

# Chinachem Group Sustainability Conference 2023

Pioneering an Inclusive Net-Zero Future for Hong Kong

13 November 2023 (Monday)

9:30am – 5:00pm

Nina Ballroom, 7/F, Nina Hotel Tsuen Wan West, 8 Yeung Uk Rd, Tsuen Wan | Online



Organiser



Co-organiser





**Guest of Honour**

**Ms Bernadette LINN, JP**  
Secretary for Development of the Hong Kong  
Special Administrative Region

**Speakers & Panelists**

**Morning Session**

**Afternoon Session**



**Ms Audrey NUGENT**  
Director of Global Advocacy  
World Green Building Council



**Mr WONG Chuen-fai, JP**  
Commissioner for Climate Change  
Environment and Ecology Bureau  
The Government of the HKSAR



**Ms Kimberly Lewis INKUMSAH**  
Executive Vice President  
Equity, Engagement and Events, IWBI  
(International WELL Building Institute)



**Ar. Donald CHOI, JP**  
Executive Director and  
Chief Executive Officer  
Chinachem Group



**Mr Ken CHIU**  
Head of Carbon & ESG Products  
Hong Kong Exchanges and  
Clearing Limited



**Ms Carly LEUNG**  
Development Director, V'air



**Dr WEI Qing-peng**  
Deputy Director  
Building Energy Research Center  
Tsinghua University



**Mr Lee SAUERWALD**  
Executive Director  
Corporate Services  
Uniting Communities Incorporated



**Ms Jasmine SIU**  
Committee  
Hong Kong Youth for Climate Action



**Ir Mr Michael FONG Hok-shing, JP**  
Director of Civil Engineering and  
Development  
The Government of the HKSAR



**Dr Edward LEUNG Man-fuk**  
President  
Hong Kong Association of Gerontology



**Dr CHEUNG Tin-cheung, SBS**  
Chairman  
Hong Kong Green Building Council



**Ir Dr Conrad WONG, BBS, JP**  
Vice Chairman  
Yau Lee Holdings Limited



**Professor Christine LOH, SBS, JP**  
Chief Development Strategist, Institute for the Environment  
Hong Kong University of Science and Technology

**Moderators**



**Professor WONG Kam-sing, GBS, JP**  
Chairman, Wu Zhi Qiao (Bridge to China)  
Charitable Foundation

# Programme

## Morning Session

Time	Programme Rundown
9:00am	Registration starts
9:30am – 9:40am	<b>Welcome Speech</b> Ar. Donald CHOI, JP, Executive Director and Chief Executive Officer, Chinachem Group
9:40am – 9:50am	<b>Opening Remarks</b> Ms Bernadette LINN, JP, Secretary for Development of the Hong Kong Special Administrative Region
9:50am – 10:00am	<b>Group Photo Session</b>
10:00am – 10:20am	<b>How Policy can Drive Transformative Change in the Built Environment</b> Ms Audrey NUGENT, Director of Global Advocacy, World Green Building Council
10:20am – 10:40am	<b>Promoting Sustainable Development Striving Towards Carbon Neutrality</b> Mr WONG Chuen-fai, JP, Commissioner for Climate Change, Environment and Ecology Bureau, The Government of the HKSAR
10:40am – 11:00am	<b>A Deep-dive into Hong Kong's International Carbon Market and Sustainability Journey</b> Mr Ken CHIU, Head of Carbon & ESG Products, Hong Kong Exchanges and Clearing Limited
11:00am – 11:20am	<i>Break</i>
11:20am – 11:30am	<b>Young Voices for the Planet and our City</b> Ms Carly LEUNG, Development Director, V'air Ms Jasmine SIU, Committee, Hong Kong Youth for Climate Action
11:30am – 11:50am	<b>Sustainability Planning of Hong Kong Northern Metropolis and Kau Yi Chau Artificial Islands</b> Ir Mr Michael FONG Hok-shing, JP, Director of Civil Engineering and Development, The Government of the HKSAR
11:50am – 12:10pm	<b>Latest Technology to Safeguard the Wellness of Workers and the Occupants - Construction Industry with Robotics &amp; Artificial Intelligence</b> Ir Dr Conrad WONG, BBS, JP, Vice Chairman, Yau Lee Holdings Limited
12:10pm – 12:40pm	<b>Panel Discussion</b> Moderator: Professor Christine LOH, SBS, JP, Chief Development Strategist, Institute for the Environment, Hong Kong University of Science and Technology
12:45pm – 2:15pm	<i>Lunch Break</i>

