

36 CIRCLE

ICONS Regional Creations
FOUNDATIONS Masterplanning
FUTURE PROOFING Disruptive Innovation
LEADERSHIP Constantly Adapting

Perspectives on design, engineering & management



EXPERIENCE
BEYOND.

VISION Experience Beyond

PURPOSE To Improve the World in which We Live

ROLE To Enhance the Well-being of Inhabitants through Excellence in Sustainable Design

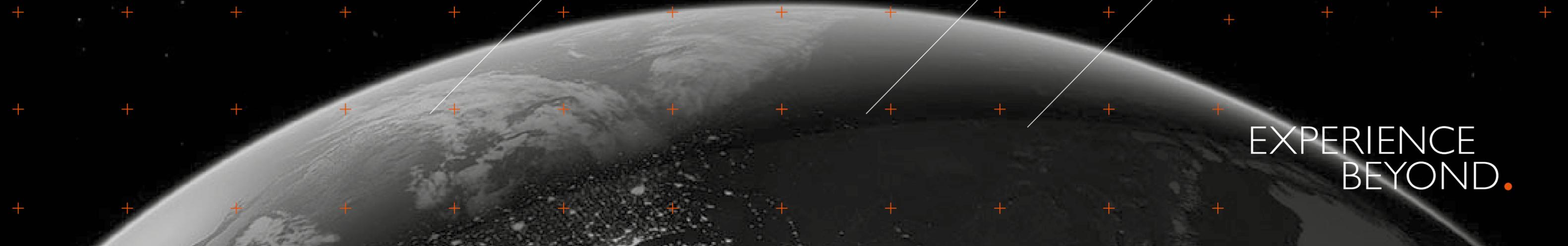
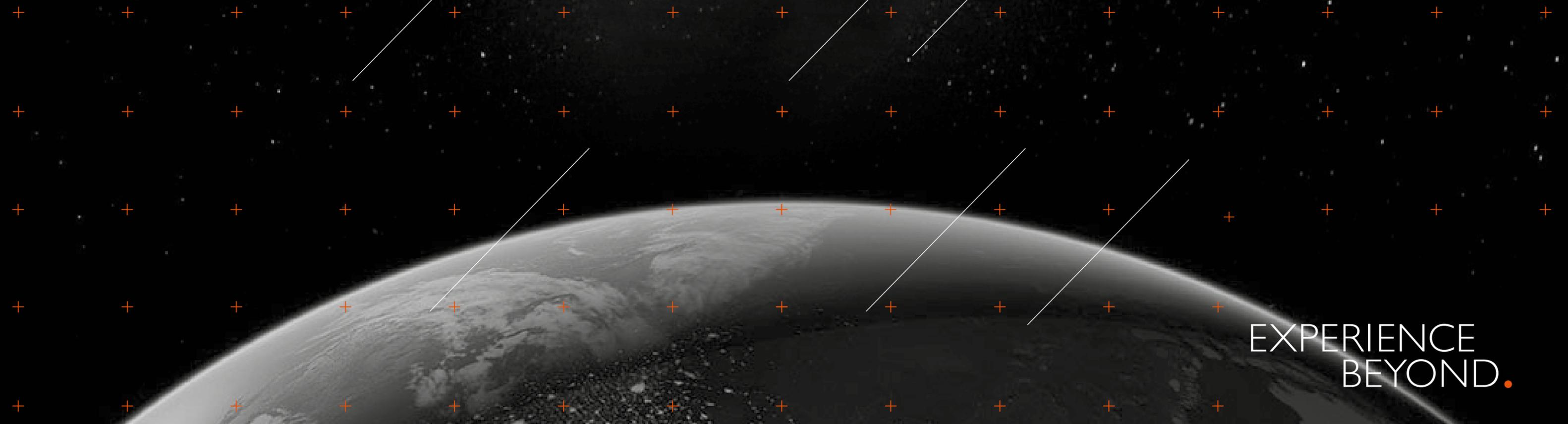
“
Today is the
most primitive
form of tomorrow.”

Ong Tze Boon
Group Executive Chairman



Discovering New Horizons through the Power of Innovation

At ONG&ONG, positioning ourselves at the crest of paradigm shifts ensures our future readiness. We pride ourselves on our agility, and seize possibilities at each point of disruption, embracing and creating new tomorrows to deliver an EXPERIENCE BEYOND.



EXPERIENCE
BEYOND.

Experience Beyond Connectivity

An ONG&ONG Project

MacPherson MRT Station, Singapore

Land Transport Excellence Awards 2019

Best Design Rail / Road Infrastructure — Project Partner Award Winner

Fire Safety Design Excellence 2017

Public Infrastructure Category, Outstanding



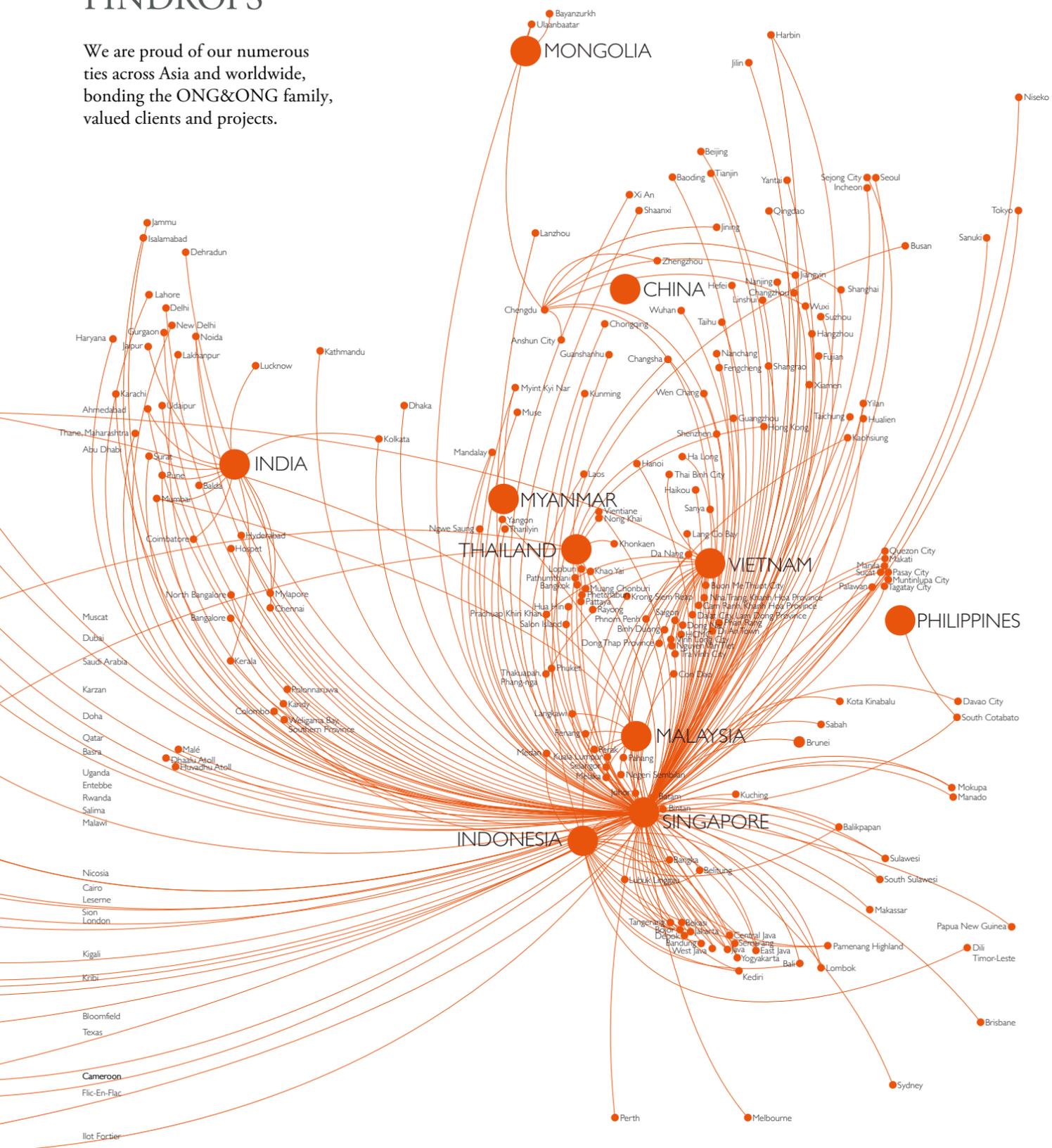
A black and white photograph of a large herd of zebras running through a savanna. The zebras are in motion, with some in the foreground and others receding into the background. The background shows sparse trees and a hazy horizon. The overall scene is dynamic and captures a moment of natural activity.

Experience Beyond
Forging New Frontiers

EXPERIENCE
BEYOND.

ONG&ONG PINDROPS

We are proud of our numerous ties across Asia and worldwide, bonding the ONG&ONG family, valued clients and projects.



EXPERIENCE
BEYOND.

The world's essential growth.



UNCOVERING OPPORTUNITIES

应变
Change
மாற்றம்
ပြောင်းလဲခြင်း
Өөрчлөлт



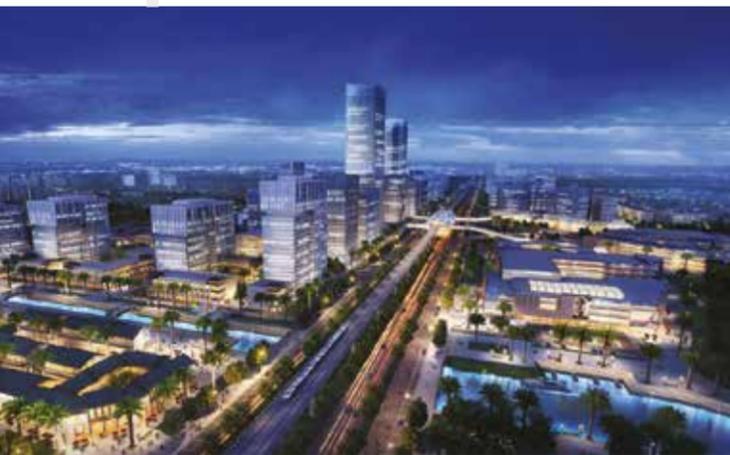
The Collection



Jadescape

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SwanCity

Baguhin
เปลี่ยนแปลง
Perubahan



ONG&ONG Office

EXPERIENCE
BEYOND.

A world of potential.



28°C
PARTY CLOUDY

MALAWI
AFRICA

UNCOVERING OPPORTUNITIES

ONG&ONG QUICK FACTS: FY17/18

We Understand

Asia

The ONG&ONG Group has 12 offices in 10 countries across the region

- SINGAPORE
- CHINA
- INDIA
- INDONESIA
- MALAYSIA
- MONGOLIA
- MYANMAR
- PHILIPPINES
- THAILAND
- VIETNAM

Multi-Disciplinary Appeal

650

PROFESSIONALS

specialising in various disciplines



We're Glocal

86%

of staff are hired locally

Youthful Vigour

50%

of staff are below 35 years of age

Health is Wealth

10%

decrease in sick leave compared to FY16/17

Our holistic regimen comprises

- 360Fit Rewards
- Medical Benefits
- Health Screenings

We've secured

342



PROJECTS

Capability Development

We're continuously improving our expertise in

- DIGITALISATION
- DESIGN
- INNOVATION
- PRODUCTIVITY
- SERVICE EXCELLENCE
- SUSTAINABILITY

Lifelong Learning Culture

436

LEARNING PROGRAMMES

More than 1.7 learning programmes per day

279 | 157

INTERNAL | EXTERNAL

245

Singapore

97

Around the globe

EXPERIENCE
BEYOND.

Where the world's your oyster



UNCOVERING OPPORTUNITIES



From hospitals to community hubs across the region, the buildings may vary, the services provided may differ, but the underlying paradigm remains — **Changing lives for the better.**

Jadescape Singapore

Principal Leads and Team Members

Ashvinkumar Kantilal, Andrew Lee,
Lai Tien Yong, Armel Sales, Christina Sumanga,
Doris Eng, Frederick Santiago, Joanne Goh,
Michelle Magat, Natapon Akomsoontorn,
Norma Agonias and Ryan Manaloto

Architecture

Teo Boon Kiat, Jaron Low, Larry Wang,
Samantha Ho and Yu Aitong Interior Design

Tan Peck Khoon, Shahrom Bin Mohamed Ariff,
Teh Yong Hui, Chun Junyuan and Yeong Ziang
Mechanical & Electrical Engineering



顺福轩的开发建设围绕着绿化植物为中心，保持产业浓厚的概念，价值与自然环境的生活态度。



Befitting thoughts of flourishing gardens and prestige emerge when Jadescape is mentioned – apt images for a development so picturesque.

A joint collaboration with Tange Associates, this condominium at Shunfu reflects the same tranquility of nearby nature parks MacRitchie Reservoir and Bishan Park. Situated in the middle of a cluster of matured estates, Jadescape takes pride of place as a prominent residence for the modern family.

Jadescape offers aspects of healthy living and wellness, reflecting the abundance nature around the development.

The site proved challenging with its uneven terrain. Nonetheless, the arrangement of the residential towers, sited in verdant landscaping, ensures breathtaking views from every aspect. The towers are also positioned to mitigate sun exposure and optimise natural ventilation. In turn, this creates unique nooks throughout the estate with a diversity of moods.

