Welcome to the Australian High Commission in Singapore’s inaugural Regional Built Environment Forum (BEF) 2019.

Bringing together Australian, Singaporean, regional and international built environment companies, business leaders, experts, decision-makers and officials, the BEF will promote Australia’s and Singapore’s built environment capabilities and explore how our countries can jointly support ASEAN’s unfolding urbanisation story. We have gathered together an exciting group of built environment and technology sector experts for the BEF. Their expertise is detailed in this programme.

I am honoured that Singapore’s Info-Communications Media Development Authority (IMDA) and Building and Construction Authority (BCA) are supporting agencies for the BEF. I view our event as a precursor to BCA’s International Built Environment Week programme scheduled for early September 2019 and encourage all Australian companies and partners to attend and explore collaboration opportunities with Singaporean counterparts.

I thank our corporate sponsors: The Australian National University, Curtin Singapore, James Cook University Singapore, JLL, Kaer, Lendlease and Murdoch University for their support. I also thank our Australian Government supporting agencies, Austrade and CSIRO.

I’m excited about connecting Australian expertise and companies with the opportunities across our region to help develop city systems in smart and sustainable ways. Singapore is a natural partner in this endeavour.

His Excellency Bruce Gosper
Australian High Commissioner to Singapore
MASTER OF CEREMONIES

Mr Teymoor Nabili
Journalist

Mr Teymoor Nabili is a veteran international journalist based in Singapore. Over a 28-year career he has anchored, reported and produced news and programmes for the BBC, Al Jazeera, CNBC, CNN and Channel News Asia.
KEYNOTE ADDRESS 1 – ‘CITIES OF THE FUTURE IN ASIA’

Mr Gordon Falconer
Chairman, Advisory Board, United Smart Cities

Mr Gordon Falconer is currently the Chairman of the Advisory Board for the UN United Smart Cities programme and is a city developer, city consultant, global thought leader in cities, technology clusters, property and infrastructure developer, chartered surveyor who has been based in Singapore for the last 10 years.

Previously he was with Cisco as Director of Urban Innovation and Schneider Electric as Global Director of Smart Cities where he worked on smart city projects with a focus on the city infrastructure strategies in the urban environment. In particular he worked as a consultant to the City of Barcelona and Amsterdam as well as working on major master planned real estate projects globally from Korea to Kenya. His focus in Asia has included working with many governments and city leaders in countries such as China, Thailand, Myanmar, Indonesia, Korea, Vietnam, Malaysia and of course Singapore.

Previously he was the Head of Strategy & Real Estate at Masdar City, Abu Dhabi, he worked on the plans to make Masdar City both Carbon Zero as well as profitable and was in charge of the development strategy which include feasibility, design and partnership models for all real estate asset classes and infrastructure.

He has worked worldwide with governments, NGO’s, the UN, World Bank and European Commission. He has worked with and developed various global city programmes and is on the Advisory Board of Azcende City Venture Capital. He is a member of the Australian Property Institute and the Royal Institute of Chartered Surveyors and is originally from Melbourne, Australia.
Mr Bill Chang
CEO, Group Enterprise and Country Chief Officer (Singapore), Singtel

Mr Bill Chang was appointed Country Chief Officer, Singtel Singapore in October 2014. He is concurrently the Chief Executive Officer of Group Enterprise, which provides innovative and comprehensive ICT solutions to the Group’s enterprise customers across multiple geographies. Prior to assuming this position in July 2012, he was Managing Director, Business Group, Singtel. He joined Singtel in 2005 as Executive Vice President of Corporate Business.

Mr Chang serves on the boards of several wholly-owned and associate companies of Singtel. He is the Chairman of US-based Trustwave Holdings, Inc., one of the largest independent managed security services providers Singtel has acquired.

Mr Chang is Chairman of the Singapore Polytechnic Board of Governors. His contributions to the education sector were recognised when he was awarded the Public Service Star in conjunction with the National Day Honours in 2017. He was on the Board of Workforce Development Agency for six years until 2011. For his contributions to Singapore’s workforce development, Mr Chang received the National Day Public Service Medal in 2007.