## Afternoon Session

Time	Programme Rundown
1:45pm	PM Session Registration starts
2:15pm – 2:35pm	<b>Equity in the Built Environment</b> Ms Kimberly Lewis INKUMSAH, Executive Vice President, Equity, Engagement and Events, IWBI (International WELL Building Institute)
2:35pm – 2:55pm	<b>Harnessing the Power of Partnership: Tenants, Customers and Stakeholders</b> Ar. Donald CHOI, JP, Executive Director and Chief Executive Officer, Chinachem Group
2:55pm – 3:15pm	<b>Retro-commissioning and Retrofitting for Energy Efficiency and Carbon Reduction of Existing Buildings – Latest Trend and Green Technologies</b> Dr WEI Qing-peng, Deputy Director, Building Energy Research Center, Tsinghua University
3:15pm – 3:35pm	<i>Break</i>
3:35pm – 3:55pm	<b>Uniting Communities - U City - Creating a Sustainable, Inclusive and Thriving Community</b> Mr Lee SAUERWALD, Executive Director, Corporate Services, Uniting Communities Incorporated
3:55pm – 4:15pm	<b>Role of Facilities Management in Fostering an Aged Friendly Living Environment in an Ageing Society</b> Dr Edward LEUNG Man-fuk, President, Hong Kong Association of Gerontology
4:15pm – 4:45pm	<b>Panel Discussion</b> Moderator: Professor WONG Kam-sing, GBS, JP, Chairman, Wu Zhi Qiao (Bridge to China) Charitable Foundation
4:45pm – 4:55pm	<b>Closing Remarks</b> Dr CHEUNG Tin-cheung, SBS, Chairman, Hong Kong Green Building Council

Remark: The above information is subject to change.

## Biographies of Speakers & Moderators



### **Ms Bernadette LINN, JP**

Secretary for Development of the Hong Kong Special Administrative Region

Ms Bernadette LINN was appointed the Secretary for Development on 1 July 2022.

She joined the Administrative Service in 1989 and rose to the rank of Administrative Officer Staff Grade A1 in 2019. She has served in various bureaux and departments, including appointments as Deputy Secretary for Education in 2005, Deputy Secretary for Financial Services and the Treasury (Treasury) in 2008, Private Secretary to the Chief Executive in 2010, Director of Lands in 2012 and Permanent Secretary for Development (Planning and Lands) in 2017.

Ms LINN holds a Bachelor Degree from the University of Hong Kong (major in Literature) and a Master Degree from the University of Michigan, Ann Arbor (major in Communication Studies).



### **Ms Audrey NUGENT**

Director of Global Advocacy, World Green Building Council

As Director of Global Advocacy, Audrey leads WorldGBC's advocacy and policy work, collaborating with Green Building Councils around the world to champion ambitious and innovative public policies that drive the systemic change needed in the built environment.

Currently, Audrey's work is focused on elevating the profile of the built environment at COP28, and working with the global network of Green Building Councils to implement transformative policies needed to achieve the goals of the Paris Agreement.

In Europe, Audrey works closely with representatives from the European Commission to ensure that the EU adopts legislation that delivers a decarbonised, circular and well-designed built environment.

Audrey has a Master's in urban planning and is passionate about how policy and advocacy can help deliver a holistic and integrated built environment that benefits people and planet.

Audrey is based in London, UK.



### **Mr WONG Chuen-fai, JP**

Commissioner for Climate Change, Environment and Ecology Bureau, The Government of the HKSAR

Mr CF Wong is currently the Commissioner for Climate Change in the Environment and Ecology Bureau of HKSARG. He was an Assistant Director of the Environmental Protection Department (EPD) before joining the Bureau. Throughout his service with EPD, Mr Wong had taken up a wide range of responsibilities, including international collaboration, development of environmental infrastructures, environmental impact assessment, waste reduction and law enforcement.



