: Ms Olivia TO, Senior Vice President (Sustainability) Technology, Innovation and Entrepreneurship, Invest Hong Kong*

## About the Discussion:

In this panel discussion, the speakers will present their innovative solutions and initiatives aimed at addressing pressing sustainability challenges. Prior to the discussion, each speaker will make a short introduction, showcasing their unique approaches and the potential impacts of their ideas. The panel will delve into the key challenges faced in developing and implementing these initiatives, offering insights into the obstacles young changemakers encounter. A significant focus will be placed on the importance of engaging stakeholders and empowering communities throughout the process, highlighting successful strategies for fostering collaboration and support. Panelists will share valuable lessons learned from their experiences, providing guidance for other aspiring young leaders in their sustainability journeys. Additionally, the discussion will address the critical support needed from established organisations, corporations, and policymakers to bolster youth-led initiatives, emphasising the importance of mentorship and resources. Finally, the speakers will offer practical advice for fellow young visionaries, encouraging them to pursue their passions and drive meaningful change in their communities. This session promises to inspire attendees with fresh perspectives and actionable insights, fostering a vibrant dialogue among emerging leaders in sustainability.

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## Sustainable Financing Session

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### Integrating Climate Action, Sustainable Financing, and Impact Investment for a Resilient Future

*Speaker: Mr Simon NG, Chief Executive Officer, Business Environment Council*

#### About the Speech:

In his short speech, Mr Simon Ng will explore the vital interconnections among climate action, sustainable financing, and impact investment. He will concisely explain how effective climate action cannot occur in isolation and must be supported by robust sustainable financing and impactful investment strategies. By illustrating the synergies between these areas, he will highlight how integrating them can create comprehensive solutions that address environmental challenges while promoting social equity. Mr Ng will discuss the importance of aligning financial resources with climate goals, showcasing examples of successful initiatives that exemplify this integration. He will also emphasise the necessity of a collaborative approach, urging stakeholders from various sectors to work together to drive systemic change. Ultimately, the speech will inspire attendees to recognise their role in fostering a resilient future through the combined power of climate action, sustainable financing, and impact investment.

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### Panel Discussion 3: Financing Retrofits of Buildings at Scale for Sustainability and Resilience

#### Speakers:

- *Mr Eric HUI, Chief Executive Officer, Zurich Insurance (Hong Kong); Chairman, Zurich General Insurance Company (China)*
- *Ms Valerie KWAN, Director, Stewardship & Corporate Engagement, Asia Investor Group on Climate Change*
- *Ms Elaine NG, Associate Director, International Affairs & Sustainable Finance, Securities and Futures Commission*
- *Ms Tracy WONG HARRIS, Executive Vice President, Hong Kong Green Finance Association*

*Moderator: Ms Christine LOH, SBS, JP, OBE, Chief Development Strategist, Institute for the Environment and Division of Environment and Sustainability, HKUST*

#### About the Discussion:

In this panel discussion, the moderator and the speaker will delve into critical themes surrounding climate adaptation and the urgent need to address resilience gaps, particularly in vulnerable communities. They will highlight the interconnections between climate resilience and social inequities, underscoring how marginalised populations often bear the brunt of climate impacts. The panelists will share innovative strategies for leveraging sustainable financing to enhance both climate resilience and social impact, exploring how financial instruments can be tailored to support retrofitting initiatives that benefit communities at risk. Practical solutions will be a key focus, with discussions on innovative insurance products and services, as well as cross-sector collaborations that can effectively overcome the challenges associated with scaling sustainable financing models. By providing real-world examples and actionable insights, the speakers aim to inspire attendees to think creatively about financing approaches that foster sustainability and resilience. This session promises to equip participants with valuable knowledge and strategies that can be applied in their own contexts, encouraging a collective effort to retrofit buildings and infrastructures for a more sustainable future.

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## Impact Investment Session

### **Presentation 5: Integral – Esquel’s Sustainable Development Garden in Perfect Harmony with Nature**

*Speaker: Ms Bessie CHONG, Director, Partnership Development, Esquel Group*

#### About the Presentation:

In her presentation, Ms Bessie Chong will share the visionary goals of Esquel Group’s project in Guilin. She will discuss how this initiative embodies a commitment to integrating innovation, quality employment, culture, and environmental sustainability within the textile and apparel industry. By showcasing practical examples, she will illustrate how business development can thrive alongside nature, emphasising a harmonious and symbiotic relationship that benefits both the environment and the economy. Ms Chong will also highlight the crucial role of community engagement and stakeholder collaboration in the design and implementation of this project, demonstrating how inclusive practices can enhance sustainability efforts. Attendees will learn about the measurable impacts of the Sustainable Development Garden, including advancements in environmental conservation, improvements in social well-being, and contributions to local economic development. This session will provide valuable insights for businesses and organisations seeking to adopt sustainable practices while fostering community resilience, and participants will discover how Esquel’s innovative approach can serve as a model for sustainable development in various sectors.