He co-chaired the Future Jobs and Skills sub-committee of the Committee on the Future Economy of Singapore. In 2017, he was awarded the Singapore Computer Society’s IT Leader of the Year award and was made an honorary Fellow of the Society in 2014. In 2017, he was appointed to the Australian Institute of Company Directors’ International Advisory Technology Governance and Innovations Panel. This was followed by his appointment to the Urban Redevelopment Authority of Singapore Board in April 2018.
Dr Fraser Thompson (Moderator)
Co-founder and Director, AlphaBeta and Senior Vice President, AustCham ASEAN

Dr Fraser Thompson is Director and co-founder of AlphaBeta, an economic strategy firm based in Singapore and Australia, which aims to integrate economics and strategy to support business and government decision-making. Dr Thompson previously led McKinsey Global Institute (MGI), the economic research arm of McKinsey, in Southeast Asia, and was also a consultant with McKinsey for 6 years, having worked across the United States, Europe, the Middle East, Africa, and Asia.

AlphaBeta leads work across ASEAN, including development of the ASEAN Connectivity Master Plan, the Initiative for ASEAN Integration, and working with cities on the ASEAN Sustainable Urbanisation Strategy (ASUS), which identified key infrastructure priorities for cities and helped them develop practical plans for implementing these priority projects.

Prior to joining McKinsey, Dr Thompson worked at The World Bank focused on East Asia and Northern Africa, and as an economics tutor at Oxford University. Dr Thompson received a Doctorate and Masters in Economics from the University of Oxford, where he studied as a Rhodes Scholar. At the undergraduate level, Fraser studied at Melbourne University, Beijing Normal University, and Butler University. Dr Thompson also served as the Inaugural President of the Australian Chamber of Commerce in ASEAN and remains a current board member. He is also a board member of AustCham Singapore, and a senior advisor to IMA Asia (a network of senior business leaders).
Mr Adam Beck  
Executive Director, Smart Cities Council Australia New Zealand

Mr Adam Beck is an Executive Director with the Smart Cities Council, the world’s longest running organisation focussed on catalysing investment in smart cities action.  

In this role he is responsible for the oversight of the organisations Australia, New Zealand and ASEAN operations, while also being Chairman of Smart Cities Week, SCC’s global series of convenings of smart cities leaders.  

Prior to this Mr Beck was Director of Innovation at Portland-based think tank EcoDistricts, where he developed a collaborative governance model for urban regeneration across North America. He was also Executive Director at the Green Building Council of Australia where he facilitated the creation of the Green Star Communities certification system for sustainable urban development.  

Before entering the mission-driven sector, Mr Beck spent 15 years with global consulting firms, including almost a decade with Arup. He was a lecturer and studio lead in social impact assessment and community engagement at the University of Queensland.  

Mr Beck holds advisory positions with the Swinburne Smart Cities Institute and the University of Adelaide’s Australian Smart Cities Consortium. He is also Vice Chair of the Smart Cities and Infrastructure Work Stream for the Internet of Things Alliance Australia and holds a position on the Australian Government’s Cities Reference Group.
Mr Hugh Lim  
CEO, Building and Construction Authority (BCA)

Mr Hugh Lim graduated from the University of Liverpool in 1987 with a Bachelor of Engineering (First Class) degree on a Singapore Armed Forces (Overseas) Scholarship. He holds a Master of Science (Management of Technology) from the Massachusetts Institute of Technology, United States of America, 1998.

Mr Lim joined the Singapore Armed Forces in 1984, and attained the rank of Brigadier General on 1 Jul 2005. He has served in a variety of command and staff positions, including Chief Engineer Officer, Commander 6 Division, Commander Training and Doctrine Command (TRADOC) and Chief of Staff, General Staff.

Prior to joining BCA, Mr Lim was the Deputy Secretary (Community, Youth and Sports) at the Ministry of Culture, Community and Youth, and before that, the Deputy Secretary, Ministry of Law.

He is married with three children, and has a keen interest in technology, sports and photography.
Mr Edgar Sabidong
Vice President- Technical Services Department, Chief Sustainability Officer, Arthaland Corporation, Philippines

Mr Edgar V. Sabidong is a Civil Engineer by profession and has more than 30 years of practice in the field of engineering, design, construction, facility maintenance and real estate development, focusing on green and sustainable projects.

He has local Philippine and international construction experience, having worked 12 years in the Middle East through Saudi Aramco and the Caribbean, as Project Director of the biggest real estate development in Trinidad and Tobago, West Indies.

He has collaborated with various foreign firms while working with the biggest Phil Construction firm, D.M. Consunji, doing the then, biggest single awarded contract in high end residential development in Manila, the five Rockwell West tower bldgs, with a combined floor total of 160 storeys. He likewise worked with the biggest oil company in the world, Saudi Aramco, where he got involved with various types of facilities from Office, residential and oil-related facilities.