The building forms are intended to beautify the skyline, hence the edge profiles of each building were made identical in height, for iteration, and also to break down the building masses, providing added visual definition.

Drawing upon oriental aesthetics, Jadescape's timber-resembling cladding, frames and lattice screens soften the urban building façade.

The development feature rich greenery and water feature, including amenities such as a gym, lounge, an infinity pool, an island deck and a sky terrace.

Of the various apartment sizes available (including two penthouses), one stands

to appeal to a growing demographic in Singapore and most of Asia: the ageing population. The Special Gold Standard Room layout features handrail assists around the apartment, non-slip tiles, ramps, emergency alarms, inconspicuous lighting and accents, and low-tilt/see-through cabinets for easy access. Think of it as a premium way to retire, affording peace of mind.

With regards to sustainability, lightweight concrete panels and low VOC emitting paint were utilised, reducing energy consumption. Motion sensor lights ensure energy savings are maximised, while naturally ventilated corridors and common areas promote environmental conservation.



MacRitchie Reservoir

MacRitchie Landscape Reimagined

Jadescape Picturesque Garden



American International Hospital Ho Chi Minh City, Vietnam

Principal Leads and Team Members

**Raymond Thai, Bui Thi Bang Tam,
Nguyen Viet Phuong, Au Nguyen Thuy An
and Nguyen Huu Phuoc** Interior Design

Healthcare accessibility has always been a driving concern for developing countries. As populations grow, the demand for quality hospitals along with specialists and facilities increases.

The American International Hospital (AIH) is one of the first hospitals in Vietnam to be designed and operated in adherence with world-class standards. Located in An Phu Urban Area, District 2, a fast developing section of Ho Chi Minh City, it holds 120 beds over 10 storeys, and is equipped with advanced medical facilities that supersede the surrounding hospitals.



AIH là mô hình bệnh viện khách sạn đầu tiên tại Việt Nam. Bệnh nhân sẽ được hưởng các dịch vụ như một khách sạn 5 sao với cảm giác gần gũi, an tâm.

Biểu tượng của “Sự Khởi Đầu Mới” là nguồn cảm hứng để tạo nên mối liên kết giữa thiên nhiên vào trong không gian thiết kế.



The AIH is helmed by highly-skilled medical practitioners and specialists trained in the USA and Vietnam, under the Joint Commission International Certification and majoring in six disciplines: Obstetrics, Pediatrics, General Surgery, Urology, Gastroenterohepatology and Cosmetic Care. One of its main focuses is research and collaborations with other reputable American hospitals.

Responding to the needs of Asia's upcoming Medical Tourism market, AIH combines the assurance of quality healthcare with a holiday-like ambience that allows for convalescence. This market is set to grow at a rate of 25% per annum for the next 10 years.

The tailored interiors provided by ONG&ONG fuse quality medical care with a premium, hotel-like environment. The comfortable spaces have a positive effect on the psychology of patients, enhancing healing and promoting recovery. With private rooms, gardens, artwork installations and posh common areas, patients feel cosseted in a five-star experience—nerves soothed for improved peace of mind.



“**Perkembangan dan pembangunan urbanisasi ini dijangka akan meningkatkan status dan reputasi global Malaysia, selaras dengan aspirasi negara itu.**”



Greenfield Residence Selangor, Malaysia

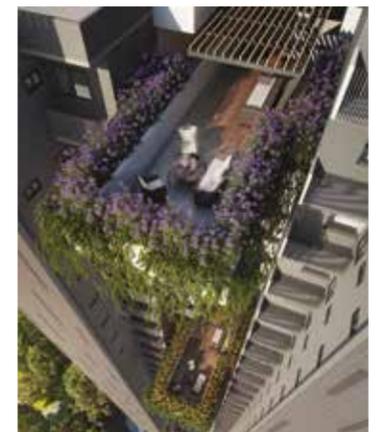
Principal Leads and Team Members
Ng Cho You, Haniffi Harun and Nurul Hanani Abdul Khalid Architecture

Greenfield Residence is a harmonious symphony of water, greenery and style that forms an exquisite living space.

This elegant residential development comprises three towers with a total of 816 residential apartments, complemented by lifestyle retail shops and state-of-the-art recreational facilities below.

The car park podium levels break the monotony of the massing's vertical lines, presenting the onlooker with a visually appealing façade.

A wide selection of apartment types and layouts appeal to different market segments, with most units overlooking the central landscaped park with expansive pools and forested greens.



While the development employs clean architectural lines with subtle colours to create a sleek appearance, the green features soften the modernity of its walls with carefully manicured creepers and plants. Ranging from cascading sky gardens to pocket gardens, Greenfield Residence reflects sustainability while also providing luxe living.

The posh internal concourse drop-off porch offers additional privacy and security to the residents, while conveniently offering an area to host activities safely sheltered from the hindrance of weather.

A full suite of amenities within the development further boosts the resort style living experience. There is an Aquatic Cove for water activities, a Central Green

Park for nature lovers, an Energetic Corridor for active individuals and the Residential Facilities that include a floating gymnasium, yoga studio and even a library.

A meld of sybaritic living and modern convenience, it is truly a place to 'Worry Less, Live More' – the slogan of the development.

THE COLLECTION



The Collection Bangkok, Thailand

Principal Leads and Team Members

Teo Boon Kiat,
Lester Han Fengguang,
Ralph Harvey Malapo Yuson and
Tud Tudhatai Kosiyachinda

Interior Design

Stanley Tan and Emeric Lau

Brand Engagement



Nestled within a prime location in the heart of Bangkok at Sukhumvit 16, is The Collection. Supported by ONG&ONG's Interior Design team and IMMORTAL, the development is a dream come true for the well-heeled coterie, with a classy, well-furnished 40-unit Hotel Tower and a 443-unit Residence Tower.

IMMORTAL crafted the messaging strategy, shifting the traditional focus of marketing from the development itself to paying due attention to the target audience. This gave rise to four personality profiles for which

the luxury development held most appeal: The Trendsetter, The Traveller, The Thinker, and The Diva – glorified characters that the interior design team predicated the units, facilities and show gallery upon.

World-class materials were utilised, with beadblasted stainless steel, walnut laminate walls, brass finishes and rose gold splashes. A rose gold spiral staircase (particularly picturesque), was placed in the Sky Lounge, while the extravagant Powder Room contains several full gold additions.



ONG&ONG และ IMMORTAL บรรจงออกแบบ ห้องพัก ทั้ง 40 ห้อง ในส่วนของโรงแรม และ ห้องพักอาศัย 443 ห้อง ในโครงการ THE COLLECTION โดยได้รับแรงบันดาลใจ และสร้างสรรค์มาจากผู้คน ที่มีไลฟ์สไตล์ต่างๆ กันใน กรุงเทพมหานคร

และ เมื่อแรงบันดาลใจมาจากผู้คน ดีไซน์จึงมาจากการ ใช้ชีวิต และรสนิยมของผู้คนที่ต่างกันไป ทั้งการดีไซน์ เฟอร์นิเจอร์ วัสดุ เส้นสาย และแพทเทิร์นที่ใช้ในงานผนัง และพื้น วัสดุที่ใช้เป็นวัสดุระดับพรีเมียม และการสร้างเส้นสาย ก็เป็นจุดเด่น และภาพจำในดีไซน์โดยภาพรวม

โดยเฉพาะอย่างยิ่งในส่วนดีไซน์ของ ล็อบบี้ และ สกาย เลานจ์ ของโรงแรมที่แสดงถึงความหรูหรา โดดเด่น แต่ยังคงมีความพอดี ที่มีนิมอล น้อยแต่มาไว ด้วยผนังไม้ วอลนัท และพื้นหินอ่อนจากอิตาลี



Black and grey marble tiled flooring was chosen for the public areas, while chevron-styled aged oak timber floors were selected for a majority of the units.

Vertical lines inspired the interiors, with a posh and minimalist approach to the residence and hotel lobbies featuring elegant touches of walnut finish and black and grey marble flooring.

The amenities are extensive, including a residents' lounge, gym, a private meeting room, co-kitchen space, library lounge and a swimming pool.

But the true gem of the facilities is the Sky level, which features a bar, jogging route, garden and a Sky lounge. A place to revel in both the views and company, the lounge feature glittering chandeliers, floor-to-ceiling windows, black marble bar tops and plush furniture.

A timeless and immaculate sensibility makes The Collection not just a place to come home to, but an embrace of life's finer things, without compromise.





37FC-House Singapore

Principal Leads and Team Members
Diego Molina, Maria Arango,
Tomas Jaramillo, Julius Caramat,
Eleazar Manahan and Ryan Manuel
Architecture



Secluded within an exclusive residential pocket, this home was designed for a multi-generational family. It maximises the plot boundaries, and this resulted in a palatial four-storey structure, complete with an attic and basement. Granite tiles line the driveway area, in contrast to the textured, fair-faced concrete and floor-length mirror glass window that dominates the front façade. The usage of teak warms the house tastefully, creating a homely ambience.

Moving the service areas to the front of the house (for more spatial allowance), allows the well-equipped kitchen to be at the back end of the home, coloured with

deep grey finishes along with a black stone island countertop for culinary exploits. Hand-selected furniture decorates the living room, flowing towards a verdant garden at the rear of the house. Glass panelling extends lengthwise across the ground floor, showcasing the greenery that adorns the outer edge of the home, forming a subtle boundary separating the new home from neighbours on either sides. Greenery is also incorporated into the various levels of the house, adding a taste of nature on each level.

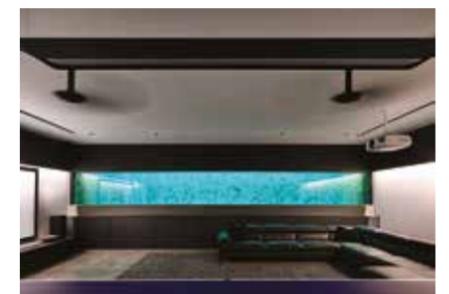
The ground floor living room boasts polished concrete, featuring a system

of retractable floor-to-ceiling glass windows leading to the backyard garden and bluish sukabumi-tiled lap pool.

The second floor, 50 percent larger than the ground volume, is constructed as a rectangular volume of textured fair-face concrete, with bedrooms facing an unobstructed view of the street and garden. The master bedroom comes complete with a walk-in-wardrobe and an expansive master bathroom, while two junior suites overlook the backyard garden and pool area.

A sculptural black steel staircase joins the four floors of the home, with a teak strip motif spanning the length of the aligning wall. The stairwell leads to the basement which houses a state-of-the-art multimedia room, where light from the swimming pool flows into the subterranean space through a glass port. The top of the staircase opens up to an attic that also doubles as a guest bedroom, where space allocated for greenery and a water feature adds life.

37FC-House boasts solar panning that reduces energy consumption, and nighttime lighting programmed with a multi-setting timer. These measures contribute to almost 30% overall energy savings within the home. The homeowner was also supplied with a mobile application for an added measure of control, allowing him to remotely adjust home settings for more peace of mind.





Tekka Place

Singapore

Principal Leads and Team Members

**Steven Low, Tong Pey Haw,
Belinda Bernadette Wong May Yee,
Debbie Pradinata Sim, Chan Lai Yoke,
Chua Zhengyu, Greg Cinco and
Jason Gan Kok Chuan** Architecture

Singapore's Little India houses streets chock full of diverse cultures, and are visited by local shoppers and tourists alike. With Tekka Place located at the top of Serangoon Road, it was vital for the architecture to capture the soul of the precinct. The development comprises a 10-storey main block, a seven-storey annex block with a rooftop deck, serviced residences and five levels of parking.

Previously known as The Verge Mall, this integrated development is envisaged to deliver an illuminating retail experience, underscored by its positioning as the gateway to Little India.

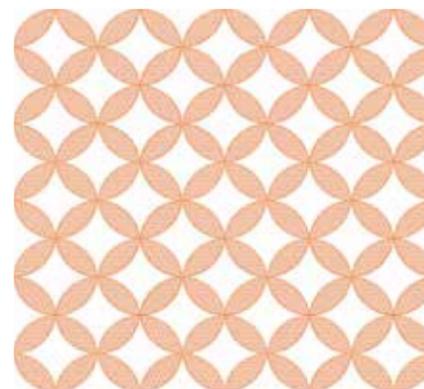
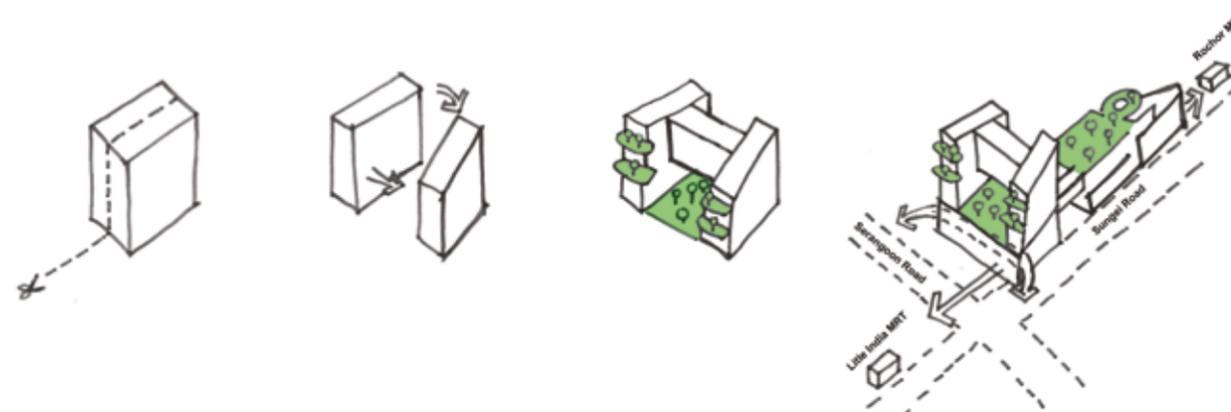
Cultural references such as the lotus petal (a prevalent motif in Indian culture) are utilised as motifs on the façade screens, in a rhythmic pattern to represent Little India's shophouses with open and closed louvred windows.

