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Eco Asia Conference 亞洲環保會議 2025

28 – 30 / 10 / 2025

Revolutionising with Circular Economy: From Waste to Innovative Solutions

循環經濟：革新與創新解決方案

Explore the transformative power of the circular economy across various sectors, where waste is reimagined as a resource. Delve into the critical issue of waste, discovering how sustainable practices can mitigate its impact and promote responsible recycling. Learn how cutting-edge technologies are enabling circularity, driving innovation, and paving the way for a sustainable future.

Date 日期：	28 / 10 / 2025 (Tuesday) 2025 年 10 月 28 日 (星期二)
Time 時間：	2:30pm – 4:15pm 下午 2 時 30 分至 4 時 15 分
Venue 地點：	the STAGE, Hall 6, AsiaWorld-Expo 亞洲國際博覽館六號展館
Lead Partner 合作伙伴：	Business Environment Council 商界環保協會 
Language 語言：	English (with simultaneous interpretation in Cantonese and Mandarin) 英語 (現場設有廣東話及普通話即時傳譯)
Programme 活動流程：	<u>2:30pm – 2:45pm</u> Launch Ceremony of the “Hong Kong Circular Built Environment Guidebook” 《香港循環建築環境指南》發佈儀式 <u>2:45pm – 3:30pm</u> Re-inventing Business Operations with a Circular Approach 循環經濟模式下的商業運營新篇章 <u>3:30pm – 4:15pm</u> Circular Practices in Hong Kong’s Built Environment 香港循環建築環境實踐分享

Subject to change, updated as of 21 October 2025

Event Programme 活動流程

2:30pm – 2:45pm

Launch Ceremony of the “Hong Kong Circular Built Environment Guidebook”

《香港循環建築環境指南》啟動儀式

This session marks the official launch of the Hong Kong Circular Built Environment Guidebook, co-developed by Business Environment Council (“BEC”), Hong Kong Green Building Council (“HKGBC”), and Construction Industry Council (“CIC”).

The Guidebook advances the shift to a circular built environment, by viewing buildings as part of an ongoing cycle of material use. Drawing on the World Green Building Council’s Circular Built Environment Playbook, it adapts global principles for Hong Kong and showcases 20+ local case studies across materials, design and retrofit, nature regeneration, and systemic enablers, offering practical models for replication.

2:45pm – 3:30pm Re-inventing Business Operations with a Circular Approach

循環經濟模式下的商業運營新篇章

Hong Kong’s transition to a low-carbon, resource-efficient economy demands a fundamental rethink of how businesses design, procure, operate, and recover materials. Today, linear “take-make-dispose” models drive waste, emissions, and rising costs across value chains. By contrast, circular approaches, designed for durability, reuse, repair, refurbishment, and high-value recycling, can reduce environmental impacts, strengthen operational resilience, and unlock new revenue and business models.

This session will examine the real-world challenges businesses face in embedding circularity into corporate operations and their solutions, and explore an innovative “service as a product” model to assess its financial and operational impacts versus traditional product sales. We will conclude with a discussion of concrete policy enablers that can accelerate the transition and help businesses adopt and scale circular business models.

- **Mr Martin PUTNAM**

Senior Manager, Biodiversity, Sustainability 可持續發展高級經理

Airport Authority Hong Kong 香港機場管理局

- **Ir Michael LEUNG** 梁瀚恩工程師

General Manager

Hilti (Hong Kong) Limited

喜利得(香港)有限公司 總經理

- **Mr Robert DIJKSTERHUIS**

Dutch Envoy for Sustainable Building

- **(Moderator) Mr Merlin LAO** 劉敏智先生

Head – Policy & Research

Business Environment Council 商界環保協會政策及研究主管

3:15pm – 4:00pm

Circular Practices in Hong Kong's Built Environment

香港循環建築環境實踐分享

As Hong Kong pursues its 2050 carbon neutrality goal, the built environment plays a crucial role. In a high-density city like Hong Kong, the way we design, construct, operate, and eventually decommission buildings and infrastructure has a significant impact on sustainability outcomes. Globally, buildings and infrastructure consume nearly half of all extracted raw materials; locally, Hong Kong generated 45,560 tonnes of construction waste per day in 2023, with limited direct reuse. With land constraints and decarbonisation pressures mounting, adopting circular design in the built environment is essential.