### **Mr Ken CHIU**

Head of Carbon & ESG Products, Hong Kong Exchanges and Clearing Limited

Ken Chiu serves as Head of Carbon & ESG Products at HKEX since 2022, responsible for fostering the Carbon & ESG product businesses for the exchange. He recently has led the team to successfully establish and launch the first brand new voluntary carbon marketplace at HKEX.

Mr Chiu has more than 15 years of experience in the industry. He has worked in various functional areas including structuring and marketing positions in global markets of investment banks in both Hong Kong SAR and Mainland China. He has also been actively engaging in RMB internationalisation and cross-border business activities since 2009.

Mr Chiu joined HKEX in 2018. Prior to his current role, Mr. Chiu was Senior Vice President of Fixed Income and Currency (FIC) Development responsible for FIC derivative and bond listing businesses at HKEX. He holds an MSc in Mathematics for Finance and Actuarial Science from the Université Paris-Dauphine and a BBA in Finance from the Hong Kong University of Science and Technology.

## Biographies of Speakers & Moderators



**Ms Carly LEUNG**  
Development Director, V'air

Ms. Pui Yee Leung, Carly, is now serving as the Development Director at V'air, where she plays a pivotal role in promoting sustainable tourism and climate education. With a strong passion for environmental and climate justice, Carly is an esteemed member of the Asia-Pacific Youth Advisory Group on Environmental and Climate Justice, the group is established in collaboration with the United Nations Human Rights, the United Nations Framework Convention on Climate Change, and the United Nations Development Programme.

Carly's dedication to climate education and youth empowerment is further exemplified through her role as the Co-founder of Climate Incubator. Recognizing the need for individuals to possess the necessary skills and knowledge for a just climate transition, she spearheaded the establishment of Climate Incubator. This dynamic and youth-led initiative provides a collaborative platform for individuals interested in climate change to co-learn, network, and acquire essential green skills.



**Ms Jasmine SIU**  
Committee, Hong Kong Youth for Climate Action

Jasmine Siu has been actively participating in climate-related projects. She is a facilitator for the Local Conference of Youth (LCOYHK), and committee of the Hong Kong Youth for Climate Action (HKYCA), a platform that aims to empower local youth who share passion to combat climate change through actions and advocacy locally and internationally. Jasmine will also be attending COP 28 as one of the youth delegates.



**Ir Mr Michael FONG Hok-shing, JP**  
Director of Civil Engineering and Development, The Government of the HKSAR

Ir Fong is currently the Director of Civil Engineering and Development, leading the Department in taking forward Hong Kong's new town development and land supply projects, among which are the Northern Metropolis and the Lantau Tomorrow Vision that serve as the two key drivers for the social and economic growth of Hong Kong.

Over the past 30 years, Ir Fong held numerous positions in various works departments and the Development Bureau. Ir Fong is widely known in the construction industry as a determined champion of construction safety and innovation technologies.



**Ir Dr Conrad WONG, BBS, JP**  
Vice Chairman, Yau Lee Holdings Limited

Ir Dr Conrad Wong is a professional engineer who has over 30 years of building construction experience. He is the Vice Chairman of Yau Lee Holdings Limited, Managing Director of Yau Lee Construction and REC Engineering Co Ltd. He has a keen interest in green building technologies, Building Information Modeling (BIM), modular and precast construction, and manufacturing automation.

Since 2017, Ir Dr Wong has been putting a great deal of effort in developing various robotic and Artificial Intelligence (AI) applications for the construction industry. He received his Doctor of Philosophy Degree at City University of Hong Kong, specializing in adopting AI to optimize energy consumption for large scale central air conditioning system.