The spatial experience continues within the building, extending the vibrant and bustling streetscape into the commercial podium. An internal street bisects the podium, connecting Serangoon Road to Clive Street through Tekka Place. Tekka Place is poised to "provide a unique space to live, dine, entertain or simply relax and enjoy the vitality of Little India," said Mr Peter Ow,

Property Director of Lum Chang and spokesperson of the joint venture. To further embrace the area's rich culture, dedicated spaces are in the pipeline to host relevant arts events.

The mall spans 70,000 sq ft of retail space encompassing 80 units spread across the basement and first two floors of the main block. F&B choices with views of the city will be perched on the outdoor rooftop area.

Occupying the upper floors of the main block is Citadines Rochor, a 320-unit serviced residence with studio and one-bedroom units. Facilities include a lounge, gym, launderette and swimming pool. Designed as a vertical neighbourhood, the block is split into two smaller massings, with verdant greenery softening the form, in parallel with the streets below. Tekka Place is slated for completion in late 2019.



LANDSCAPE



8 St Thomas Singapore

Principal Leads and Team Members
**Shahrom Bin Mohamed Ariff and
Chun Junyuan**
Mechanical & Electrical Engineering
Lena Quek and Gener Galac Landscape



Located on a knoll off River Valley Road, near the Singapore River, is 8 St Thomas. Breathing life into the architecture and landscape with water features and verdure, it is a balance of nature and urbanity.

Designed by DP Architects as an uber-condominium, the architecture was inspired by the works of world-renowned Piet Mondrian, whose principles in Neoplasticism sought to help humanity achieve perfection and anthroposophy.

These principles inspired the landscape concept of "The River Valley", utilising natural features to improve the overall wellbeing of the residents in both body and mind.

The development is ensconced within a perimeter of vertical strata lining, mimicking a canyon wall and accentuating the main feature – a curved grand green wall spanning more than 50m in width that imparts a sense of wonder.

A walkway leads from the drop-off area to the main amenities within the Water Court, concealed by a unique back-to-back feature wall of natural green facing the lap pool and woven brass facing the porte-cochère.

The landscape design imitates a cerulean river valley network with water cascading from the hillside into a series of recreational lagoons.

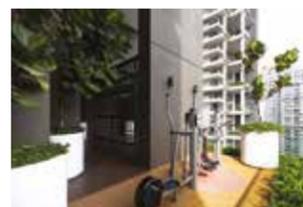
The amenities within the Water Court include an impressive pool network designed to look like a single water body, though with different elevations and sizes: there is a 40-metre lap pool, a lounge pool, a continental deck for sun tanning and a family-sized hot tub. The children's pool, located next to the clubhouse, is in a separate lagoon, and is livened up with water playground fixtures to encourage activity.

Sports facilities include tennis courts, fitness stations and a looped footpath on the roof terrace that serves as a jogging track overlooking the amenities.



Features

- Concierge Reception
- Arrival Plaza
- Sunshine Deck
- Water Feature
- Lap Pool
- Lounge Pool
- Spa Alcove
- Kids Splash Pool
- Continental Water Deck
- Sanctuary Pool
- Garden Barbecue Pavilion
- Children's Funplay
- Fitness Corner
- Tennis Court
- Guardhouse
- Pedestrian Side Gate
- Function Room
- Gymnasium
- Steam Room
- Garden Trail (Upper Deck)
- Accessible Toilet
- Substation & Gen Set
- Bin Centre





Farrer Square Singapore

Principal Leads and Team members
**Lena Quek and
Roozen Nepomuceno** Landscape

Jerome Tan and Stephanie Ngiam
Lighting

In the heart of Little India sits a secret gem – Farrer Square, a 20-storey mixed development built to impress. It comprises a 12-storey hotel operated by Park Hotel group and another eight storeys of offices (specifically for medical suites), sitting on three floors of shops and a multi-storey car park.

A view of the lap pool sees a 1.8m high, curved waterwall, positioned to screen the sight of unattractive adjacent buildings whilst the sky terrace on the Rangoon Road side doubles up as the alfresco section for all-day dining amidst the greenery.

At the pool deck, additional event space comes in the form of two pavilions – an intimate one floating over the water, and a larger one at the opposite end to cater for events.

On the 13th storey, an L-shaped sky terrace is offered as a green lung for hotel guests to enjoy a nightcap while taking in the iconic Singapore city skyline.

The project's surrounding verdure creates a calming, intriguing exterior, with the greenery extending vertically.

The fifth storey has recreational activities for guests to reinvigorate themselves with spa seats, spa beds or a calming swim. On this floor, the all-day dining sits at the heart of the massing, enjoying the hotel with the office (medical suites) tower.





Manulife Singapore

Principal Leads and Team Members

Kee Choon Yen and Siti Syazwana Binte Yahya

Workspace Interiors

Stanley Tan, Gary Soh and Lim Pei Xuan

Brand Engagement



SCA Design has once again been tasked to design Manulife's newly acquired building Manulife Tower. With IMMORTAL's Environmental Wayfinding solutions, they were appointed to realise Manulife's workspace and upgrade the building for a fresh approach, complemented with wayfinding solutions.

Manulife envisioned an office that would allow employees to feel that they are "living the brand" and to achieve this, focus group workshops and online surveys were conducted to translate their vision. This process empowered employees to decide on their preferred working environment.

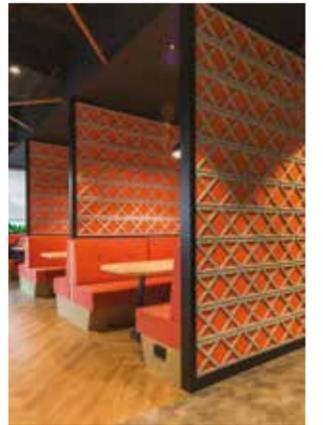
The new Manulife office, spanning over 100,000 sqft, illustrates the allocation of spatial usage to improve collaboration between employees, expressing

transparency with clients while embracing the evolving future strategy of the brand.

Upon entering the office, visitors will be greeted by a warm and inviting reception, featuring a harmony of marble and timber, while a nearby green wall inserts a natural touch to the area. The greenery subtly leads on to a corridor, hinting at a unified design language throughout the office.

The open concept layout encompasses dedicated zones for workstations, communal spaces, work cafés and meeting rooms on all levels. Each zone is strategically planned to strike a balance between collaboration zones and quiet spaces for individuals.

A unique feature was the phone booth area's red/green light indicator on the



ceilings to signify availability. To enhance the user experience, the indicator is visible throughout the floor plate.

To suit the various demands of meetings and social activities in the communal areas and work cafés, the furniture was carefully selected to sport a bold interplay of vibrant colours, evoking a living room-like setting, distinguishing itself from the work areas.

The interiors are completed with IMMORTAL's Environmental Wayfinding solutions, designing distinctive signage to bolster navigation and familiarity, and cleverly applying the secondary corporate colours of the company to demarcate the quadrants of the offices on all floor plates.

Enhancing the firm's ethos of interacting with people, a customer-centric experience was conceptualised in the public-facing customer service area. The customer service team welcomes visitors, followed by consultants tending to customers. If needed, customers are chaperoned to a more private seating area, screened behind a refined combination of warm copper undertones and cool stainless steel along with a trim of gold accents.

Much thought was put into the plush waiting area. The seating can be configured

to form individual seats with a cocktail table, enabling the area to be repurposed as an event space.

An LG colour transparent LED screen faces the busy intersection outside, displaying engaging and vivid content. It blends into the glass walls, teasing passers-by with interactive and appealing contents to the financial solutions offered within.

The lobby on level one was refreshed for an updated look with a colour palette that complements the finishes with a hint of greenery, together with wayfinding elements that harmoniously enhance the functionality and aesthetic of the space.





Wisma Geylang Serai Singapore

Principal Leads and Team Members

Tan Peck Khoo, Shahrom Bin Mohamed Ariff, Teh Yong Hui and Brandon Li

Mechanical & Electrical Engineering



Wisma Geylang Serai (WGS), nestled in the eastern region of the red dot, is Singapore's first-ever cultural heritage integrated hub, manifesting the government's intention to make the area more culturally distinctive and vibrant. Rankine&Hill was tasked to provide comprehensive MEP services, creating a platform to seamlessly integrate the project's architecture and landscape designs.



Key features at WGS are geared towards reduced energy consumption, including a chiller plant system (air conditioning) and LED lights. The objective was to integrate the architectural façade into the M&E design in order to provide the end-user with a forward-looking civic centre that is stylish and sophisticated on the inside, yet contemporary on the outside.

Engineers worked to carefully integrate the cooling towers and the chiller plant, concealing them from view to reduce obtrusiveness, with screening designed to improve the aesthetics of the building. It reflects a well-conceived M&E system that is not only effective, but that also took the overall objective of the project into consideration.



Seletar and Ulu Pandan Bus Depots Singapore

Principal Leads and Team Members

Wendy Tan, Josephine Loo, Khor Siew Hui, Elmer Jay Caparros Matriano, Joey Atienza, Gina Reniedo Bondoy and Anthony Gaza Bulilan Architecture

Richard Teo, Chionh Ken Kiat and Khin Myat The Win

Mechanical & Electrical Engineering

The Seletar and Ulu Pandan Bus Depots are the Land Transport Authorities' initiatives to provide adequate bus parking and maintenance services necessary for operation of new bus routes.

Transportation is essentially about the movement of people, and the design of the depots echoes this definition.

The depots are beautified by running an undulating linear ribbon window along the length of the entire façade. The variation in size and shape of the windows invoke a sense of change. In a design where form

follows function, visual interest is injected subtly where full-height windows are positioned for gathering spaces such as the canteen while smaller windows grant more privacy for offices and ops rooms. The change in window sizes and groove lines on the precast facade panels and perforated metal panels encapsulate the dynamic character of these bus depots.

Both depots feature a canteen, two-storey offices, refuelling and bus wash stations. In addition, rest areas have been designed for the bus captains to ensure they get the rest they need.



ENGINEERING

MASTER PLANNING

The statement “Rome wasn’t built in a day” is a literal testament to the rigorous time spent for masterplanning.

To ensure the efficiency of a township, it is the gatekeeper of what goes, and what does not in a city. Towns, cities, countries: human habitation of every scale benefits from masterplanning.

It is essential in forging a sense of community, of identity, building towns based on critical thought processes and ensuring efficiency of movement between spaces for the populace.

Yet it is much more than that. Future-proofing traffic flow, allocation of education, recreation, circulation, places of worship, every aspect you can envision; has been considered.

A strong master plan identifies viable areas for economic growth, it can serve to outline a town’s future – increasing the economic output of every precinct. Modern metropolises constantly undergo transformations to enable revitalisation.

In essence, Masterplanning is mapping out our future.



Pamenang Highlands Indonesia

Principal Leads and Team Members

Kurjanto Slamet, Jessica Ardelia, Alam M. Rizal Hamdani, Ma Gracia Del Agua Cruz, Giovanni Alarcon Bautista, Boris Armando Situmeang, Bayu Rizky Ramadhan, Hafizh Putra Rahmadya, Agratama Arfiano, D. Krisna Hardianto and Abhinaya Putri Pambharu

Masterplanning

Pamenang Highlands is nestled an hour's drive away from Surabaya and Juanda Airport. The location features a cool microclimate, being in close proximity to other highland features. Surrounded by nature, the plot is generally sheer, with a low population density.

An Agri-tourism Hub

The master plan envisions a day and night family integrated resort of 146 ha, owing to the precinct's rich Singosari and Majapahit history and cultures. In fact, the Surya Emblem, commonly found in the ruins around the site from the ancient Majapahit kingdom, is one of the main guiding principles behind the symbolic mandala. The concentric mandala features four tiers of influence, with purity at the centre. The proposal features a 5-star hotel and

villas to house visitors to two full-scale waterparks for families. With other venues such as an amphitheatre, cultural parks, a sunflower garden and agri-tourism farms, Pamenang Highlands is slated to become an irresistible attraction for family entertainment.

The master plan is interconnected with 3.7 kilometres of cable car ropeway with expansive views, with cable car stations on each of the four landmarks.

The four stations were designed with distinct concepts and programmes – A hilltop restaurant with a panoramic view, a treehouse, a horse-riding area connected to a garden and an observation tower overlooking the development.

Aside from daytime entertainment, the master plan will feature nine hectares of art, heritage and a mesmerising lighted park, around a pedestrian and cycling trail. This will open doors to collaboration with artists both local and global.

This entertainment and leisure master plan proves that developing for the future does not mean supplanting invaluable culture. All elements can thrive in harmony.