This panel brings together pioneers in Hong Kong to showcase applied circular design and its outcomes, while distilling actionable insights for industry and policy audiences.

- **Ar Dr Tony IP** 葉頌文博士建築師
Director & Convenor of Material Circularity Task Force,
Hong Kong Green Building Council 香港綠色建築議會
&
Founder, Tony Ip Green Architects Limited 葉頌文環保建築師事務所創辦人
- **Mr MK LEUNG** 梁文傑先生
Member, Committee on Environmental and Sustainability, Construction Industry Council
建造業議會環境及可持續發展專責委員會成員
&
Director of Sustainable Design, Ronald Lu and Partners
呂元祥建築師事務所環保設計總監
- **Mr Eddie TSE** 謝志軒先生
Group Sustainability Manager, Gammon Construction Limited
金門建築集團可持續發展經理
- **Dr Amie LAI** 黎戈博士
General Manager, Sustainability, Great Eagle Holdings Limited
鷹君集團可持續發展總經理
- **Mr Patrick HO** 何浩賢先生
Head of Sustainable Development, Swire Properties
太古地產有限公司 可持續發展總監
- **(Moderator) Mr Simon NG** 吳家穎先生
CEO, Business Environment Council
商界環保協會行政總裁

Re-inventing Business Operations with a Circular Approach



Mr Martin PUTNAM

Senior Manager, Biodiversity, Sustainability, Airport Authority Hong Kong

Martin has over 30 years' experience developing and driving sustainability programmes, primarily in Hong Kong and with a focus on the aviation sector.

A key work area in recent years has been waste management planning for the expanded three-runway system airport operation, against the backdrop of the Government's ambitious "Waste Blueprint for Hong Kong 2035". The Airport Authority has a recyclables recovery target for 2025 yet has the challenging task of handling wastes generated mainly by hundreds of upstream tenants and from arriving aircraft at HKIA. Achieving the target is heavily reliant on upstream recyclables separation, with wide-ranging efforts focusing on partnering tenants and cleaning contractors on recyclables recovery / waste reduction.

Martin's work extends to a variety of other sustainability aspect areas, including development and implementation of far-reaching biodiversity-related mitigation and enhancement commitments around HKIA as well as management and oversight of AAHK's Marine Ecology Enhancement and Fisheries Enhancement Funds, providing monetary support for a variety of marine ecology and fisheries research / enhancement projects in Hong Kong waters every year. Martin has previously led the design and roll out of an airport-wide carbon footprint and emissions reduction programme at HKIA and was pivotal in establishing a partnering and engagement approach across the whole airport business community that continues to leverage a collectively reduced environmental footprint from airport development and operation.



Ir Michael LEUNG

General Manager, Hilti (Hong Kong) Limited

Experienced Managing Director with a demonstrated history of working in the construction industry in Australia, Hong Kong, Macau and mainland China. Skilled in Sales, Engineering, Construction Technology, Customer Relationship Management (CRM), and Account Management. Strong business development professional graduated from Ivey Business School at Western University, Imperial College London and HKUST. Before joining Hilti, Michael is a chartered structural engineer who involved in commercial, educational and infrastructure projects.