With Arthaland Corporation, he has completed three buildings that have achieved multiple gold and Platinum ratings in LEED and four to five star BERDE certifications. He is presently managing the biggest green building on dual certification in the Phils, the Cebu Exchange.

Arthaland’s active participation in the green building development led to Mr Sabidong’s chairmanship of the Phil Green Building Council, which seeks to have a unified green building rating system, promote sustainability in the real estate industry and encourage government and the private sector to further the cause of greener, more sustainable developments in the Philippines.
PANEL 1 – ‘REGIONAL OPPORTUNITIES IN THE BUILT ENVIRONMENT’

Ms Lauren Sorkin
Managing Director, Asia Pacific, 100 Resilient Cities

Ms Lauren Sorkin is dedicated to promoting resilience solutions that are efficient and sustainable through multi-stakeholder collaborations involving governments, non-governmental organisations, the private sector, and individual citizens.

Before joining 100 Resilient Cities, she spent six years working with the Asian Development Bank (ADB) promoting climate responsive development in the Asia Pacific region. Her assignment included overseeing the development of the ADB’s first organisation-wide Climate Change Implementation Plan and corresponding staff development program. She also served in the ADB Vietnam Resident Mission in Hanoi where she managed the integration of climate resilience into the Bank’s $7 billion investment portfolio in-country.

Prior, Ms Sorkin worked through the USAID Initiative for Conservation in the Andean Amazon to promote green growth in the region as well as with the USAID Eco-Asia Clean Development and Climate Program facilitating in-person and virtual knowledge sharing between clean energy experts in China, India, Indonesia, the Philippines, Thailand, and Vietnam.

Ms Sorkin is an environment and knowledge management specialist and has published work with the European Commission and the Worldwatch Institute on biofuels, trans-boundary water management, climate change, infant mortality and HIV/AIDS. She holds a Bachelor of Arts in International Relations from Tufts University and a Master of Science in Environment and Development from the London School of Economics. She is also a certified holistic health counsellor and yoga instructor. She speaks fluent Spanish and Hebrew.
PANEL 1 – ‘REGIONAL OPPORTUNITIES IN THE BUILT ENVIRONMENT’

Ms Fatouma Toure Ibrahima,
Manager, Infrastructure Programs and Analytics, Infrastructure Practice Group
The World Bank

Ms Toure Ibrahima provides strategic and technical leadership to the Public Private Infrastructure Advisory Facility (PPIAF), the Global Infrastructure Facility (GIF) and the analytics and knowledge functions of the World Bank’s Infrastructure Practice Group.

Ms Toure Ibrahima has worked in development for the past 22 years, focusing on financial sector policy, financial system infrastructure, energy project design/implementation, energy sector policies and viability.

Prior to her managerial responsibilities, Ms Toure Ibrahima was Operations Adviser for the Singapore Infrastructure and Urban Development Hub and held various other positions with the World Bank, including:

- Regional Representative for PPIAF in charge of West, Central and North Africa;
- Senior Financial Sector Specialist and Task Team Leader in the World Bank Africa Energy Group where she led the design and implementation of various country and regional level energy projects;
- Special Assistant to the World Bank Group Vice President, Corporate Secretary, Managing Director and Chief Financial Officer; and
- Financial Sector Specialist in the Middle East and North Africa Region where she managed financial sector and financial system infrastructure projects and made major contributions to the Financial Sector Assessment Program.
Mr Colin Eddison (Moderator)  
Associate, Built Environment Unit, Aurecon

Mr Colin Eddison is an Associate with Aurecon Singapore's Built Environment unit. In addition to leading the mechanical engineering team, he leads major buildings projects throughout Singapore and South-East Asia. Over the past 10 years while working for Aurecon in Perth and Melbourne, Mr Eddison has lead, designed & delivered complex projects across Australia, Indonesia, Oman & United States.

Mr Eddison’s passions include driving digital transformation through the practical use of digital technologies for Building Information Modelling (BIM), design automation, visualisations, digital collaboration and data-driven machine learning. He also specialises in projects that require and maximise the use of energy analysis modelling and building physics with Computational Fluid Dynamic (CFD) modelling.