Masterplanning

Indonesia

Masterplanning is driven by the vision and needs of the community. In its most sophisticated form are smart cities with integrated technologies, space efficient planning and eco-friendly parks. Where tourism is a consideration, the plan must be dynamic enough to cater to the demands of travellers, while embracing the culture of the city.



Pamenang Highlands adalah resor terpadu keluarga lengkap dengan rekreasi siang dan malam seluas 146 hektar. Beragam atraksi seperti water park, taman budaya, dan agrowisata terhubung oleh kereta gantung sepanjang 3,7 km dan empat stasiun dengan konsep tersendiri – restoran atas bukit dengan panoramic view, rumah pohon, area berkuda, dan menara observasi.

Menampilkan sebuah Art, Heritage & Lighting Park, rekreasi malam seluas 9 hektar yang bisa menjadi wadah kolaborasi dengan seniman-seniman lokal. Pamenang Highland merupakan kompleks hiburan yang dikembangkan untuk masa depan, dengan tidak menggantikan budaya lokal yang tak ternilai.



Manado Skyline

North Sulawesi, Indonesia

Principal Leads and Team Members

Kurjanto Slamet, Jessica Ardelia, Alam Fajarahman Mulyana, Giovanni Alarcon Bautista and Ma Gracia Del Agua Cruz

Masterplanning



This project brings us to the mountainous regions near the capital city of the Indonesian province, North Sulawesi, Manado. The country's ambitious vision for 2025 is to become the next tourist destination, as the new Bali and Lake Toba.

Asian tourists have already taken a keen interest to what this city has to offer, with snorkelling for lovers of the sea and other adventurous activities. The master plan has identified these trends, and will be focussing on the tourism/hospitality sector with a Tourism Triangle.

As the master plan is focussed outside of the city centre, it positions the development to be an integrated resort – a key destination of quality resorts and picturesque villas, boosting the tourism sector tremendously with various dining options and recreational facilities like farm-to-table experiences, spice gardens and more. This will generate local employment, boosting self-sufficiency.

Taking advantage of the panoramic seaview from the 139 ha site, the master plan will encompass hotels and villas with unobstructed views, away from bustling city, with a myriad of onsite resort amenities.



Berlokasi di daerah pengunungan dekat Manado, lahan seluas 139 hektar ini memiliki keuntungan dari visi Manado 2025, yakni menjadi destinasi wisata berikutnya setelah Bali dan Danau Toba. Menawarkan keindahan pemandangan laut dan pegunungan, master plan ini berfokus pada sektor pariwisata.

Terletak di luar kota Manado, master plan perlu dirancang menjadi sebuah resor terpadu yang berdikari. Selain menawarkan pemandangan indah, master plan ini juga menjadi kawasan destinasi yang menyediakan berbagai pengalaman seperti from-farm-to-table, kereta gantung, tea pavilion, kebun rempah, dan berbagai destinasi kuliner Indonesia.



However, steep slopes covering 80% of the site indicate erosion-prone areas, which will impede development. The master plan embraces the landscape, turning the stipulated catchment lake into a waterfront residential area.





Swancity Ho Chi Minh City, Vietnam

Principal Leads and Team Members

David Chinh Heng Hoe, Nguyen Tan Anh Thu, Hoang Le Quoc Anh, Nguyen Duc Nha, Huynh Thanh Binh, Ha Duc Tue, Nguyen Hong Quang, Vu Thi Huyen Trang and Nguyen Thi Vui Architecture

Nguyen Thanh Tuan Masterplanning

Swancity in Vietnam comprises Swanpark, the Garden Town and Swanbay, the Marina Villas. All areas feature their own unique landscape, appealing to a variety of demographics.

Swanpark

Envision a smart city where no expense has been spared on luscious greenery at every turn, with ample road accessibility and pathways, all connected by bridges across a flowing, meandering river. The largest green urban area in East Saigon is located in close proximity to the Long

Thanh International Airport and highways, and only half an hour's journey to the centre of Ho Chi Minh City.

The 945.1 ha development consists of an impressive 190 ha of trees and water, 28.3 ha of trade and services, 75.2 ha of public utilities, 197.7 ha of transport infrastructure, 85.3 ha of various community complexes and 364 ha of housing.

The master plan appeals to the urban sophisticate, with a wide variety of appealing home designs. For example, sector 1B, a subdivision of 28.3 ha, offers 360 modernist villas to keep on trend with affluent lifestyles. The villas differ slightly in layout, allowing buyers several configuration options.

The other amenities are truly extensive, with a hospital-grade healthcare service, 16 international standard schools covering the gamut of educational levels, a financial street, cinemas, restaurants, hotels and utility complexes matching international standards.

Swanbay

Northwest of Swanpark, along the Song Soai Rap (Saigon River) of Vietnam lies the

islet township of Swanbay. Nested on Dai Phuoc Island (Mr. Con Island), the "Pearl of the East of Saigon" spread across 464 hectares of the drop-shaped ait, providing geographical privacy and unique premium resort living. It is the only remaining island in Ho Chi Minh City, boosting the development's exclusivity.

“Hình dung một thành phố thông minh, với mức đầu tư cao cho các mảng xanh trải dài ở từng góc ngách ngõ rẽ, với đường xá và lối đi rộng rãi, Swanpark được kết nối bằng những cây cầu bắc qua một dòng sông uốn khúc. Khu đô thị xanh lớn nhất ở Đông Sài Gòn nằm gần sân bay quốc tế Long Thành và đường cao tốc, và chỉ cách trung tâm thành phố Hồ Chí Minh 30 phút lái xe.



Swanbay Urban Area boasts a 17% building density. Within that percentage is a riverside landscape park, a trade centre, a hospital, 5-star restaurants, sports centre, an 8-hole Jeongsan golf course and international schools.

The enclave epitomises exclusivity and grandeur; its massive scale is rendered possible through a well thought out master plan. This is modern high-end living to the letter – serene views of the landscape or a panorama of the surrounding river, optimal air quality standards and well-planned landscape integration for future use.

The homes and accompanying facilities all feature a tasteful French style of architecture. With the first phase offering 396 units varying in two- or three-level layouts, including the Grand Riverside, Riverfront, Garden, and duplex villas and town/houses. The second phase features 66 units of duplex and independent villas, while the third phase features 546 units of duplex, standard and riverside villas.

Swancity in Ho Chi Minh City – a multi-component development realised through the deft skill of masterplanners.



Swanbay



“Phía tây bắc Swanpark, dọc theo Sông Cái (sông Đồng Nai) của Việt Nam là khu đô thị nhỏ nằm trên đảo Swanbay. Được đặt trên đảo Đại Phước (đảo Ông Cồn), Hòn ngọc phương viễn Đông của Sài Gòn, trải rộng trên 464 ha của hòn đảo hình giọt nước, tách biệt về địa lý và cuộc sống nghỉ dưỡng cao cấp độc đáo.”



SWANCITY

Eco Sanctuary

Selangor, Malaysia

Principal Leads and Team Members

Tan Kee Keat,
Ahmed Syazli,
Ismed Chayadie,
Lu Chun Wei and
Shahrin Nasir Masterplanning



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Mapping out all essential requirements of a particular city, masterplanning needs to preserve or enhance the potential of the habitat. It will allow society to behave and thrive, focusing on key interests and needs. This was the intention underscoring Eco Sanctuary's masterplanning, ensuring a flourishing city that inhabitants can call home, amidst with a verdant haven.

With 308 acres of undulating land in the Klang Valley, the area in question is part of a larger master plan called Canal City. Predicated by its lush surroundings, the challenge was adhering to its land use, as Malaysia has a particular ratio for commercial/high rise or residential/land use. Another obstacle was the preservation of previously approved areas.

Taking into account of the city's vehicular usage, the master plan called for a relocation of the important parcels next to the external canal, resulting in more land parcels that could be utilised.

The individual parcels focused on density, depending on their housing types. This is essential, as varying parcels have differing needs. A linear park encourages young families to enjoy a green environment, eliminating the need to cross a road.



Eco Sanctuary yang terdiri daripada 308 ekar adalah sebahagian daripada pelan induk Canal City yang terletak lebih kurang 30 Kilometer dari Pusat Bandar Kuala Lumpur.

Pelan pembangunan Eco Sanctuary yang mengekalkan konsep habitat hijau, yang sesuai untuk perumahan dan mewujudkan persekitaran sihat.

Disamping itu pelan pembangunan mampan dan komprehensif ini juga memastikan pembangunan yang pesat untuk kawasan komersil dan kawasan perumahan. Pelan pembangunan ini telah dihasilkan setelah kajian mendalam dilakukan dari berbagai faktor, antaranya kajian kepadatan plot pembangunan, kepadatan kawasan perumahan dan kajian lalu lintas trafik.





285 ACRES



285 Acres Masterplanning Yangon, Myanmar

Principal Leads and Team Members
 Ong Qi Rong, Wong Tuck Soon,
 Harry Thein Lwin and Pongpat
 Phaesuwan Masterplanning



Myanmar is slated for strong economic growth, with Yangon flourishing as an industrial and transportation hub. In the next 10 years, the nation will see a paradigm shift from agriculture to value-added manufacturing and services.

Consistent improvement of infrastructure links along the north-south axis will be beneficial to the expected population shift to urban areas around Yangon, and in turn, ameliorate accessibility.

This developing economy will see a rising of the middle-class in Myanmar, who will demand more services and recreation, eventually leading to better quality healthcare, a rise in the tourism sector and potential for MICE.

The city will grow outwardly, and intensifying existing infrastructure. By 2040, improved accessibility will see Hlegu as a potential to gateway into Yangon from Naypyidaw and Mandalay. The changes could begin in the middle term (2020 to 2030) as eastern areas of the city develop with the increase in large-scale residential projects at the northern and eastern boundaries of the city.

The town of Hlegu is bound for densification of the city to the north-east. While the city has kept its industrial area intact, a potential green and recreational link could develop from the Hlwaga protected area to the site.

Its low propensity to flood compared to other areas provides opportunity for Hlegu to be utilised as a recreational area. In addition, public transportation networks currently under development from Hlegu and Yangon will strengthen this linkage and encourage growth across the YCDC's boundaries.

Hlegu's close proximity to the new international airport could make it attractive as a transit hub between Yangon and the rest of Myanmar.

Diligent masterplanning has retained hills to reduce earthwork, while aligning similar natural elevations to minimise slope runs and ensure soil stabilisation. Slopes were utilised to their own effect – a total of nine kilometres of linear embankments have been repurposed for marathon/ nature trails.

This could be divided into segments with community gardens as a counterpoint to the surrounding urban environment, with up to 3000 families nurturing their own piece of land.

In time, Yangon's need for R&D and educational spaces will be critical to its next stage of development, leading to clusters of innovation-driven businesses, hospitality, and green living.

Vis-à-vis United Nation's habitat recommendation ratio of 12 sqm per capita, the master plan exceeds with an impressive 40 sqm per capita.

This study resulted in an influx of ideas, including Hill Villas and a Discovery Zone for education. This includes proposing a Hill Top community park, nature reserves, boardwalks, edible gardens and bioswale.

DISRUPTIVE INNOVATION

A Modernist's Take on Evolution

Disruption in our past

Our high-tech era has taught industries to expect constant disruptive innovation. When companies fall behind expectations, consumers are quick to be judge, jury and executioner.

Consumers: fickle, relentless and unforgiving.

Nokia failed despite its pole position in the mobile market. The company, unfortunately, did not welcome the winds of change, and succumbed to the rise of the smartphone. There was a period of mourning, but also a learning point for the rest of the world.

Disruption may appear to be anathema to productivity, but the inverse is true relative to innovation; the act of identifying the problems of consumers, creating a new market and then displacing current structures, products and services actually raises overall productivity levels. Disruptive innovation has been altering the way we live since the 1500s — the Spice

Trade was disrupted by Frederick "Ice King" Tudor's Insulated Ice Warehouses. The Fridge disrupted this ice-cutting industry, and today, the domestic fridge is ubiquitous. But the telephone timeline might be more relevant to us: from Graham Bell/Elisha Grey's invention to the cordless phone in 1965, Motorola's wireless phone in 1973, Blackberry's email capability stir in 1999, Nokia's 3310 during the jubilee year and at last, the iPhone in 2007.

But disruption is more than a breakthrough innovation. It has a specific purpose, transforming a product that is inaccessible to one that is affordable for the rest of the world.

Experts claim "areas ripe for disruption today are no different to the areas that were ripe for disruption then". This puts disruption into the hands of creative individuals that can recognise the window of opportunity for improvement, and exploit it before others.

Applying this principle, we may ponder if the AEC (Architecture, Engineering and Construction) industry is ripe for disruption.

Disrupting the AEC industry

As with every theory, there are contextual issues with Disruptive Innovation. Journalists have claimed the term to be a massively overplayed idea, and an easily dependable ideological trope for the startup world.

But disruption is more than just golden ticket for innovators to dream. According to Clay Christensen, a Harvard School Professor renowned for his role as business consultant to Steve Jobs and Andrew Grove, disruption, as a business model, is more necessity than chance.

So what does Disruption have in store for our industry?

Architect Steven Burns aptly states, "... I think companies need to look at the tools on the horizon. It's not just adopting technologies, it's figuring out what to do with them." The registered Architect is also Chief Creative Officer at BQE Software, and a speaker for the upcoming AEC Next Conference and Expo.