Mr Robert DIJKSTERHUIS
Dutch Envoy for Sustainable Building

Robert Dijksterhuis is the Dutch Envoy for Sustainable Building, a position created in 2020 after the presentation of the European Green Deal, the ambition to make Europe a climate neutral and sustainable continent in 2050. His focus is on the interaction between the plans of the European Commission on the Green Deal and the Dutch climate policy with regards to the built environment. Previously he was managing the Spatial Policy department at the Ministry of the Interior and Kingdom Relations, where he was among other responsible for urbanization policy, smart cities, finding space for the energy transition and territorial cohesion. Before joining this ministry he was the director for International Development at the Netherlands Enterprise Agency. He started his career in 1991 at the Ministry of Foreign Affairs, where he held a number of positions, ranging from urban poverty reduction to promoting international entrepreneurship and business development and to international gender policy.



(Moderator) Mr Merlin LAO
Head – Policy & Research, Business Environment Council

Mr Merlin Lao is the Head - Policy & Research at Building Environment Council Limited (BEC). He is leading a team to share clear policy positions on pressing climate and environmental topics in Hong Kong, through research on latest domestic and international trends, engaging with the Hong Kong SAR Government and connecting insights of the local business sector. He is keen on net-zero transition that not only looks at decarbonisation, but also a more equal and liveable built environment.

Mr Lao is a programme management professional with multiple years of climate change and environment career experience across private, public and non-profit sectors in East Asia, with major exposure in Mainland China, Hong Kong, Macao and South Korea. Prior to joining BEC, he was the senior programme manager at an international non-governmental organisation driving sustainable cities agenda in China, Japan, Mongolia and South Korea, covering topics of air quality, low-emission development, urban resilience, circular economy and nature-based solutions. He also led the environmental protection planning at the Macao Environmental Protection Bureau and worked in a technical consultancy dedicated in carbon accounting and management in his earlier career.

Circular Design Insight of Built Environment



Ar Dr Tony IP
Director & Convenor of Material Circularity Task Force,
Hong Kong Green Building Council, and
Founder, Tony Ip Green Architects Limited

Ar. Dr. Tony Ip, Director of Hong Kong Green Building Council, is a community-centric, sustainable design architect, and urban designer. He is the founder of Tony Ip Green Architects Ltd, Vice Chairman of Professional Green Building Council and Director of Zero Carbon Building. He also contributes his expertise to Town Planning Board, Environment and Conservation Fund Committee, Lantau Conservation Fund Advisory Committee, and Community Involvement Committee on Greening of HKSAR. He holds bachelor's and master's degrees in engineering, architecture, and urban design from the University of Hong Kong, Queensland University of Technology and University of Cambridge, along with a PhD from the Hong Kong Polytechnic University. Tony received the HKSAR Medal of Honour in 2022 and the Ten Outstanding Young Persons Award in 2016.



Mr MK LEUNG
Member, Committee on Environmental and Sustainability, Construction Industry Council, and
Director of Sustainable Design, Ronald Lu and Partners

MK Leung is Director of Sustainable Design of Ronald Lu & Partners (RLP Asia), and Principal Behaviourist of RLP Asia's insight partner, Behave. His team has delivered numerous high-profile projects, including CIC - Zero Carbon Park, a vertical campus for THEi, Treehouse – the firm's winning entry in the inaugural Advancing Net Zero Ideas Competition, and many consultancy studies on low-energy residential building design, infrastructure design and construction under extreme temperatures, sponge city design, and others.

MK was awarded the Laureate for the SIA-Uniseal G-Architect by the Singapore Institute of Architects in 2014. He has been recognised around the world for his specialised knowledge and integrated skills in sustainable, net-zero building design projects. He served as a Director of the Hong Kong Green Building Council (HKGBC) from 2016 to 2021, as well as the Chairman of the HKGBC's Sustainable Development Committee in 2020 and 2021.



Mr Eddie TSE
Group Sustainability Manager, Gammon Construction Limited

Eddie has more than 28 years' experience in construction and environmental field and specializes in sediment and land contamination assessment and remediation, carbon/energy management, renewable energy projects and waste/asbestos management. He has been involved in a number of infrastructure and building projects such as road and drainage, site formation and land decontamination, railway, power plant emission control facility, tunnel and rock cavern and Central Government Complex.