Having only been in Singapore since mid-2018, Mr Eddison is excited to share new ideas across the industry and help grow a grow culture of sharing digital solutions with clients and partners in Singapore.
Ms Marjet Andriesse  
Managing Director - APAC, Telstra

Ms Marjet Andriesse is the Managing Director in APAC and responsible for leading and driving the growth strategy and customer relationships for Telstra’s Enterprise and Wholesale business across the region.

Ms Andriesse is also a leader on Telstra’s Diversity and Inclusion council, where she advocates and leads inclusion initiatives within and on behalf of the company. She has more than 25 years’ experience spanning industries including telecommunications, logistics as well as HR Services in a variety of leadership positions.

Ms Andriesse has particular expertise in driving customer experience, revenue and profitability growth, leading companies through transition as well as organizational management for technology and professional services firms across Europe and Asia.

Prior to joining Telstra, Ms Andriesse served as Managing Director across Randstad’s businesses in Eastern Europe, the Netherlands and Japan. Ms Andriesse is a Dutch native and holds a master’s degree in Economics from the University of Groningen, the Netherlands.
Mr. Ozzeir Khan
Director, Digital Innovation Sandbox Program, Asian Development Bank

Mr. Ozzeir Khan is the Director of the Office of Business Relationships and IT Strategy for Digital Innovation within Asian Development Bank (ADB). He is currently also heading the ADB Digital Innovation Sandbox Program.

He has worked for United Nations and the global financial banking services sector in Asia, Europe, and the USA.

Prior to joining the ADB, he was Chief of Innovation and Business Relationships at United Nations HQ in New York, where he was responsible for developing relationships with departments, member countries, facilitating public-private sector partnerships and leading innovation labs’ development globally.

His broad areas of expertise include Digital Transformation, Innovation, and Emerging Technologies adoption by Public Sector and International Agencies.
Mr Richard Kuppusamy  
Head of Digital Integration (Asia), Lendlease

Mr Richard Kuppusamy is a chartered British Architect with more than 18 years of experience in the AEC industry with projects across Europe to Asia. At Lendlease, he is the Head of Digital Integration for Asia; where he leads the implementation of digital technology and processes through Integrated Digital Delivery.

He leads a team across the Asia region which co-creates innovative solutions for integrated digital delivery. Implementing best-in-class technologies and digital processes to improve quality, safety, and productivity outcomes from concept through to construction and building operations.

As an early adopter of BIM with over 10 years’ experience in BIM implementation and strategic planning Richard brings unique insights to create additional value in successful project delivery. Understanding commercial interests, processes, regulatory requirements and technical mechanics to implement BIM at both organization and project level from design to construction.

In his commitment to open collaboration; Mr Kuppusamy is a Committee Member of the Digital Built Environment Institute - A global non-profit institution focused on education in technological innovations for the AEC industry. He participates in several Singapore Building Construction Authority industry working groups and contributed to the development of the, Singapore BIM and VDC Guides.
Ms Samantha Su  
Director, Built Environment, Info-Communications Media Development Authority

Ms Samantha Su is currently the Info-Communications Media Development Authority’s (IMDA) Director for the Built Environment Cluster. She oversees IMDA’s effort in supporting built environment related companies gear towards digital transformation to stay ahead and embark on innovation for competitive growth. With a focus on technology and innovation, IMDA works with Singapore companies to re-design operating service models, review business practices for better outcomes, optimise resources, enhance productivity and increase value-add.

Ms Su’s group also drives the Smart Estates Initiative where IMDA, with other agencies, identify opportunities for smart estate developments in Singapore and overseas, facilitate tech partnerships and build the smart estates ecosystem. Coupled with her previous roles in other economic agencies, Ms Su is passionate about working with Singapore companies to develop business capabilities, devise innovation roadmaps, and support business growth.
PANEL 3 – ‘FUTURE SKILLS AND EDUCATION’

Professor Chan Heng Chee (Moderator)
Chairman, Lee Kuan Yew Centre for Innovative Cities, Singapore University of Technology and Design

Ambassador Chan Heng Chee is Ambassador-at-Large with the Singapore Foreign Ministry. She chairs the Lee Kuan Yew Centre for Innovative Cities in the Singapore University of Technology and Design. She is Chairman of the National Arts Council and a Member of the Presidential Council for Minority Rights, Constitutional Commission 2016, Presidential Elections Commission, Science of Cities Committee, National Research Foundation, and MCI’s Advisory Council on the Ethical Use of Artificial Intelligence and Data. She is also Deputy Chairman of the Social Science Research Council.