This puts things into perspective. For the industry, it is more of an evolution than a revolution — making better tools and improving efficiency. Yet to be frank, when something truly disruptive comes up, the built environment community is usually inadequately prepared to demonstrate



its value to the client. This is our occupational hazard, and why it is imperative to be self-disruptors.

The CEO and Founder of Building System Planning Brett Young mentioned in the Thornton Tomasetti Annual report "Innovations in existence allows us to track every element that is made while building a project. That big data allows us to ensure a building goes together succinctly. But when we add automation, it can tell us who has made a big improvement, or a redundant one. That will definitely change the way we work."

It offers you the agility to disrupt, helping you shatter your own limitations and define your own innovation.

Disruption is more than just golden ticket for innovators.

Technology is coming to the AEC industry by storm: site, bridge, and façade surveys are being conducted by drones. 3D scanning is developing point clouds that create accurate building models. Autonomous construction vehicles are being produced in greater numbers — dump trucks, front-loaders, etc. Wearable technology is entering the job site via smart watches and hardhats with computer screens built into their visors. Augmented reality and virtual reality are providing more precise information than ever before.

Piqued your interest?



"... I think companies need to look at the tools on the horizon. It's not just adopting technologies, it's figuring out what to do with them."

— Steven Burn, Architect

Round the corner

Project Quantum from Autodesk is using a cloud-based, single source of data, for all contributors to utilise. But they are continuing to develop automation and even artificial intelligence, towards generative design — users input the components and limitations into the software, and leave it to the program to churn out a plethora of options.

Tom Traina, Business Technology Strategist in the AEC Industry has the same sentiment, "The opportunity still lies in the execution of the designs, the construction. How can these technologies contribute to the construction of the project? The best design is only as good as its execution or construction. Centralising the information is a great start, and the disruptive technologies allow users to reference and retrieve the information important to them on their own terms. No one controls how the information provided will be used. But the firms that figure this out become the new winners — and when you displace the incumbent, you become the disruptor. These technologies allow disruptors to cut corners for efficiency and deliver on the job to be done."

Essentially, technology provides us with the skeleton key, but we have to choose which doors to open. We have to elevate our thinking, disrupt the traditional way we do things, and **change our mindsets**.

The word 'agility' gets bounced around ever so often, but it is imperative for survival. Take a look at how the past focus was based on manufacturing capacity, speed and efficiency. Now, the future focus is based on capability, where each headcount is valued for several, and not just a singular purpose.

To summarise, the technologies we have been craving for in the AEC industry are already on the horizon. In fact, the fine-tuning is already in process. And when they do arrive, we should be ready to embrace them.



QUANTUM LEAPING TO ERADICATE THE COMPETITION.





ONG&ONG Office Singapore

Principal Leads and Team Members

Kee Choon Yen and Norman Chan

Workplace Interiors

**Stanley Tan, Gary Soh and
Jacqueline Ong**

Brand Engagement



A foremost AEC company in Southeast Asia, the stakeholders at ONG&ONG had one objective in renovating their Singapore office: evolve the workspace for the people within. It epitomises an office with a disruptive mindset.

To realise greater agility in sync with the latest technologies, the new office melds all disciplines, promoting seamless work processes. This, in turn, improves the functionality of the workspaces, fostering greater collaboration with long shared tables for hot-desking.

Prior to the renovation, SCA Design worked cohesively to analyse each discipline's modus operandi. The resulting open workspace eschews traditional concepts of an office, reflecting instead the interconnectedness of an ecosystem. A series of

meeting rooms allows some privacy for discussions, and there are dedicated Building Information Modelling (BIM) areas on levels 10 and 11.

An hotelier's take on a lifestyle-infused office, IMMORTAL curated the names of the levels to reflect the different interests on each floor - Bar9 to represent a bar concept and for event space, 10dem for the wordplay of 'tandem' and for leisure activities, while District 11 positions itself as a luxurious hotel lobby to receive guests; complete with a Living Room and Front Desk.

Textured walls line the staircase connecting all three floors, and washrooms sport thematic wall panels that enliven the high traffic area. Overhead, the ceiling services' exoskeleton is left exposed for a non-claustrophobic feel, while suspended LED luminaires and downward pendants supply general illumination.

The office's warm but modern style called for black and white furnishings complemented by splashes of the company's corporate orange. Along the perimeter, a continuous line of windows offers a panoramic hilltop view, allowing natural light to permeate the interior.



Experience Beyond Work

An SCA Project

Workplace Interiors

The perfect corporate interior goes beyond simply creating functional workspaces. Although aesthetic quality and style are a must, the environment must be synergistic and inspirational. After all, productivity is the name of the game.

At SCA Design, we go beyond traditional interior design, altering the notion of what a working environment should encompass. Combining in-depth building and workplace studies we determine the ideal parameters for project management. In addition, with input from clientele and the end-user, space planning is used in tandem with flawless interior design, resulting in turn key work spaces that exemplify what the modern office should be.

Building Studies

Workplace Studies

Space Planning

Interior Design

Project Management

Sustainability

Turn Key Solutions



AXA Office
Singapore Office

This project embodies the ethos and spirit of one of the most trusted names in the insurance sector.



Crocs
Singapore Office

This fun, high-energy work environment reflects the spirit of the brand in a contemporary manner, while also invigorating its workforce.



Cargill
Singapore Office

The new Singapore offices for this international trading company reflects the firm's stellar reputation and growing presence in Asia.



Evonik
Singapore Office

As one of the leaders of the Chemical Industry, a new contemporary co-working culture was designed, eschewing the traditional lab setting for cross-pollination of ideas among scientists.



Marina One Lobby
Singapore Office

A space for social interaction and luxurious comfort called for SCA Design's touch, creating a cohesive environment.



Digital Content Studios
Singapore Office

Singapore's first dedicated facility for digital content creators and game developers, this project aims to nurture a new generation of storytellers.



Motorola
Singapore Office

The design of the new Motorola Solutions office not only embodies the company's values but also enhances its working style.



Infocomm Investments
Singapore Office

Intended as an incubator for start-ups, this innovative co-working environment supports training programmes and networking events.



Starhub Innovation Centre
Singapore Office

Conceptualised as an indoor garden, the centre features audio suites and a master control room that will introduce the latest user-driven technologies.



Engineering

Beneath the veneers of colours, curved lines and textures of all dazzling designs are the hidden machinery and mechanisms that make everything possible. Inventive engineering becomes the basis through which creativity can be transformed from imagination and turned into living, breathing reality.

With decades of experience in the industry, Rankine&Hill consultants have collaborated on some of Singapore's most iconic designs. From Mechanical & Electrical (M&E) to Civil & Structural (C&S), as well as Fire Safety and Environmental solutions, we continue to deliver a full-range of comprehensive engineering solutions that are not only functionally sound, but safe and green.

Mechanical

Electrical

Civil

Structural

Fire Safety

Environmental



Apple Store
Singapore Commercial

The C&S engineering laid the foundations of the iconic flagship store, enabling the realisation of their signature aesthetic and panache.



Lake Grande
Singapore Residential

Melding nature, technology and well-focussed facilities required precise Mechanical & Electrical (M&E) engineering in crafting ideal resort homes.



NTUC Fairprice Hub
Singapore Commercial

Dubbed a "state-of-the-art building" by the country's Prime Minister, the 1.2 million sq ft building functions as both headquarters and distribution centre for NTUC. It features a first of its kind automated system.



Oasia Hotel Downtown
Singapore Hospitality

An award-winning WOHA design, optimally enhanced by an intricate array of M&E systems, complete with heightened safety and sustainability features.



Royal Square
Singapore Mixed-use

The M&E engineering for this contemporary mixed development is impressive, featuring both passive and active environmental technology. There are medical suites, retail and a Courtyard by Marriott.



Village Hotel, The Outpost Hotel and The Barracks Hotel
Sentosa, Singapore Hospitality

Envisaged to attract tourists and staycations, these hotels required engineering from deft hands, ensuring seamless operations and rejuvenating experiences.



Novena Church
Singapore Religious

Revitalisation of the idyllic church was fastidious work for M&E, with full air-conditioning and installing present-day safety requirements, all while maintaining the integrity of the original site.



The Ascent
Ho Chin Minh City, Vietnam Residential

Civil & Structural (C&S) engineering was provided for the 280 apartments and the impressive facilities, offering Singapore - standard urban living in Saigon.



THK Home for Disabled @ Sembawang
Singapore Institutional

Taking into account on the needs of various patients with disabilities and Autism Spectrum Disorder (ASD), the home required C&S and M&E engineering to provide a safe and calm environment.



The Waterfront Saigon
Ho Chin Minh City, Vietnam Residential

Spanning a gross floor area of 41,000sqm, the office and service apartment development utilised C&S engineering.



Tjong Seng Building
Singapore Industrial

The niche 9-storey general factory houses additional ancillary workers' dormitories and employed essential M&E engineering.

Project Management

ing projects are well-organised and sively executed are the fundamentals r business. But it is more than just g the right people in touch or bling the ideal team. Our goal is to ct the dots and tie up the loose to make sure projects are as easy ost-effective as possible.

rocess is a practical one, where he objectives and parameters of a project are properly ascertained. w which, development is carefully ed and mapped, all in an effort to re complete alignment and efficiency hroughout the construction phase. use for us, success means a stress- xperience for clients.

Project Management

Project Development

Construction Management

Cost Management

Place Management



www.proj-innovations.com



Singapore General Hospital Emergency Medicine Building
Singapore **Institutional**

Boasting four times the space of its predecessor, the 12-storey emergency medicine building will include rooms to handle disease outbreaks and mass casualty incidents, while improving response efficiency.



DFS Scottswalk

Singapore **Retail**

Provided Project Management and Cost Management services to the client in the refurbishment of the Scottswalk Store.



DFS Liquor & Tobacco Concession, Changi Airport

Singapore **Retail**

Part of the bid-winning group, we provided project management and cost management services for the newly updated DFS Stores.



Swiss Garden Hotel
Kuala Lumpur, Malaysia **Hospitality**

Project management was provided for the remodelling of the 320 guestrooms and lobby, sporting a new warm green colour palette.



Canberra Primary School



Compassvale Primary School



Edgefield Primary School



MacPherson Primary School



Northland Primary School



Northspring Primary School



Qihua Primary School



Rivervale Primary School



Sembawang Primary School



Anderson Primary School



Bedok Green Primary School

Upgrading of Existing Schools under Peri Package
Singapore **Institutional**

The targeted enhancement of educational facilities island-wide has necessitated coordinated project management to oversee the improvement of numerous schools.

Project Solutions

Let's face it, construction is a messy business. To have each component gel like clockwork requires one source to handle every aspect of a project meticulously.

Moving in tandem with the cultures and processes of countries in and around Asia, keeps us always ahead of the competition with technology advancements and synergistically achieving results. That is true integration.

Construction

Design & Build

Turn Key Solutions

Contract Works



Alodd

Singapore **Retail**

A turnkey solution for the client, this project comprised the creation and delivery of a pop-up store in Centrepoint Mall.



Bali International Airport

Bali, Indonesia **Retail**

Provided holistic service to the client, including local design implementation, cost, construction and project management - delivering 22 luxury retail outlets.



Classic British Luxury Brand

Worldwide **Retail**

A classic British Luxury Brand engaged quantity surveying and cost management services for flagship stores in Korea and Japan.



Howards Storage World

Singapore **Retail**

Appointed to carry out rebranding and an aesthetic revamp, the client enjoyed a fuss-free experience with our one-stop shop solution.



Bodega Restaurant, Raffles hotel

Singapore **Food & Beverage**

Michelin-starred restaurant by Chef Alain Ducasse required project management for the picturesque environment.



Intercontinental Jakarta

Jakarta, Indonesia **Hospitality**

Tasked to provide local design implementation, project management and construction management for the global hotel chain's Jakarta property.



Lendlease Marketing Suite

Singapore **Commercial**

Provided a complete turnkey solution for the client's Paya Lebar Quarters project, located in Paya Lebar Square.

www.proj-xion.com

Brand Engagement

Brand Engagement is an analytical process, but also one that requires much imagination. It is about crafting experiences that foster relationships between brands and consumers. With almost 30 years of experience and a client list brimming with household names, IMMORTAL is renowned for its branding programmes that have helped many clients grow their businesses.

Offering a comprehensive suite of services including Market Insight, Brand Audits, Strategy, Expression, and Management, IMMORTAL is committed to helping any brand create an authentic and enduring identity.

Market Insight

Brand Audit

Brand Strategy

Brand Expression

Brand Management

Environmental Branding

IMMORTAL
Brand Engagement



Crystal Galleria
Shanghai, China **Retail**

The kaleidoscopic brandmark embodies the multifaceted attractions housed within this trendy mall, while also reflecting the vibrancy of the Jing'an district.



Montigo Resorts
Batam, Indonesia **Hospitality**

The brand identity was inspired by a Three Stepping Stones visual hallmark that emphasises both proximity to Singapore, as well as its ability to accommodate multi generational families.



OROMA
Africa **Corporate**

Meaning orange in Swahili, the brand was positioned with the tagline "Advancing Frontiers", reflecting the firm's beliefs.



Parkway Health
Singapore **Institutional**

Reflecting two decades of excellence in healthcare services, the brand architecture for this project unified the company's various entities.

www.immortal.com.sg



Republic Engineers
Maldives **Corporate**

A visual identity was developed based on Singapore's National Identity. The new brand is ready to take on projects at a governmental level.



