

Tony Chan



Profession

Urban Planner
Sustainability Consultant

Current Position

Associate Principle
Planning Leader SE Asia

Joined Arup

2006-2016, 2019

Years of Experience

23

Nationality

Malaysian

Qualifications

Business Economics MBA
Module, Imperial College, London
(2013)

Masters of Built Environment
(Sustainable Development),
University of New South Wales,
Sydney, Australia (2002 – 2003)

Graduate Certificate in Project
Management, University of
Technology, Sydney (1998)

Bachelor of Town Planning
(Honours), University of New
South Wales, Sydney (1992 –
1996)

Certified Practising Planner
(Australia).

LEED® Accredited Professional

Professional Associations

Member of Planning Institute of
Australia (1998-current)

Member of Urban Land Institute
(Washington, D.C.) (2004-current)

Tony has degrees in Town Planning (Honours) and Built Environment (Sustainable Development) from the University of New South Wales in Sydney, Australia. He also has additional post-graduate studies in Business Economics and Project Management from the Imperial College, London and the University of Technology, Sydney.

His expertise lies in delivering multi-disciplinary projects in an integrated manner. This includes developing master planning and urban design with associated strategies (Energy, Water, Transportation, Waste, Environmental, Social etc.) to address natural resource consumption.

Tony has worked with the private sector and governments of all levels mainly at the State, city and local levels during his working experiences particularly in China, Hong Kong, Australia, Malaysia and other South-East Asian countries. He is particularly adept at understanding the local political context, assisting government, public and private sector clients to develop a strategic sustainable vision, objectives and key performance indicator targets, and finally realizing them in the form of contextually relevant and implementable policies, statutory plans and instruments.

He is also often invited to present at various urban planning & sustainability conferences around the region. His current areas of interest include innovative sustainability assessment tools, industrial ecology, new technologies in renewable energy, smart cities, climate change and city resilience strategies.

Tony has vast amount of experiences leading multi-disciplinary projects and teams. He is also particularly adept at integrating multi-disciplinary sustainability objectives into projects.

2019 – Present

Arup (Singapore)

Associate Director, South-East Asia Cities & Planning Leader

- Assisting Arup to grow our Planning & Advisory business in South-East Asia.
- Indonesia Capital City, Technical Feasibility and Development Framework Study – Project Team Leader
- Batam Hang Nedim Airport, Indonesia – Aerocity Planning Leader.

Publications

World Economic Forum. The Future of Urban Development Initiative: Dalian and Zhangjiakou Champion City Strategy, 2014.

Chan, Tony. Challenges for Sustaining China's 'New' Urbanization Process: China Lab Guide to Megablock Urbanism. Columbia University, 2018 (to be published).

Envision 2050: The Future of Cities, 2014
<http://ensia.com/features/envision-2050-the-future-of-cities/>

Selected Conferences

2019 9th Annual City Development Conference, Singapore, Speaker and moderator

2019 Rak Mao Fest & BUILK Construction Forum, Bangkok. Speaker

2019 Affordable Housing & TOD Forum, World Bank, Jakarta, Speaker and panelist

2019 Transit Oriented Development Conference, Singapore, July 2019, Chairperson and panel moderator.

6th Annual Malaysian Rail Conference, June 2018, Speaker

6th Annual Urban Renewal Conference, August 2018, Speaker

Transport Infrastructure & Integration Conference, Singapore Nov 2017 – Speaker

Transit Oriented Development Asia Summit, Hong Kong Aug 2017 – Speaker

Frontiers of Engineering for Development Symposium, Cambridge Nov 2016 - Speaker

UNESCAP/ UN Habitat 16th Asia Pacific Urban Forum, Jakarta Nov, 2015 – Plenary Speaker

2016 – 2019

CPG Consultants Pte Ltd. (Singapore)