Ambassador Chan is a Member of the Board of Trustees of the National University of Singapore and a Member of the Yale-NUS Governing Board. She serves as a Member of the Executive Board of the China Cultural Centre and is Global Co-Chair of the Asia Society.

Previously, she was Singapore’s Ambassador to the United States and Singapore’s Permanent Representative to the United Nations with concurrent accreditation as High Commissioner to Canada and Ambassador to Mexico.

Ambassador Chan’s awards include The Public Administration Medal (Gold); The Meritorious Service Medal; The Distinguished Service Order; Honorary Degrees of Doctor of Letters from the University of Newcastle, Australia and the University of Buckingham (United Kingdom); and an Honorary Degree of Doctor of Laws from the University of Warwick (United Kingdom).

When Ambassador Chan left Washington at the end of her appointment, she received the Inaugural Asia Society Outstanding Diplomatic Achievement Award, the inaugural Foreign Policy Outstanding Diplomatic Achievement Award 2012 and the United States Navy Distinguished Public Service Award.
PANEL 3 – ‘FUTURE SKILLS AND EDUCATION’

Dr Fatemah Farnaz Arefian
Lecturer and Program Coordinator, Construction Management, The University of Newcastle Singapore

Dr Fatemah Farnaz Arefian is an expert in disaster management and resilience, urban design and development, and the application of strategic management for multi-perspective evaluation of the built environment projects/programmes. She holds an interdisciplinary PhD in development planning from UCL, UK and has a background in urban design, architecture and strategic management. Joining University of Newcastle Singapore in mid-2018, Dr Arefian is the programme coordinator and lecturer for the UON construction management programme in Singapore. She enjoys a combined 25 years of experience in academia and consultancy practice in the UK, Middle East and South East Asia, successfully delivering various international research and professional projects on reconstruction and urban resilience, urban design and development.

She has published several peer-reviewed books, papers and book chapters, as well as professional articles, including the book ‘Organising Post-Disaster Reconstruction Processes’ and the upcoming book on ‘Urban Heritage along the Silk Roads’ by Springer. Dr Arefian’s current research interests concern disaster risk reduction; urban reconstruction and resilience, organisational architecture for delivering urban development projects, sustainable urban design, heritage and contemporary challenges of cities during urban transformation in countries along the historic trade routes. She is passionate to bridge the gap between practice and academia through impact-oriented initiatives, knowledge exchange and public engagement.

Dr Arefian’s experience in post-disaster participatory reconstruction of the historic city of Bam has been featured as a good practice in the Guidance for Humanitarian Organisations: the Built Environment Professions in Disaster Risk Reduction and Response published by Westminster University, UK.
PANEL 3 – ‘FUTURE SKILLS AND EDUCATION’

Professor Alan Dench
Pro Vice Chancellor, Humanities, Curtin University

Professor Alan Dench is Pro Vice-Chancellor Humanities and Professor of Linguistics at Curtin University. The Faculty of Humanities at Curtin encompasses the School of Design and the Built Environment, the School of Education, and the School of Media Creative Arts and Social Inquiry.

Professor Dench has a Bachelors degree with Honours in Anthropology from University of Western Australia and Masters and PhD degrees in Linguistics from The Australian National University. He is a Fellow of the Australian Academy of the Humanities, a Member of the Australian Institute of Aboriginal and Torres Strait Islander Studies, and a Vincent Fairfax Fellow.

Professor Dench has in the past served as a member of the Australian Research Council’s College of Experts, the Executive Committee of the Australian Council of Graduate Research, and chaired the Committee of Deans of Graduate Schools in the Australian Group of Eight Universities.
Dr Faris Akbar Hajamaideen is the Director of the School of Architecture and Built Environment at the Singapore Polytechnic. Prior to this, he also served as the Director of the School of Design and also the School of Digital Media & IT.

Dr Hajamaideen is trained in architecture with a focus in its histories and theories. He completed his master’s degree at McGill University’s School of Architecture and his PhD at the University of Adelaide’s Centre for Asian and Middle Eastern Architecture (CAMEA).

His main research interest has been the study of the human body as a site for architectural imaginings, with a special focus on, first, the relationship between Vitruvius’ De Architectura and Platonic philosophy, and, second, the understanding of the body in the works of the 12th-century Muslim mystic-philosopher Shihāb al-Dīn al-Suhrawardi. He has written, taught, and presented talks on these topics.
Associate Professor Lisa Law  
Tropical Urbanism and Design Lab, College of Science and Engineering  
James Cook University

Associate Professor Lisa Law is an interdisciplinary researcher with a background in geography and urban studies. Her research focuses on understanding urban and sub-urban spaces in Southeast Asia and tropical Australia, and crosses a wide spectrum including: the meanings and uses of public space, the role of the senses in urban life, and how place-based urban design can play an important role in cooling tropical cities as well as regenerating regional towns.