The Collection
Bangkok, Thailand **Mixed-use**

Predicating the interiors and branding on four fictional characters, the Traveller, the Thinker, the Trendsetter and the Collector – personas that resonate well with the affluent modernist.



Toomato
Bangkok, Thailand **Food & Beverage**

Conceptualised as a humble Italian kitchen, this fast-casual diner prioritises wholesome authenticity to go along with great food and drinks.



Treeline Hotel
Siem Reap, Cambodia **Hospitality**

Envisioned as the new standard for boutique-stay hospitality, the branding juxtaposes Cambodia's Angkor heritage with tasteful modern touches.



Welcia-BHG
Singapore **Retail**

A collaboration between one of Japan's top pharmacists and BHG called for branding their first outlet in Singapore, offering Japanese-based medications.

Environmental Wayfinding

Effective wayfinding means delivering assurance at every point of a journey. It is a system of signs and symbols to enable easy navigation. No matter the complexity, IMMORTAL's primary objective is to make every space more user friendly.

It has the capacity to guide traffic to a certain area, enhance the built environment, improving circulation, connectivity and use of space.

Planning and Analysis

Wayfinding Strategy

Signage System and Design

Environmental Graphics

IMMORTAL
Brand Engagement



China Place
Singapore **Mixed-use**

An environmental graphics system that depicts the area's heritage was developed, consisting of building markers, directional and circulation signs.



JW Marriott Singapore South Beach
Singapore **Hospitality**

Reopened under new management, the new signage and wayfinding system reflects the revamped interior's sophisticated tones and sleek, muted look.



Radia
Kuala Lumpur, Malaysia **Mixed-use**

Visual graphics and colour-coded signage take after the development's curved radial form, with concealed lighting subtly highlighting the wayfinding system.



A vehicular traffic plan depicting traffic flow and routes, and car park ingress and egress points for wayfinding purposes.



South Beach
Singapore **Mixed-use**

Augmenting the end-user experience is an environmental wayfinding system with an impressive digital directory that guides visitors throughout the property.



Southern Marina
Johor, Malaysia **Mixed-use**

Astronavigation and unique Origami forms inspired the wayfinding design for this mixed development.



The Park Hyderabad
Hyderabad, India **Hospitality**

Drawing from the iconic building façade, the wayfinding system enhances the visual resonance of the stay experience.



The Trans Hotel
Bandung, Indonesia **Hospitality**

An opulent motif derived from traditional headpieces featuring a sophisticated brushed-metallic finish was incorporated into the environmental wayfinding system.



Trans Studio Mall
Bandung, Indonesia **Retail**

Taking the butterfly as a welcoming visual motif, the development's wayfinding system works to create an open, inviting feel.

Experience Design

Experience design is about evolving the manner in which we interact with the world around us. It is about altering human experiences through the process of design thinking, where we imagine and conceive in terms of utility to better serve our needs. Human experiences are in constant flux, where improvement, progress and advancement unfold and develop over time – ultimately leaving us better positioned today than we were before.

At ONG&ONG, we believe in design thinking and the impact that it brings. And for our award-winning Experience Design team, the goal is to find ways to elevate and improve an experience or a process. Whether it's a minor tweak or something completely reimagined, all the projects we work on have one thing in common: making the end-user experience better.

User Experience Strategy Service

Design Consulting

Design Thinking

Ethnographic Research



Changi Cove
Singapore **Hospitality**

The management of Changi Cove wanted to build a place of retreat that would appeal to guests who wanted a short getaway to relax, refresh and be inspired again. We worked with them to uncover the different ways guests wanted to 'retreat' and co-created a holistic experience which drew one into the process of rest, reflection, inspiration and creation. Today, Changi Cove is a favourite destination for many personal as well as corporate retreats.



HDB Home Purchasing & SERS Experience
Singapore **Civic**

This was a one-of-a-kind opportunity to re-think the user experience of purchasing a flat, evolving the online, physical and process touch points to redefine a public service offering.



FRANK by OCBC
Singapore **Commercial**

Targeting millennials, we worked with OCBC to re-imagine what a relevant financial service online and offline, would look like for Gen-Ys. When launched, FRANK was called "Maybe the coolest bank Gen-Y has ever seen" by The Financial Brand.



Gardens Shop at Botanic Gardens
Singapore **Retail**

Re-imagining how to convey the powerful narrative behind the 158-year-old Botanic Gardens, we worked with Gardens Shop to create a retail concept that would encapsulate the history of Singapore's first UNESCO Heritage site.



SaladStop!
Singapore **Food & Beverage**

We helped SaladStop! to go deep and discover what their business was truly about. The result is an authentic offering centred around "Eating Wide Awake", a movement for healthy and responsible eating.



SilverKris Lounge
Worldwide **Commercial**

SIA, Singapore's premier airline is well known to promise its customers "A great way to fly". We worked with them to translate this promise into their lounge experience, re-thinking what comfort, luxury and personalised service meant to their premium passengers.

Landscape

The modern built environment is increasingly characterised by the integration of nature. Regardless of typology and scale, projects today make it a point to include greenery where possible.

At ONG&ONG, our track record of award-winning projects underscores the importance we place on landscape design. From biophilic environments and naturalistic designs, to the creation of sustainable microclimates, our landscape team endeavours to find the optimum levels of greenery to benefit and enhance the built environment.

Masterplanning

Space Planning

Blue & Green Solutions

Sustainability

Playground Design



Bartley Ridge
Singapore **Residential**

The project is ensconced within a lush botanic garden, drawing inspiration from nature to create a landscape teeming with life.



The Creek @ Bukit
Singapore **Residential**

A redevelopment of the former Green Lodge, the landscaping scheme has enlivened the development's perimeter and interiors, extending the sense of greenery from the nearby Bukit Timah Nature Reserve.



Heartbeat @ Bedok
Singapore **Mixed-use**

Originally a public park, this groundbreaking community building features intricate landscape design encompassing an abundance of indoor and outdoor green spaces.



HDB Westrock
Singapore **Residential**

Predicated on the hilly formations of its former landscape, greenery helps connect the development to an adjacent park.



Holiday Inn Express
Singapore **Hospitality**

The landscape design of the hotel encompasses a forecourt pocket garden, lush courtyard spaces and a tropical rooftop oasis.



The Krista
Ho Chi Minh City, Vietnam **Residential**

Conceived to be the perfect living environment for young dynamic families, the setting encourages the pursuit of healthy lifestyles.



Santorini
Singapore **Residential**

Emulating dreamy greek islands, the enclave feature pocket gardens and lawns that balance out the interspersed water features and minimalist design.



Opal Riverside Park
Ho Chi Minh City, Vietnam, **Civic**

Inspired by water, the landscaping for this project evokes coursing movement and vitality.



Fraser Tower
Singapore **Commercial**

Featuring a retail podium beneath the office tower, greenery was extensive throughout the development, including a verdure-rich rooftop poised for events.



Yishun Nature Park
Singapore **Institutional**

Envisioned as a community focal point, the park prioritises eco-friendly practices, containing an impressive variety of local flora.

Lighting

Lighting design is crucial, yet too often overlooked. Lighting can highlight and accentuate any space. It can alter the ambience or mood of a given setting, bringing life, warmth and mirth to any environment. Lighting has the capacity to transform a solid project into a superb one, where just the right mix of shadow, light and colour can easily augment the end-user experience.

Bright or low-key, fluorescent or neon, simple or intricate, we at ONG&ONG fully appreciate how crucial a project's lighting design can be.

Architectural Lighting

Equipment Cost Control

Operational Cost Control

Lux Level Calculations

Lighting Controls

Lighting Audits



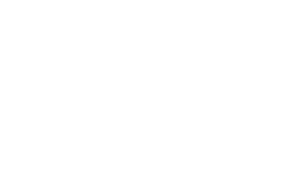
Alex Residences
Singapore Residential

As one of the tallest buildings in the area, the lighting design accentuates the futuristic décor on the sky terrace, while highlighting the bold interplay of verdure.



CT Hub
Singapore Industrial

Innovative lighting design added character to the industrial building.



Heartbeat@Bedok
Singapore Civic

Lighting design complemented the architectural form, continuous greenery and warm interior illumination which shaped the overall appearance of the integrated complex. The lighting also created a comfortable and safe environment for the residents at night.



Indian Heritage Centre
Singapore Civic

Standing as a glowing beacon above the surrounding urban tapestry, this building's socio-cultural significance is highlighted through subtle and soft lighting.



Mon Jervois
Singapore Residential

Lighting brings out the sophistication of this residential project by accentuating its refined features.



Pollen & Bleu
Singapore Residential

Lighting highlights the lush landscape by creating light and shadow, forming a dramatic interplay of flora at nighttime.



Trinity Christian Centre
Singapore Religious

With the use of dynamic colour changing flood lights, the lighting enhancement greatly impacts the building and surroundings by creating a vibrant and lively atmosphere.



V On Shenton
Singapore Commercial

The lighting design reflects the unique geometrical patterns on this iconic building. The scheme and lighting choice enables greater energy savings.

Interior Design

Residential or commercial, public or private, institutional or infrastructural, interior design is crucial no matter the project. From forming the heart of a home to setting the tone for a corporate or professional space, the potential of a space is realised through interior design.

Be it functionality or comfort, luxury or utility, ultimately the manner in which we conceive a space influences how it will be utilised. At ONG&ONG our interior design experience runs the gamut of typologies and scales, with award-winning projects the world over as proof of our ability to truly define any space.

Advisory & Consultancy

Space Planning

Test Fit

Feasibility Study

Master Design Guidebook

Turn Key Solutions



The American Club
Singapore Commercial

Fusing Eastern and Western influences reminiscent of Singapore's colonial past, this sophisticated restaurant interior is dominated by refined neutral hues.



Bedok Public Library
Singapore Institutional

Exuding warmth through its garden-inspired furniture and fixtures and innovative wayfinding, these functional designs ensure a conducive learning place for both young and old.



Empire City Show Gallery
Ho Chi Minh City, Vietnam Residential

Natural touches balance bold geometric lines, where plush furnishings and luxurious finishes are complemented by golden hues and charming views.



FHM Bachelor Apartment
Bangkok, Thailand Residential

Inspired by the social events and lifestyle of a high-flying New Yorker, the apartment is characterised by a preponderance of warm, monolithic timber walls and tinted mirrors.



KLGCC Show Gallery
Singapore Residential

Designed as a relaxed, private golf and country club, the leisure facility incorporates state-of-the-art technologies and embodies superior facilities.



Hinode City Show Gallery
Hanoi, Vietnam Residential

Conceptualised as an affluent Japanese-style apartment complex, this show gallery displays salient premium design that is in harmony with nature.



Hyatt Regency Hotel Jaipur
Jaipur, India Hospitality

With traditional Moorish arches and detailed stone columns, this unique Jaipur hotel houses 250 rooms and a host of amenities.



Hyatt Regency Riyadh
Riyadh, Saudi Arabia Hospitality

Based on a 'Jewel of the Desert' concept, this contemporary 257-room hotel is characterised by natural patterns and classic opulence.



Jadescape Show Gallery
Singapore Residential

Conceived as an extension of nature from neighbouring MacRitchie Reservoir Park and Bishan Park, Jadescape reflects an innately Oriental aesthetic.



MAM Concept
Ho Chi Minh City, Vietnam Commercial

Predicated on the flavours of the "Mâm" Vietnamese taste, this three-storey narrow shophouse fuses Vietnamese lifestyle with themes that differ on every storey.



The Infiniti – Riviera Point
Ho Chi Minh City, Vietnam Commercial

At the heart of district 7, this project fuses modern living with resort-style amenities, encapsulated by calming interiors with state-of-the-art technology.

Masterplanning

Cities rely on experienced planners when creating infrastructure masterplans. The process of conceptualisation demands imagination and a progressive mindset.

There is a plethora of considerations, including the accessibility to services such as education and places of worship in relation to traffic flow, residential areas, lifestyle and commercial hubs. A well-designed city is future proof, able to cater to the evolving needs of its inhabitants for decades.

Vision & Strategies

Land Use Planning

Connectivity

Urban Infrastructure

Environmental Sustainability Design

Landscape



Eco Glades
Malaysia **Residential**

Eight precincts of modern eco living, with substantial land areas for open spaces, landscaping and waterscaping. The concept was derived from merging verdure with Cyberjaya's Lake Gardens, inspiring the apt name "Eco Glades".



Kediri
Kediri, Indonesia **Mixed-use**

This plan to relocate a township of 100 ha will enable the creation of a self-sustaining boulevard with housing, schools, business and civic centres.



Vansanta Park
Bekasi, Indonesia **Mixed-use**

Envisioned as a Japanese town in Indonesia, the 12 ha of land is slated to feature 17 mixed-use towers, 217 shophouses, an 8-storey business cluster, all interconnected by 1.7 ha of parkland.



Boeung Snor
Phnom Penh, Cambodia **Mixed-use**

With the development of several high-end residential villa projects in the area, a vibrant community with civic and community activities is on the cards, improving infrastructure for this prime location.



Ngwe Saung Beach Resorts
Myanmar **Hospitality**

A master plan comprising elegant vacation homes and exclusive amenities, this development addresses the growing demand for holiday destinations in Myanmar.