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### **Presentation 6: Building a Purpose-driven Brand with Investment in People and Planet**

*Speaker: Ms Venisa CHU, Regional Sustainability Director - APAC, L’Occitane Group*

#### About the Presentation:

In her presentation, Ms Venisa Chu will explore L’Occitane Group’s innovative approach to sustainable operations and impact investment. She will discuss how the company aligns its business strategies with the needs of local communities and the environment, emphasising the importance of creating a brand that not only delivers products but also contributes positively to society. Ms Chu will highlight L’Occitane’s commitment to investing in employee well-being, skill development, and inclusive growth, demonstrating how these initiatives empower individuals and foster a productive workforce. Through compelling case studies, she will showcase examples of how the company integrates environmental sustainability and social considerations into its business operations, illustrating the tangible impacts of these efforts. Attendees will gain insights into the practical steps that companies and organisations can take to build purpose-driven brands that resonate with consumers and stakeholders alike. This session promises to inspire participants to rethink their own business practices and consider the broader implications of their operations on both people and the planet.

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### **Panel Discussion 4: Sustainable Impact Investment Strategies towards a Resilient Future**

#### Speakers:

- *Mr Michael AU, Founding Managing Director, District Capital; Chairman, Toniic*
- *Ms Bessie CHONG, Director, Partnership Development, Esquel Group*
- *Ms Venisa CHU, Regional Sustainability Director - APAC, L’Occitane Group*

*Moderator: Ms Natalie CHAN, Managing Director & Principal Sustainability Consultant, PIE Strategy Limited*

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Organiser:



Co-organisers:



## About the Discussion:

In this panel discussion, the moderator and the speakers will address the critical challenges in aligning climate resilience with social investment priorities. They will explore innovative investment models designed to simultaneously meet environmental and social needs, illustrating how these approaches can create holistic benefits for communities. A key focus will be on the measurement and reporting of the multi-dimensional impacts generated by impact investment initiatives, emphasising the importance of transparent metrics that capture both social and environmental outcomes. The panelists will share effective strategies for scaling up these initiatives to enhance climate and social resilience, providing actionable insights that participants can implement in their own contexts. Additionally, the discussion will highlight the vital role of collaboration between public and private sectors in driving systemic change, showcasing successful partnerships that have led to transformative outcomes. By fostering dialogue among diverse stakeholders, the session aims to inspire attendees to consider their roles in advancing sustainable impact investment strategies.

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## A Three-way Dialogue: Catalysing Systematic Change through Cross-sector Collaborations for a Resilient Future

### Speakers:

- *Dr Tin-cheung CHEUNG, SBS, Chairman, Hong Kong Green Building Council*
- *Dr The Honourable Ching-choi LAM, SBS, JP, Chairman, Council for Carbon Neutrality and Sustainable Development*
- *Mr Simon NG, Chief Executive Officer, Business Environment Council*

### About the Dialogue:

In this three-way Dialogue as a closing panel session of the Conference, the speakers will summarise the key discussion points from the full-day Conference, encapsulating the insights shared across various sessions. They will emphasise the critical importance of aligning the three themes of climate change, sustainable financing, and impact investment, illustrating how these interconnected areas can drive comprehensive solutions to today's pressing challenges. The panelists will highlight the significance of cross-sector and cross-border collaborations, showcasing successful partnerships that have effectively addressed sustainability issues and fostered resilience. By bringing together diverse stakeholders—from government entities to private organisations and civil society—the discussion will provide a platform for exploring innovative approaches that leverage collective expertise and resources. Furthermore, the speakers will outline actionable strategies for driving systematic change in Hong Kong, emphasising the need for cohesive efforts that engage all sectors of society. Attendees will gain valuable perspectives on how to contribute to a resilient future, encouraging them to participate in ongoing dialogues and initiatives. This session promises to inspire and mobilise individuals and organisations alike to take meaningful action in building a sustainable and equitable world.

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