Eddie is the vice chairman of Environment Committee, Hong Kong Construction Association and member of Climate Change Business Forum of the Business Environment Council. He is a co-opted member of the Sustainable Development Committee, Climate Change Framework for Built Environment Embodied Carbon Expert Group member of the Hong Kong Green Building Council. He is appointed by BEAM Society to be member of Materials Aspects and Construction Environmental Management Expert Panels and by EPD to be member of Asbestos Administration Committee. Eddie is also an Advisory Board member of Hong Kong University of Science and Technology Green Finance Research Project, and a member of CARES Assured Steel Certification Sustainability Technical Committee.

Eddie graduated in Chemical Engineering from the University of British Columbia in Canada, and has a Master of Science degree in Environmental Engineering from The Hong Kong Polytechnic University. Eddie is a Fellow member of the Hong Kong Institute of Qualified Environmental Professionals, Certified Carbon Auditor under the CIC Green Product Certification Scheme, Certified Energy Manager/Carbon Audit Professional of US Association of Energy Engineer and a Qualified Project Assessor of UK BREEAM Infrastructure. He is a Certified ESG Analyst CESGA® of The European Federation of Financial Analysts Societies.



Dr Amie LAI
General Manager, Sustainability, Great Eagle Holdings Limited

Dr Amie Lai, General Manager, Sustainability at Great Eagle, leads the design and implementation of long-term decarbonisation and net zero road map, climate and sustainability strategies for the Group's global operations. By engaging stakeholders, setting targets, and developing corresponding action plans, Dr Amie Lai leads a team that manages the full spectrum of the Group's environmental, social, and economic impacts. She strives to further ingrain sustainability into Great Eagle's corporate culture and business practices.



Mr Patrick HO
Head of Sustainable Development, Swire Properties

Mr Patrick Ho is responsible for formulating and executing a corporate sustainability strategy for Swire Properties' global operations across Hong Kong, Chinese Mainland and U.S.A. portfolios. Through engaging stakeholders, setting targets and developing action plans, he leads a team to manage the full spectrum of the Company's environmental, social and economic impact and to integrate ESG considerations into every facet of Swire Properties' business. Patrick is a Board of Director of Business Environment Council, and the Chair for the Nature & Biodiversity Advisory Group. He sits on the Corporate Advisory Board of World Green Building Council, and is a Member to the Taskforce on Nature-related Financial Disclosures (TNFD) and Science Based Targets initiative (SBTi) Expert Advisory Group for Building Sector. Patrick is a Chartered Environmentalist, a Chartered Member of the Chartered Institution of Water and Environmental Management (CIWEM) and a Certified Carbon Audit Professional.



(Moderator) Mr Simon NG
CEO, Business Environment Council

Mr Simon NG is Chief Executive Officer of Business Environment Council. He works closely with BEC Board of Directors in setting and implementing organisation goals and strategies conducive to supporting BEC members and the wider business community in the transition towards net-zero economy and a sustainable Hong Kong. Mr NG runs BEC's daily operations, leads BEC's policy contributions, and ensures BEC's continuing relevance in bringing and creating value to its stakeholders and the community at large. He is also the Vice-Chair of BEC's four Advisory Groups.

Mr NG has over 25 years of experience in academic and policy research, project management and stakeholder engagement. In particular, Mr NG is known for his ground-breaking work on ship emissions inventory and evidence-based control policy in Hong Kong and the Pearl River Delta, and his instrumental role in the Fair Winds Charter – a voluntary business initiative to reduce ship emissions. Before taking the CEO position, Mr NG was BEC's Director of Policy & Research for 3 years. Prior to joining BEC, he was Chief Research Officer of a Hong Kong based think tank, and held teaching and research positions in several local universities. Currently, Mr NG is a Member of the Advisory Council on the Environment of the Hong Kong SAR Government, and represents BEC in the Harbourfront Commission. Internationally, Mr NG is an Expert Member of the UNCRD Regional Environmentally Sustainable Transport Forum in Asia since 2006.