Niseko Serviced Apartments & Clubhouse
Niseko, Japan **Hospitality**

Consisting of luxury villas, private Japanese baths and a wellness centre, along with an omakase dining room and a central clubhouse, the expansive master plan further cements Niseko as a destination for the well-heeled.



Metropolis Thao Dien
Ho Chi Minh City, Vietnam **Mixed-use**

Located along Hanoi Highway, this is an 8.2 ha master plan for a high-rise residential area combined with commercial services; the basis for a lively, exclusive community.

Architecture

ONG&ONG's plethora of experience in this discipline backs every project regardless of scale or typology, enabling architectural excellence to be our stock-in-trade.

Building works of art calls for researching of the needs of users and their cultures, paired with the dedicated hands of our architects to deliver an Experience Beyond.

Masterplanning

Ideate and Create

Conceptualization & Analysis

Research & Development

Implementation & Management



Choa Chu Kang Bus Interchange
Singapore **Infrastructure**

Filled with inclusive, SMART technology, the 15,000m² facility is a breath of fresh air, supplanting its predecessor.



Cuenca House
Manila, Philippines **Residential**

A re-envisioned modern home, Cuenca House features an entertainment area to host guests. It is inspired by an Asian Lantern, and stands out from the surrounding Spanish-style villas.



D' Sands Residence
Kuala Lumpur, Malaysia **Residential**

A high-rise residential development with the tagline "redefining the hub of connectivity", it features two blocks of 365 units with eight different layouts, various amenities, and unparalleled accessibility.



Jurong Central Plaza
Singapore **Institutional**

30% bigger than the previous wet market, it was designed for better ventilation, and contains improved senior citizen amenities to cater to Jurong's ageing population.



Pangsapuri Midas Condominium
Johor, Malaysia **Residential**

This is a modern enclave within the town of Taman Perling. There is ample airflow, and homes come complete with amenities, including security.



Rivergate Residences
Ho Chi Minh City, Vietnam **Residential**

Designed in an open-air style for residents to appreciate vistas of Saigon River, these high-rise homes feature a shopping mall on the lower levels for greater convenience.



Wang Residence
Jakarta, Indonesia **Residential**

This mixed-use luxe residence in Jakarta boasts exclusive facilities and premium finishes. The tasteful architecture reflects a discerning sensibility.



Tanglin Trust School
Singapore **Institutional**

The revamped grounds house art and exhibition spaces, sports facilities, offices and social spaces – a truly stimulating environment for learning.



SMU Campus Green
Singapore **Institutional**

This redevelopment project resulted in a city-centre environment with an underground concourse, three-storey fitness centre and open-air facilities.



Crown @ Robinsons
Singapore **Commercial**

Centrally located in the heart of Singapore's Central Business District, it offers an attractive mix of retail and commercial spaces. Distinctive Art Deco flourishes are writ large in the building's architecture as well as the interiors.



Sala Sarica
Ho Chi Minh City, Vietnam **Mixed-use**

Located alongside a water park, this condominium of 175 units reflects a harmonious mix of nature and modernity. The premium apartments have luxurious fittings, and the development includes superior facilities.



Setia Ecohill 2
Kuala Lumpur, Malaysia **Residential**

Inspired by the three landscape elements: Air, Earth and Water, the township offers a tranquil experience – reconnecting residents to the ecosystem.



*When it comes to learning environments, **never compromise.***

ONG&ONG's Overseers: Directors & Team Leaders

UPHOLDING OUR VISION

Mentors who dare take the road less travelled, these innovators are a fount of knowledge and guidance for their respective teams.

Wisdom, Inspiration,
Direction & Creativity.



01



02



03



04



05



06



07



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09



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23



24

Architecture

From Left - Right

- 01 Ng Cho You
- 02 Steven Low
- 03 David Ching
- 04 Ashvinkumar Kantilal

From Left - Right

- 05 Wendy Tan
- 06 Loh Kah Wai
- 07 Andrew Lee
- 08 Kurjanto Slamet
- 09 Lai Tien Yong
- 10 Ong Tze Boon
- 11 Diego Molina
- 12 Maria Arango
- 13 Hasbullah
- 14 Tan Kee Keat
- 15 Jimmy Poek
- 16 Goh Chong Chia
- 17 Michael Cu Fua
- 18 Hoang Huu Dung
- 19 Lim Kok Hui
- 20 Ahmad Syazli
- 21 Tracy Loh
- 22 Louis Tan
- 23 Ong Qi Rong

Interior Design

- 20 Raymond Thai
- 21 Teo Boon Kiat
- 22 Elli Wang
- 23 Kee Choon Yen
- 24 Chester Goh



01



02



03



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16

Brand Engagement

01 Stanley Tan

Landscape

02 Lena Quek

03 Huynh Thi Quoc Huong

Lighting

04 Jerome Tan (Team Leader)

Engineering

From Left - Right

05 Richard Teo

Tan Peck Khoon

Henry Gunawan

Lim Yan Ping

David Chan

Goh Teck Sin

06 Dang Hoang Tung

07 Shahrom Bin Mohamed Ariff

08 Ryan Huynh Ngoc Nghia

09 Teh Yong Hui

Project Management

10 Thomas Yee

11 Lee Chek Shih

12 Paul Roger Lim

Administration

13 Sharon Baptist

Finance

14 Pauline Choo

Capability Development

15 Liang Lit How

Design Technology

16 Daniels Chandra



Experience Beyond Workspaces

LIKE AN F1 RACING TEAM

A DAY IN THE LIFE OF ONG&ONG

Join us for a rare behind-the-scenes glimpse of the day-to-day events at ONG&ONG.



Running a global design firm smoothly means striking a fine balance through coordination, communication and teamwork - aligning all of these elements with our vision to Experience Beyond. ONG&ONG's collective strength across countries is geared towards one mission: creating and designing to enhance lives.

Similar to an F1 Grand Prix team where the driver is supported by a race crew of unsung heroes, our designers and project leaders benefit from the sacrifices and efforts of a strong and resourceful management team. They are essential to efficiency, like race teams that shave lap times by seconds.

The Office's Chiropractor



Administration

Daily goings-on at ONG&ONG will not be possible without them. They ensure engines are well lubricated with facilities management, procurement, project administration and managing the mailhub. The administrative team keeps things running, ensuring that we don't get caught in a fix.



Efficient Human Management



Human Resource

They don't stop at mere employee benefits. Facilitating payroll, medical benefits and hiring are all in a day's work for them. Add office events and activities, and you will find they're much more than just welfare providers.



Our Firewall



Information Technology

The computer – ubiquitous to offices, is no different here. Hopeless without functioning technology, we rely heavily on our IT team to diagnose and solve our tech problems. Besides solving storage issues, they have stared adversity down with a straight face, meeting the tightest deadlines. Being just a phone call away, they ensure servers remain operational and Internet access is unimpeded. We envy this special breed: digital saviours possessing the art of scripting and brandishing troubleshooting skills for every IT matter.



Delicate Balancers



Finance

Multi-tasking is one of the prerequisites of being part of the Finance team. They handle large and complex transactions without breaking a sweat, even as they balance the books and compute numerous other financial tasks with zero discrepancy. Numbers are their forte; they are an essential chess piece for any company.



Knowledge Gurus



Capability Development

Learning is a lifelong journey. From Fire Codes to industry trends, Capability Development ensures ONG&ONG employees are up to date, keeping offices abreast with the here and now. Organising talks and learning programmes to improve our operations, they support us in providing clients with the best that the AEC industry can offer.

Digital Tool Masters



Design Technology

As we focus on disruptive innovation in our industry, the Design Technology team has never been more indispensable. Augmented Reality, Realtime Rendering/VR, Integrated BIM and other technological advances like parametric design are their specialty. While the rest of us focus on our projects, the DT team looks ahead to cutting-edge technologies that we may adopt to improve our processes. Today's racing world is no longer about the "biggest engine", but the most efficient one. We rank amongst the forefront players in our industry, with kudos to Design Technology!



Constantly **Adapting**

We are a premium service. A holistic design solution is probably what the next large architecture firm can provide for you, but experience is something that takes decades to build, to refine, to sustain. Hence our vision:

Experience Beyond.

It is pretty much like a theatre: the quality of your view depends on the price you paid for a ticket, and here at ONG&ONG, you get more than your money's worth.

The management has its focus on the region, and we have extensively spread our wings across South East Asia. Adding to that tall order, we have several ventures in unexplored regions (page 11), which have been fruitful and refreshing.

2018 has been spent recalibrating internally and developing our overseas market, especially in our Bangkok and Jakarta offices, and we will continue to do so in 2019. Meanwhile, Chengdu and Shanghai are picking up steadily. Our team there is formidable to say the least, and we wish them well.

The market trend is postulated to follow on from last year's lull, and ONG&ONG will be using this breather wisely. But we can expect the dip to be over soon.

Well-established in our headquarters in Singapore, we have to admit that Asia's red dot is a matured market and opportunities for further development are scarce, which is why focusing on the South East Asian market is imperative.

In our quest to constant improvement, the utilisation of disruptive technology has always been the key to unlocking more doors. In retrospect, it was all the rave for design and human experiences for the past years. But digital experience has now augmented these experiences for the customer to benefit – now that simulating a development before completion has become the norm.

Ong Tze Boon

Group Executive Chairman

Ashvinkumar Kantilal

Group Chief Executive Officer

Tan Peck Khoon

Group Chief Operating Officer

The difference? Incorporating technology into our practices, to fuel our experience beyond. We are often associated with adopting the latest design tech in Singapore, and proudly, we are implementing parametric design and testing its limitations, while observing new ones from the industry.

We have removed all divisive borders, blurring the lines between work, lifestyle, and the scope of our work, as depicted from our new Singapore and Vietnam offices. Think of ONG&ONG as a passionate automotive brand, requiring more than 30 departments, operating under a single entity to create fascinating four-wheel wonders. The same applies here, how we intend to work in tandem collaboratively, towards a brighter future.

From the earlier pages, you have discerned that we can create experiences through our products. At ONG&ONG, we instil that "Today is the most primitive form of Tomorrow".



Siam Commercial Bank
Bangkok, Thailand

SCB
INVESTMENT
CENTER



Experience Beyond
Banking

An ONG&ONG Project

FINANCIAL REVIEW

ONG&ONG is moving to the next phase of its transformation, improving efficiency and productivity across the organisation. Our newly renovated office has morphed the workplace, creating an agile, hot-desking environment that encourages collaboration.

With new and advanced technology tools, we are moving our myriad IT and business applications onto the cloud, from document management to design collaboration software.

Our management and staff have shown a great willingness to embrace technological change, which is vital amid structural shifts in our industry. This bolsters confidence in the future of the Group.

The Group will continue to explore new technology and AI for transformation, and through embracing digital innovation, lead the way in building new opportunities for an Experience Beyond.

Group Revenue
S\$4.4m

Group EBIT
S\$5.0m

Singapore EBIT
S\$1.3m

Malaysia EBIT
S\$1.7m

Vietnam EBIT
S\$3.0m

Other Overseas EBIT
(S\$957k)

OUR ORGANISATION



360 SOLUTION

ONG&ONG embraces each project's process as a singular integrated solution. We aim to form a tripartite framework consisting of design, project management and engineering solutions, to provide opportunities for cross-disciplinary interaction as well as to create coherent and sustainable designs.

Design

- Masterplanning
- Brand Engagement
- Architecture
- Experience Design
- Interior
- Landscape
- Lighting

Engineering

- Mechanical
- Electrical
- Civil
- Structural
- Environmental
- Fire Safety

Management

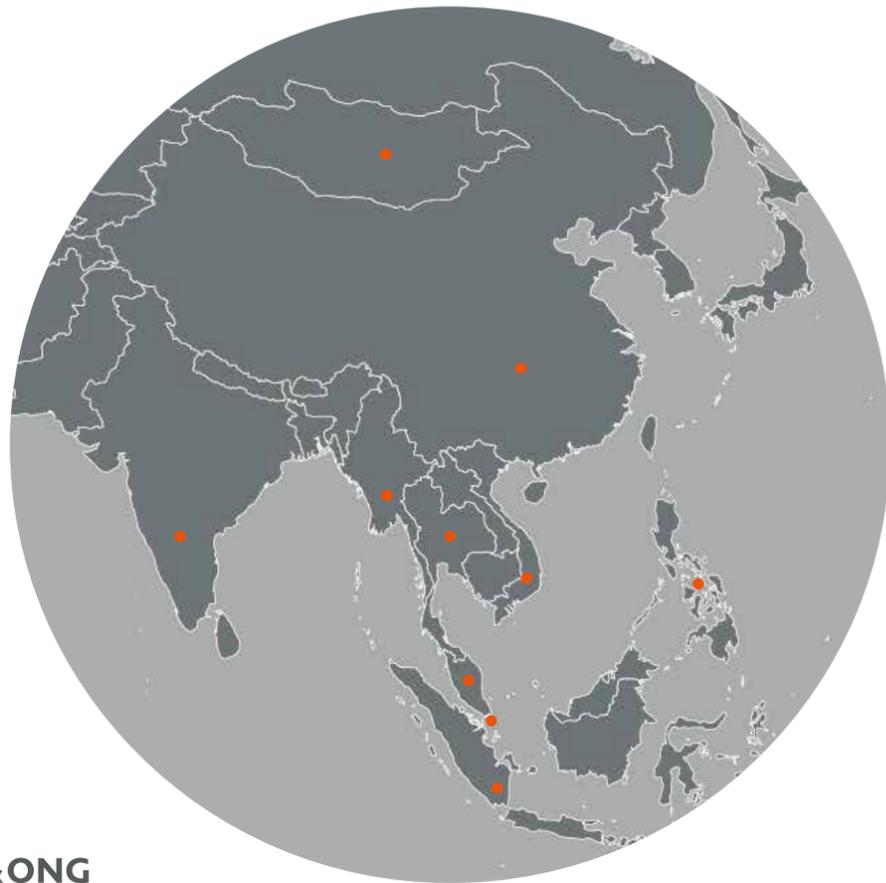
- Project
- Development
- Construction
- Cost
- Place