She is founder of JCU’s Tropical Urbanism and Design Lab, an interdisciplinary team of geographers, architects, sociologists and planners interested in urbanism in the tropics. Prior to commencing her appointment at James Cook University, she was employed at the Australian National University, the University of Western Sydney, the National University of Singapore and the University of St Andrews in Scotland.
Ms Chelvin Loh
Director Training Partners and Industry Development, SkillsFuture Singapore

Ms Chelvin Loh is a senior government official in SkillsFuture Singapore. Driving the jobs and skills agenda for wide-ranging sectors from Manufacturing to Trade & Connectivity and Built Environment, Ms Loh leads her team in SSG to engage enterprises and best-in-class organisations to understand latest industry trends, masterminds innovative training solutions with partners, and monitors the training landscape to facilitate matching of skills supply and skills demand. She believes that the skills-led economy will power the next phase of Singapore’s economic growth and continue to position Singapore on the global stage.

Ms Loh brings with her 20 years of experience in the public sector, driving projects from enterprise development to internationalisation and skills partnerships, and making each day count in the public sector.
PANEL 4 – ‘SUSTAINABILITY AND CITY RESILIENCE’

Ms Jessica Cheam, Founder and Managing Editor, Eco-Business (Moderator)

Ms Jessica Cheam is an award-winning journalist, TV presenter, director, producer, and a social entrepreneur. She has more than a decade of experience in media, journalism and sustainable development and is a columnist for national newspapers.

She is an independent and non-executive director of Singapore-listed ComfortDelGro, one of the world’s largest land transport companies, and sits on the nomination and investment committees.

She is as Strategic Advisor to Blue Planet Environmental Solutions, and is founding Director for Embodhi (Singapore), a non-profit for women empowerment in Asia. She is also an associate member of the Singapore Institute of Directors, and chairs the Climate Action SG Alliance – an initiative supported by the Ministry of Environment and Water Resources to advocate climate action and raise public awareness on climate.

A SPH scholar, she has won many journalism awards, including the Earth Journalism Awards in 2009, Young Journalist of the Year by SPH in 2010, the ASEAN Green Technology Journalism Award in 2011, and the Sustained Environmental Reporting by a Journalist Award in 2015 for her contribution to environmental journalism. She is the published author of ‘Forging a Greener Tomorrow: Singapore’s journey from slum to eco-city’ and is an adjunct research associate for the Centre for Liveable Cities.

In March 2018, she won the Women of the Future Southeast Asia Award for media and communications. She was also one of LinkedIn’s Power Profiles for Singapore for 2018.

She holds a Film and Literature degree (First Class Honours) from University of Warwick and a MA Distinction in Journalism from University of London’s Goldsmiths College.
Mr Guy Barnett
Coordinator, Future Cities Initiative and Urban Ecologist
Land and Water, CSIRO

Mr Guy Barnett is an Urban Ecologist with the Commonwealth Scientific and Industrial Research Organisation (CSIRO) located in Canberra Australia. He joined CSIRO over 20 years ago, after completing a BSc (Hon) at the Australian National University. For most of his career, he has been focussed on mapping vulnerability to extreme heat in Australian cities and evaluating the various options for building climate resilience through green and social infrastructure.

Mr Barnett is currently the Coordinator of CSIROs Future Cities initiative, which aims to integrate cities-related research from across the organisation’s 5,000 science and technology experts. His focus is on the science that is required to understand and navigate cities as complex and adaptive systems, harnessing rapid advances in digital and data technologies, while building the partnerships and deep collaborations needed to both accelerate and de-risk innovation.

He is a member of several international research networks including the Resilience Alliance, Stockholm Resilience Centre, and UNESCO’s Urban Biosphere Network. Guy has authored or co-authored 17 scientific journal articles, 8 book chapters and over 42 technical reports.
PANEL 4 – ‘SUSTAINABILITY AND CITY RESILIENCE’

Dr Lachlan Blackhall
Entrepreneurial Fellow and Head Battery Storage and Grid Integration Program
The Australian National University

Dr Lachlan Blackhall holds a BE, BSc and a PhD in engineering and applied mathematics and was the co-founder and former Chief Technical Officer of Reposit Power.