Ir Dr Wong is very active in public and community services. Currently, he is appointed as the Chairman of the Council of the Hong Kong Metropolitan University, the Chairman of the New Energy Transport Fund Steering Committee, the Member of the Energy Advisory Committee and the Member of the Town Planning Board. In the past, Ir Dr Wong served as the Deputy Chairman of Vocational Training Council, the Chairman of the Occupational Safety and Health Council, the Chairman of the Hong Kong Green Building Council, the President of the Hong Kong Construction Association, the President of the International Federation of Asian and Western Pacific Contractors' Associations, the Chairman of Pneumoconiosis Compensation Fund Board, the Member of Construction Industry Council, the Member of the Antiquities Advisory Board, the Member of the Advisory Council on the Environment, and the Director of the World Green Building Council.

## Biographies of Speakers & Moderators



### **Professor Christine LOH, SBS, JP**

Chief Development Strategist, Institute for the Environment, Hong Kong University of Science and Technology

Christine Loh is the Chief Development Strategist at Institute for the Environment, HKUST; Visiting Scholar at the Anderson of Management at UCLA; and Scholar in Residence at Asia Society Hong Kong. Professor Loh is a lawyer by training, and a commodities trader by profession, with a long history in public policy, having been a legislator and the undersecretary for the environment in the HKSAR Government. She was also the special consultant to the Chief Executive on the mainland's environmental policies between 2019-2020. She serves on the board of CDP Worldwide, Global Maritime Forum, New Forests Pty Limited, and Towngas Smart Energy Company Limited. Professor Loh is a sought-after speaker and moderator on climate, environmental and ESG-related topics. She is a published author of many academic and popular works, her latest book in 2023 published by HKU Press is about COVID-19.



### **Ms Kimberly Lewis INKUMSAH**

Executive Vice President, Equity, Engagement and Events, IWBI (International WELL Building Institute)

"I've learned that people will forget what you said, people will forget what you did, but people will never forget how you made them feel." - Maya Angelou

After years of experience and accomplishments, Kimberly Lewis Inkumsah knows better than anyone that market transformation begins with people. Kimberly is a catalyst and executive leader championing the critical issues of diversity, equity, and inclusion as the center of the health & wellbeing, sustainability and climate agenda worldwide.

As the Executive Vice President, Equity, Engagement & Events for the International WELL Building Institute (IWBI), championing the return on investment and opportunity cost for investing in a more inclusive culture for organizations, buildings and communities worldwide. As the co - chair for IWBI's Health Equity Advisory along with 200 advisers collaborating to build the WELL Equity rating purposed to scale strategies and evidenced based interventions that address health inequities in buildings, businesses and communities around the world.

Formerly Senior Vice President of Market Transformation and Development, North America for the US Green Building Council (USGBC) Kimberly spent 18 plus years leading and directed USGBC's 40 local community advancement teams (Chapters) along with members, volunteers and emerging professionals delivering on the USGBC mission to improve the quality of life for all through more sustainable buildings, cities, and communities worldwide.

Under her leadership, the values of service and respect undergird people-centric strategies to provide the council and the movement with a strong foundation of stakeholder-based support. Kimberly's love for people stems from a solid base of faith and family. She is a minister and past leader of women's and youth ministries for Harvest United Ministries, Clinton, MD (United Churches of Jesus Christ - Apostolic.)

Kimberly is a movement builder who developed the award winning Greenbuild International Conference & Expo. Part market development platform and part tent revival, Greenbuild was created to propel thought leadership and be the epicenter for sustainability in the built environment and beyond. Under Kimberly's guidance, Greenbuild became the largest sustainability conference in the world with an annual operating budget exceeding \$15 million, 28,000+ attendees, 1500 exhibitors and sponsors, 700+ global speakers, and 500+ media outlets. In 2014, Greenbuild was acquired by Hanley Wood LLC (and later Informa) to grow the show and expand it globally.

Recognizing the journey of women in the built environment, Kimberly fights for gender equality. She created, and lead, the global Women in Green (WIG) mentorship programs, summits, and events in the US, Brazil, China, Europe, India, and Mexico.

Focusing on building community power, Kimberly is chair of the board of directors for Groundswell, a nonprofit community solar and energy equity leader. She also serves on the board for PaceNation and Elevate Energy as the diversity, equity, and inclusion thought leader.