Senior Vice President

- Project Director, Master Consultant – Eastern Economic Corridor Study, Thailand
- Joint Project Director/ Sustainability Lead – SM Supercity Masterplan, Manila, Philippines
- Project Director - Kunshan Transit Oriented Development Plan for 10 Stations, Kunshan City, Jiangsu Province, China
- Project Director – Yanchuan City Masterplan, China
- Project Director – Sihanoukville Islands Reclamation Concept, Cambodia
- Project Director – Putra Nilai Township Strategy, Negeri Sembilan, Malaysia

2006 – 2016

Arup (Shanghai)

Associate Director, Planning Leader

- Technical Advisor - World Economic Forum (WEF) – The Future of Urban Development Initiative: China
- Lingang District, Shanghai Low Carbon Strategy
- Beijing Capital Steel Site (8km²) Eco-Plan.
- Shanghai Post Expo site Low Carbon Plan
- Gaochun District, Nanjing Tourism Masterplan, Landscape Plan, Statutory Planning and Infrastructure Plan.
- Masterplan and Detail Urban Design project around the Suzhou High Speed Rail New City Development Area.
- Qingdao West Coast New CBD Masterplan.
- Shanghai Expo Low Carbon Planning Strategy.
- Hualian, Guanghua Media Park City Plan, Taiwan.
- Qidong, Chongming Island Development and Construction Plan (12km²), Greenland Developers.
- Xinbei City, Taiwan - Sustainable Design Guidelines
- East Tai Lake, Suzhou Strategy Plan.
- Foshan Metro TOD Masterplan..
- Zhoushan Island New Area Masterplan.
- Taichung PMIT Park Masterplan & Urban Design, Taiwan.
- Nanjing South City Masterplan.

World Future Council - Future Cities Forum, Tianjin, Sept 2015 - Speaker

Responsible Business Forum on Sustainable Development, Singapore, Nov 2014 – Panel & Speaker

International Green Energy & Building Conference, Beijing 2014 - Speaker

CityNet/ UNESCAP Congress, Seoul 2013 - Speaker

Sustainable Cities Conference Singapore 2010 & 2013 – Speaker

Cityscape 2010, Singapore - Speaker

Datum Green Forum 2009, Kuala Lumpur - Speaker

- Changshu Kuncheng Lake Masterplan.
- Shijiazhuang New City Low Carbon Plan.
- Wuxi Taihu New City, Eco-Plan.
- Miyi New South Town Sustainability Plan and Infrastructure Plan, Sichuan Province, PRC.
- Dombivili Sustainable Masterplan (50 hectares) and Sustainability Strategies, Mumbai India.
- Knowledge & Innovation Community (KIC) North Village Masterplan.
- Changxing Eco-City Masterplan (600 hectares), Beijing, PRC.
- Urban Regeneration Study for the Changchun Railway South District (4 sq. km), including identification of target action areas, areas of improvements and recommendation on implementation priorities, Changchun, Jilin Province, PRC.
- North Lake Ecological District Masterplan (40 sq. km), Changchun, Jilin Province, PRC.
- Railway North North District, City Competitiveness Study (30 sq.km), Changchun, Jilin Province, PRC.
- Conceptual Landscape Masterplan (1.5 sq. km) for Tai Lake front, Huzhou, Zhejiang Province, PRC.

2004 – 2006

Townland Consultants Ltd. (Hong Kong S.A.R.)

Senior Town Planner/ Urban Designer and Project Manager

- Duties performed include project management, planning studies, development consultancy, marketing and master planning projects including urban design, environmental impact assessments and planning reports. Areas of expertise include sustainable development designs and urban design guidelines and ranges from strategic to site specific planning.