At Reposit, he pioneered the development of distributed control systems to monitor, optimise and control grid-connected energy storage, as well as the development of virtual power plant technology to aggregate distributed energy storage to deliver services and capabilities to energy networks, markets and utilities.

Dr Blackhall has been heavily involved in the entrepreneurship, innovation, technology and investment domains for almost two decades. This involvement has included starting a number of companies, being involved in the mentoring and development of entrepreneurs and their ideas, and working to advise or invest in a number of companies.

As an educator, Dr Blackhall has been designing, implementing and delivering primary, secondary and tertiary education and outreach programs globally for over a decade. He is a Senior Member of the Institute of Electrical and Electronics Engineers and a fellow of the Australian Academy of Technology and Engineering.
Ms Joelle Chen  
Director, Global Partnerships & Marketing, MANN+HUMMEL

Ms Joelle Chen is the Director for Global Partnerships & Marketing, MANN+HUMMEL that provides IOT-enabled indoor air solutions for buildings. She focusses on bringing HR and corporate real estate stakeholders together to improve employee experience.

Passionate about the intersect between sustainability, health & wellbeing and technology, she helps make sense of the complexity surrounding smart, green and healthy buildings and cities.

Prior to MANN+HUMMEL, she was the Regional Head at World Green Building Council, an international NGO championing global adoption of net zero carbon and healthy buildings. She previously headed up the Smart Sustainable Cities team at the Singapore Economic Development Board, driving public-private partnerships through living lab platforms. She practiced as an architect earlier in her career and draws on ~15 years’ of experience in different parts of the sustainable building ecosystem.

She holds a Masters in Architecture from the National University of Singapore, and a MBA from the Singapore Management University.
Mr Lim Teng Leng
Deputy Director, Capability Development, Centre for Liveable Cities (CLC), Ministry of National Development

Mr Lim Teng Leng joined the CLC as Deputy Director of the Capability Development & Advisory team in 2017. He leads a team to engage and work with a range of stakeholders including subject matter experts, government agencies, non-government organisations and industry players to design, develop and deliver effective training programmes to share Singapore’s experience and expertise in urban planning and development with international participants. Mr Lim also engages international bodies such as UN and ASEAN to support CLC in raising Singapore’s international profile in this space. Mr Lim led the team, together with the Singapore Ministry of Foreign Affairs, to develop and execute the ASEAN Smart Cities Network – Singapore’s key deliverable as the ASEAN Chairman in 2018.

Mr Lim has served with the National Youth Council, Confucius Institute (Nanyang Technological University) and the Civil Service College (CSC). During his service with CSC International, Mr Lim was in charge of organising training and study visits for foreign civil servants to understand Singapore’s public sector management and governance. He has actively forged close working relationship between CSC and its Chinese counterparts. Mr Lim has also served with the Institute of Governance and Policy in CSC to develop thought leadership in, as well as to enhance the understanding and to advance the practice of public policy in Singapore.

Mr Lim graduated from the National University of Singapore with majors in Statistics and Japanese Studies. Under the Scholarship Programme of CSC, he completed and obtained a Master of Public Administration from Tsinghua University School of Public Policy and Management in 2012.
PANEL 5 – ‘PLATFORMS AND PARTNERSHIPS FOR COMMERCIAL OPPORTUNITIES’

Mr Peter Hyland (Moderator)
Regional Director, CISTRI

Mr Peter Hyland is the Regional Director, based in Singapore, of Cistri the international business of Urbis Australia. Prior to establishing Cistri in 2016 he was the Regional Director for Urbis Queensland from 2000. Peter joined Urbis from PricewaterhouseCoopers in 2000 and was a Board member of Urbis for over 12 years during which time Urbis grew from some 50 staff to over 600 staff and one of Australia’s 500 largest private companies.

Mr Hyland is one of the Asia-Pacific’s most respected urban land-use strategists. He has led large multidisciplinary teams on projects including inner city renewal and new city developments, major port and airport master plans, and resort and shopping centre developments.

Mr Hyland’s 35-years’ experience spans Australia, the Asia-Pacific, Europe and the Middle East. He has undergraduate and postgraduate qualifications in urban planning and economics.