Grounded in her belief in the power of face to face convening she has shared her people first visioning on various hospitality sector advisory boards to include Starwood Hotels, Marriott International Hotels, and the convention and visitors' bureaus in New Orleans, Atlanta, and Denver.

Kimberly has been recognized with numerous awards including the GB&D magazine 2018 Women in Sustainability Leadership Award (WSLA). In April 2011, Kimberly received prestigious recognition as the White House Champion of Change for Clean Energy. She was also named in Glamour Magazine's 70th Anniversary 70 Women Leaders to Know in Sustainability.

## Biographies of Speakers & Moderators



### **Ar. Donald CHOI, JP**

Executive Director and Chief Executive Officer, Chinachem Group

Mr Donald CHOI works globally as architect and developer for over three decades and is familiar with both public and private projects. He has worked in North America, Asia and China, including Hong Kong listed companies, with vast in-depth knowledge in the real estate development and investment industry. He believes in the power of design and architecture to empower society. Clients have included Hong Kong Government, Airport Authority, Mass Transit Railway Corporation, Urban Renewal Authority, Public Works Canada, British Columbia Buildings Corporation, NGOs and the private sector.

Currently, he is the Chief Executive Officer of Chinachem Group. Before, he was the Managing Director of Nan Fung Group, Director of Foster and Partners, and the Authorized Person (Architect) for the Hong Kong International Airport Passenger Terminal (HKIA Silver Medal Winner) and many infrastructure projects at Chek Lap Kok. The airport was awarded the Top Ten Construction Projects in the World and has won numerous awards including the Best Airport in the World since opening in 1998.



### **Dr WEI Qing-peng**

Deputy Director, Building Energy Research Center, Tsinghua University

As the team leader of study on energy efficiency in commercial buildings, Dr. Wei established an on-line energy monitoring and benchmarking system of commercial buildings through detailed metering. By this monitoring and benchmarking system, current situation, characteristics and saving potentials of energy consumption for HVAC, lighting, office appliances in commercial buildings are clearly disclosed with real time energy consumption data. Therefore, Dr. Wei develops data-driven model and data mining methodology for energy consumption in commercial buildings.

Dr. Qingpeng Wei received his B.Sc., M.Sc., and Ph.D. degrees in building services engineering from Tsinghua University. Dr. Wei initiated his research in building energy efficiency (BEE) in 1996. And he was involved in lots of international cooperation projects on BEE, including UNDP-GEF funded CHINA End-use Energy Efficiency Project, World Bank funded CHINA building Energy Efficiency Study etc. Currently, he is leading a research team on energy efficiency in large-scaled commercial buildings which have the highest electricity use intensity among all kinds of buildings in China. Dr. Wei and his team have accomplished energy diagnosis in more than 500 buildings in China, Hong Kong SAR, USA and Japan, including 20 office buildings of central government, Beijing Olympic venues, etc. Dr. Wei was also invited to visit and investigate energy data of commercial buildings in France, Belgium, Netherland, Germany, etc. In addition, with his effort, low-cost retrofitting techniques including control strategy optimization, energy efficiency oriented FDD, have been implemented in about 100 commercial buildings which obtained more than 30% of energy savings. Meanwhile, he is involving deeply in IEA ECBSC annex 53 as a subtask leader studying on human behavioral impacts on total energy use in office buildings.



### **Mr Lee SAUERWALD**

Executive Director, Corporate Services, Uniting Communities Incorporated

As a Fellow CPA MBA, Lee specialises in social, environmental and financial sustainability while undertaking executive responsibility for Uniting Communities Corporate Services portfolio. This includes Property, Investment, Financial, Procurement, Fleet and Carbon Reduction.

Lee has led Uniting Communities to be Certified Carbon Neutral since 2015 - the first Australian Registered Charity and first South Australian organisation to do so. As the Inaugural Ambassador and a Founding Partner of Carbon Neutral Adelaide, Uniting Communities have been awarded the Business Leadership Award for their leadership and advocacy in reducing carbon emissions.

The multi-award winning U City is Uniting Communities latest innovation: a 6 Star Green Star Carbon Neutral vertical village bringing together residential, social, commercial and community services to create a vibrant, inclusive and sustainable community thriving in the heart of Adelaide.