People's Republic of China

- Overall Conceptual Planning for Zhoushan, Zhejiang Province, PRC (Competition - First Prize & recipient of HKIP Award)
- Masterplan and Detail Guidelines for Yuxi City, Yunnan Province, PRC (Competition - Joint First Prize)
- Masterplan for a 470 ha waterfront site, Inning District, Xiamen City, Fujian Province, PRC (Competition - Second Prize Award)
- New University Town and Administrative Area Land Use Plan and Focus Area Masterplans, Chongqing City, PRC. (Competition – Third Prize Award)

- Masterplan of Pihe Section (1,000 ha) in Xindu District, Chengdu City, Sichuan Province, PRC
- Land Use Plan and Focus Area Masterplans for a 100km Ring-Road Corridor in Foshan, Guangdong Province, PRC.
- Land Use Plan and Focus Area Masterplans for Qingyin Highway, Chengyang County, Shandong Province, PRC.
- New City Masterplan for Shuangliu County (approx. 20sq kms), Chengdu, Sichuan Province, PRC.
- Overall Land Use Plan and Focus Area Masterplans for a Bus Rapid Tran-sit Corridor (approx. 12kms), Jinan, Shandong Province, PRC.
- Masterplan for the ‘New Asian City’ (18 sq kms) in the New Kunming City, Yunnan Province, PRC.
- Overall Conceptual Masterplan for reclamation site (62 sq kms) in Dongying County, Shandong Province, PRC.

India

- Conceptual Masterplan (1,700 ha) and planning report for Dankuni New Town, Kolkatta, West Bengal, India.
- Land Use and Mixed Use Masterplan a 9.7 ha site in Dugapur, West Bengal, India. This project also include social re-housing and on-site relocation of existing small stall owners.
- Land Use and Master plan for a 281 ha site in Bolpur, West Bengal, India. Uses on the site include a Retirement Village, Hospital, Boarding School, Nursing College, Commercial, Sporting Facilities, Open Space and Light Industrial uses.

Taiwan

- Master planning of four Mixed-Use Centres (Taoyuan, Tainan, Tai Chung & Chiayi stations) for the Taipei to Kaohsiung High Speed Rail Stations.

United Arab Emirates

- Conceptual Masterplan & Architecture for a High Density Mixed Used Development (8 hectares) at Ajman, United Arab Emirates

Hong Kong, SAR.

- Rezoning Requests for two multi-storey mixed-use sites for Residential, Commercial and Public Car Park Uses, Yuen Long, Hong Kong
- Section 17 Review for composite Hotel and Public Open Space Development, Wan Chai, Hong Kong

- Development Consultancy advisory services in respect of proposed Residential and Open Space development at Yau Kom Tau, N.T., Hong Kong

2002 – 2004

Whelans Insites (Sydney, Australia)

Senior Urban Planner/ Designer & Project Manager

- Responsible for the planning and project management of urban development projects including preparing environmental, planning and property investigation reports.

2002

City of Canada Bay Council (Sydney, Australia)

Town Planner

- Responsible for development assessments of residential and retail/ commercial developments within the Local Government Area.

1998 – 2001

Mepstead & Associates Pty Ltd (Sydney, Australia)

(Surveying, Engineering, Planning and Development Consultants)

Project Coordinator & Urban Planner

- Extensively involved in providing planning advice and project managing residential & industrial development projects from initiation to project completion within the required time, cost and quality.

1997

Urban Design Advisory Service, Department of Urban Affairs & Planning (Sydney, Australia)

Urban Planner

- Involved in preparing the Australian Model Code of Residential Development and New South Wales Code workshops for local government and housing industry practitioners. Advising clients on the New South Wales Code (for residential development).

1994 – 1995

Department of Housing, New South Wales, Australia (Sydney-Bankstown Business Team)

Student Planner

- Worked in a multi-disciplinary team of engineers, architects, planners and project managers to plan, design and obtain housing development approvals. Preparing Statements of Environmental Effects, communicating with local councils,

site inspections, assessing acquisition projects, meetings and advising other staff and public on planning issues.

1992 – 1993

AJC Architectural & Planning Consultants (Kuala Lumpur, Malaysia)

Student Planner