His ability to marry economic and planning considerations has made him a trusted advisor internationally to major private and public companies and all levels of government.
Mr John Anderson
Executive General Manager - South East Asia, John Holland

Mr John Anderson offers more than 24 years' engineering experience working on large-scale projects in Vietnam, Indochina, Sudan, Hong Kong, Singapore, Indonesia and Australia.

As the John Holland Executive General Manager with responsibility for South East Asia and Western Australia, Mr Anderson brings experience working in different environments on large multi-disciplinary projects.

Mr Anderson is a leader in collaboration and he places the utmost importance on maintaining strong and meaningful relationships. He has a proud history of fostering a culture of safety, driving the right behaviours at all levels to ensure the best project outcomes for all stakeholders.
Mr Richard Paine, Managing Director, Paya Lebar Quarter, Lendlease

Mr Richard Paine has over 30 years of property industry experience and has worked on numerous high profile projects, in partnership with co-investors and on fund mandates in the Asia Pacific region. With 19 years’ real estate experience in Asia, Mr Paine has developed an extensive network with government agencies, investors, banks and key stakeholders. He has a very good understanding of the success factors for property development, ownership and performance.

He leads Paya Lebar Quarter, a centrally located international mixed-use development and a key catalyst to the URA masterplan to transform Paya Lebar into Singapore’s new business and lifestyle hub. Mr Paine’s vision for PLQ is to be Singapore’s most progressive and sustainable precinct creating a vibrant city life with next generation workplaces and residences, dynamic dining and shopping options, and generous green public spaces.

Mr Paine was previously Managing Director of Investment Management, Asia, where he was responsible for the Lendlease Investment Management, Asset & Property Management businesses in Asia, with over S$5 billion in assets under management.

Prior to Investment Management, Mr Paine was Head of Integrated Solutions, leading a team in matching capital to the numerous project opportunities available to Lendlease. The team comprised research, capital transaction, equity sourcing and product development functions.

Mr Paine holds a Bachelor of Engineering (Mech) (Hons) degree from the University of Sydney. He also possesses a graduate diploma of Applied Finance and Investment from the Securities Institute.
Mr Omar Shahzad, Group CEO, Meinhardt

Mr Shahzad has been the Group CEO since 2013 where he oversees the global group’s performance, focusing on client management, group business expansion and diversification. Under his leadership, the group has grown significantly and was the first Singapore engineering company to be conferred the International Headquarters Award by the Economic Development Board of Singapore (EDB). Meinhardt also partnered EDB to set up two Centres of Excellence in Smart Cities and Project and Construction Management in 2014.

In 2012, Meinhardt set up a first-of-its-kind ‘Water Training Centre’ to provide managerial and hands-on training to private and public sector officials from across the world.

Mr Shahzad joined Meinhardt as the group’s Corporate Finance Director in 2008 before becoming Deputy CEO (2010 to 2013) overseeing the Group’s financial performance, investor relations and risk management. He was instrumental in growing the Group’s Middle East business.

Prior to Meinhardt, Omar was an investment banker with an international bank and involved in several landmark equity capital and fixed income transactions, mergers and acquisitions. He was an advisor for a US$2 billion sovereign bond offering for the Republic of Indonesia; a US$70 million acquisition of Advanced Interconnect Technologies by Unisem (M) Berhad; and a US$415 million acquisition of a 20% stake in EON Capital Berhad by Primus Pacific Ltd.

Mr Shahzad started his career as a Management Associate and subsequently worked as a Credit Analyst for one of the major global banks in Singapore.
Mr Yeo Choon Chong  
CEO Singapore, Surbana Jurong

Mr Yeo Choon Chong is a CEO of Singapore Division and concurrently Group Managing Director of KTP Consultants Pte Ltd. A veteran and qualified engineer with 30 years of experience in domestic and international project management, infrastructure master planning and architectural/engineering consultancy, Mr Yeo manages Building Consultancy Services, Healthcare and KTP Consultants. Mr Yeo joined Surbana Jurong in 2016.

During the Middle East construction boom, Mr Yeo was involved in the construction of more than 25 million sq. ft. of developments in the span of six years. The notable mega projects include The Dubai Mall, Festival City, Capital Plaza, and Pearl Qatar. Mr Yeo is a keen advocate of setting industry standards in innovative design, sustainability and buildability. He sits in several professional committees to promote these initiatives, including Singapore’s Building and Construction Authority. Mr Yeo is a recipient of numerous Buildability and DESEA (Design & Engineering Safety Excellence Award) awards for projects such as City Square Residences, Jurong Point and Metropolis.
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