Uniting Communities most recent ambition is to reach Net Zero carbon emissions by 2035 and they invite all businesses and organisations to join them in achieving their own net zero targets.

## Biographies of Speakers & Moderators



**Dr Edward LEUNG Man-fuk**

President, Hong Kong Association of Gerontology

Dr. Edward M F LEUNG, FHKAM (Medicine), FRCP (Edin, Lond, Glasg)

Dr. Leung is currently Hon Consultant Geriatrician and Director of Geriatric Medicine Centre (Healthy Ageing) of Hong Kong Sanatorium and Hospital. He was Head of Division of Geriatric Medicine and Rehabilitation of United Christian Hospital till 2015, Ex-Chairman of Geriatric Specialty Board of Hong Kong College of Physicians, Hon Associate Professor of Department of Medicine, Chinese University of Hong Kong, Hon Associate Professor of Department of Medicine and Department of Social Work and Social Administration of University of Hong Kong. He is also President of Hong Kong Association of Gerontology and Hong Kong Continence Society. He has been Chief Editor of Hong Kong Journal of Gerontology and has been the Co-chief editor of Asian Journal of Gerontology and Geriatrics.

Dr. Leung is council member of International Association of Gerontology and the Asia/Oceania Region of IAG. He also served as convener of the Scientific Subcommittee of Clinical Medicine of the Asia/Oceania Region of IAG. Dr. Leung has been invited to lecture in symposium held in Korea, Japan, Singapore, Australia, China, Macau and Taiwan.

Dr. Leung's major research interests are epidemiology in old age, health promotion, End of Life care, osteoporosis, fall, stroke, incontinence, long term care and public policy in old age. He is a major advocate in promoting End of Life Care for Older People in Community and Residential Care since 2007. Dr. Leung published widely in local and international journals and has been contributor to a number of books on health and ageing.

Dr. Leung has served on various boards and bodies in Hong Kong and internationally in the International Association of Gerontology and Asia Pacific Advisory Board on Continence Care. He is also founding member of Hong Kong Osteoporosis Foundation.



**Professor WONG Kam-sing, GBS, JP**

Chairman, Wu Zhi Qiao (Bridge to China) Charitable Foundation

Professor Wong is currently Distinguished Department of Architecture Fellow at The University of Hong Kong, Honorary Professor at Hong Kong Chu Hai College, and Chairman of Wu Zhi Qiao (Bridge to China) Charitable Foundation. Since the 1990s, Wong has become a registered architect and developed expertise on sustainable architecture. He also volunteered in community service as the Founder Chairman of the Environment and Sustainable Development Committee of the Hong Kong Institute of Architects, Chairman of the Professional Green Building Council, Vice Chairman of the Hong Kong Green Building Council, etc. In 2012-22, he was appointed as the Secretary for the Environment, Hong Kong SAR Government. During his ten-year tenure as the Secretary for the Environment, he launched a number of sustainability policy blueprints on climate action, energy saving, air quality, popularisation of electric vehicles, waste management, and biodiversity, leading Hong Kong towards carbon neutrality.



**Dr CHEUNG Tin-cheung, SBS**

Chairman, Hong Kong Green Building Council

Dr CHEUNG is the Chairman of the Hong Kong Green Building Council. He is also an Honorary Professor at Hong Kong Polytechnic University, and an Adjunct Professor at the Technological and Higher Education Institute of Hong Kong.

Dr CHEUNG holds a Bachelor of Science Degree in Estate Management from the University of Reading, UK, a Master of Science Degree in Construction Management from the University of Bath, UK, and a Doctor of Philosophy Degree in Fire Engineering from the City University of Hong Kong. He has professional qualifications in building surveying, property management and facility management. He is a Fellow of the Hong Kong Institute of Surveyors, a Registered Professional Surveyor (BS), and an Honorary Fellow of the Hong Kong Institute of Facility Management.

Dr CHEUNG was previously Director of Buildings in the HKSAR Government and received the Silver Bauhinia Star Award in 2019 for his dedicated and meritorious service to the Government, particularly in promoting building safety and a sustainable built environment in Hong Kong.