9JW-House
Singapore



Experience Beyond
Delight

GLOBAL REACH



ONG&ONG group

Singapore
China
India
Indonesia
Malaysia
Mongolia
Myanmar
Philippines
Thailand
Vietnam

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OUR WINNING STREAK

2018



International Property Award 2018
Architecture Multiple Residence
Asia Pacific, Winner
Monterey Residences
Architecture

Asia Pacific Property Awards,
Singapore Mixed-use Architecture,
Award Winner

Asia Pacific Property Awards,
Singapore Best Mixed-use
Architecture, 5 Star Award Winner

Asia Pacific Property Awards,
Asia Pacific Mixed-use Architecture,
Nominee
Heartbeat@Bedok
Architecture, Landscape & M&E

Asia Pacific Property Awards,
Malaysia Architecture Multiple
Residences, Award Winner

Asia Pacific Property Awards,
Malaysia Best Architecture Multiple
Residences, 5 Star Award Winner
Monterey Residences
Architecture

Asia Pacific Property Awards,
Malaysia High-rise Architecture,
Award Winner

Asia Pacific Property Awards,
Malaysia Best High-rise
Architecture, 5 Star Award Winner
Parque Residences
Architecture

Asia Pacific Property Awards 2018,
Mixed-use Architecture Vietnam,
Award Winner
Sala Sarica
Architecture, Interior Design,
Landscape, C&S and M&E

Asia Pacific Property Awards 2018,
Interior Design Show Home
Vietnam, Award Winner
Empire City Show Gallery
Interior Design

Asia Pacific Property Awards,
Singapore Residential
High-rise Development,
5 Star Award Winner
The Scotts Tower
by Far East Organization
Architecture

Asia Pacific Property Awards 2018,
Best Development Marketing
Vietnam, 5 Star Winner
Senturia Vuon La
Landscape



World Architecture Festival,
Finalist
Heartbeat@Bedok
Architecture, Landscape & M&E



BCI Asia Top Ten 2018 Architects
ONG&ONG



FIABCI World Prix d' Excellence
Awards 2018, Gold Winner
(Master Plan Category)
Setia Eco Glades
Architecture



A' Design Awards, Residential
Home Category, Gold Winner
Faber-House
Architecture

A' Design Awards, Residential
Home Category, Gold Winner
KAP-House
Architecture



Singapore Good Design, Certificate
of SG Mark 2018
The Scotts Tower
by Far East Organization
Architecture



International Federation of
Landscape Architects (IFLA),
AAPME Awards 2018 Award
of Excellence
Yishun Nature Park
Landscape



MIPIM Asia Awards,
Best Residential Development,
Bronze Winner
The Scotts Tower
by Far East Organisation
Architecture

Architizer A+ Awards

Architizer A+ Awards 2018,
Unbuilt Hospitality, Finalist
Mam Concept
Architecture



DOTY
Designer of the Year Awards
ONG&ONG



Singapore SME 1000 Company 2018,
on achievement as a Spore SME
1000 Company
ONG&ONG Group Pte Ltd
ONG&ONG Holding Pte Ltd
ONG&ONG Pte Ltd

2018



Star Property Awards,
Cornerstone Award
Eco Sanctuary
Architecture



The International Architectural
Awards 2018, Winner
Gateway Theatre
Architecture, Landscape,
Lighting and M&E

The International Architectural
Awards, Winner
KAP-House
Architecture



BCI Asia Interior Design
Awards 2018
Ocean Gate Nha Trang
Interior Design



Architecture Masterprize 2018,
Architectural Design – Residential
Architecture, Honourable Mention
Bishopsgate House
Architecture



PropertyGuru Vietnam Property
Awards, Best High End Condo
Architectural Design, Winner

PropertyGuru Vietnam Property
Awards, Best High End Condo
Landscape Architectural Design,
Highly commended
One Verandah
M&E

PropertyGuru Vietnam Property
Awards, Best High End Condo
Development (Ho Chi Minh City),
Highly commended
RichLane Residences by Mapletree
Interior Design

PropertyGuru Vietnam Property
Awards, Best Housing Landscape
Architectural Design,
Highly commended
Senturia An Phu
Landscape

PropertyGuru Vietnam Property
Awards, Best Housing Landscape
Architectural Design,
Highly commended

PropertyGuru Vietnam Property
Awards, Best Housing Development
(Ho Chi Minh City), Winner
Senturia Vuon Lai
Landscape

PropertyGuru Vietnam Property
Awards, Best Condo Landscape
Architectural Design,
Highly commended
Gem Riverside
Architecture

PropertyGuru Thailand Property
Awards, Best Luxury Condo
Development (Bangkok),
Highly commended

PropertyGuru Thailand Property
Awards, Best Condo Landscape
Architectural Design (Bangkok),
Highly commended

PropertyGuru Thailand Property
Awards, Best Luxury Condo
Architectural Design (Bangkok),
Highly commended
Park Origin Phayathai
Architecture

PropertyGuru Singapore Property
Awards, Best Universal Design
Development

PropertyGuru Singapore Property
Awards, Best Private Condo
Development

PropertyGuru Singapore Property
Awards, Best Private Condo
Interior Design
Jadescape
Architecture, Interior Design and M&E



BCA Green Mark Award,
Platinum for Office Interior
GIC Pte Ltd
Interior Design

BCA Construction Productivity
Award (Civil Engineering Projects),
Platinum

BCA Construction Excellence
Award (Civil Engineering Projects
Category)
Downtown MRT Line, comprising of
Mattar Station, MacPherson Station,
Ubi Station, Kaki Bukit Station &
Bedok North Station
Architecture

2017



**World Architecture Festival
Landscape of the Year, Finalist**
Yishun Nature Park
Landscape

**World Architecture Festival
Residential - Future Projects, Finalist**
Kamala Kandara
Architecture



**FIABCI
World Prix d'Excellence
Residential (Mid Rise) Category,
World Silver Winner**
Waterfront Collection



**BCA Built Environment Leadership
Award, Gold**
ONG&ONG

**BCA Universal Design Mark Award,
Gold^{PLUS}**
Heartbeat @ Bedok
Architecture, Landscape and M&E

BCA Green Mark Award, Platinum
Singapore Sustainability Academy
Architecture and M&E

BCA Green Mark Award, Platinum
DSTA Annex
M&E

BCA Green Mark Award, Platinum
Tiong Seng Building
M&E

BCA Green Mark Award, Platinum
Wisma Geylang Serai
M&E

BCA Green Mark Award, Gold^{PLUS}
Watercove
M&E

BCA Green Mark Award, Gold^{PLUS}
Greyform Building
Architecture, M&E and Fire Safety

BCA Green Mark Award, Gold^{PLUS}
Matilda Portico
Architecture, M&E and C&S

BCA Green Mark Award, Gold^{PLUS}
Toa Payoh Apex
*Architecture, Landscape, M&E and
C&S*

BCA Green Mark Award, Gold
Tanglin Trust School
*Architecture, Landscape, M&E and
C&S*

BCA Green Mark Award, Gold
Loyang Point
Architecture, M&E and C&S

BCA Green Mark Award, Gold
Whampoa Dew
Architecture, M&E and C&S

BCA Green Mark Award, Gold
Tiong Bahru Community Centre
M&E

BCA Green Mark Award
Sophia Hills
M&E

BCA BIM Award, Gold^{PLUS}
The Ulu Pandan Bus Depot Off
Boon Lay Way
Architecture and M&E

BCA BIM Award, Gold^{PLUS}
Tiong Seng Building
M&E

BCA BIM Award, Gold^{PLUS}
Hundred Palms Residences
M&E

BCA BIM Award, Gold
Adult Disability Home at Sembawang
Walk
Architecture, M&E and C&S

**BCA Construction
Productivity Award, Platinum**
Rivervale Delta
Architecture, M&E and C&S

**BCA Construction
Excellence Award, Merit**
Rivervale Delta
Architecture, M&E and C&S

**BCA Construction
Excellence Award, Merit**
Sea Esta Condominium
M&E and C&S

**BCA Construction
Excellence Award, Merit**
Silversea
M&E

**BCA Construction
Excellence Award,**
Yishun Greenwalk
Architecture and M&E

**BCA Construction
Excellence Award,**
Bukit Panjang Station and Tunnels
for Downtown Line Stage 2
M&E

**BCA Construction
Excellence Award,**
Kovan Regency
M&E

**BCA Construction
Productivity Award, Platinum**
Rivervale Delta
Architecture, M&E and C&S

**BCA Construction
Productivity Award, Platinum**
Bukit Panjang Station and Tunnels
for Downtown Line Stage 2
M&E

**BCA Construction
Productivity Award, Gold**
Sea Esta Condominium
M&E and C&S

**BCA Design and Engineering
Safety Excellence Award**
The Scotts Tower
Architecture



**Fire Safety Design Excellence
Public Infrastructure Category
(QP/Consultant Firm), Outstanding**
MacPherson Interchange
MRT Station
Architecture

**Fire Safety Design Excellence
Commercial Category
(QP/Consultant Firm),
Honourable Mention**
Oasia Hotel Downtown
M&E

2017



**Asia Pacific Property Award
Best Hotel Architecture Taiwan,
5 Star Award Winner**
Taroko Pacific Hotel &
Serviced Apartments
Architecture

**Asia Pacific Property Award
Best Hotel Architecture,
Asia Pacific, Nominee**
Taroko Pacific Hotel &
Serviced Apartments
Architecture

**Asia Pacific Property Award
Architecture Multiple Residence
Cambodia, Award Winner**
Siem Reap Botanic Residences and
Lifestyle Mall
Architecture

**Asia Pacific Property Award
Hotel Architecture Indonesia,
Award Winner**
Marriott Development
Architecture

**Asia Pacific Property Award
Residential High-rise Architecture
Myanmar, Award Winner**
Aspire
Architecture

**Asia Pacific Property Award
Hotel Architecture Thailand,
Award Winner**
Layan Beach Resort
Architecture and Interior Design



**The American Architectural Prize
Landscape Architecture Category,
Winner**

Heartbeat @ Bedok
Landscape

**The American Architectural Prize
Architectural Design - Renovation
& Restoration Category, Winner**
Al-Ansar Mosque
Architecture

**The American Architectural Prize
Commercial Architecture Category,
Honourable Mention**
Gateway Theatre
*Architecture, M&E,
Landscape and Lighting*



**SIA Architectural Design Award
Commercial - Hotel Category,
Building of the Year,**
Oasia Hotel Downtown, Singapore
M&E



**Singapore Landscape
Architecture Awards
Parks and Public Spaces,
Silver Award**
Yishun Nature Park
Landscape



**Skyrise Greenery
Commercial / Industrial Category,
Excellence Award**
Oasia Hotel Downtown



**PropertyGuru Asia Property
Awards
Best Condo Architectural Design
(Indonesia), Winner**
Wang Residence
Architecture

**PropertyGuru Asia Property
Awards
Best Condo Architectural Design
(Indonesia), Winner**
Gold Coast Sea View Apartment
Architecture
**PropertyGuru
Singapore Property Awards
Best Condo Interior Design, Winner**
Le Quest
Interior Design

**PropertyGuru
Singapore Property Awards
Best Luxury Condo Development
Best Luxury Condo Architectural
Design, Winner**
Spottiswoode Suites
Architecture

**PropertyGuru
Indonesia Property Awards
Best Mid Range Condo
Development (Jakarta), Award
Winner**
Gold Coast Sea View Apartment
Architecture

**PropertyGuru
Indonesia Property Awards
Best High End Condo Architectural
Design, Award Winner**
Wang Residence
Architecture

**PropertyGuru
Indonesia Property Awards
Best Mid Range Condo
Architectural Design, Award
Winner**
Gold Coast Sea View Apartment
Architecture

**PropertyGuru
Indonesia Property Awards
Best High End Condo Development
Architectural Design,
Highly Commended**
Wang Residence
Architecture

**PropertyGuru
Myanmar Property Awards
Best Housing Development
Architectural Design, Winner**
Golden Valley Residences
Architecture

**PropertyGuru
Myanmar Property Awards
Best Housing Design,
Highly Commended**
Golden Valley Residences
Architecture



*For resort living that embodies your lifestyle, **never compromise.***

The Parque Residences
An ONG&ONG project

LIVE
LEARN
CREATE.

Live responsibly and assist our fellow global citizens
Collective knowledge to exact positive change
Innovate sustainable solutions for a better tomorrow



Daburo & Porto



ONG SIEW MAY PEAK
[42°19'22.73"N 80°0'53.84"E]
(4,451m)

ONG TENG CHEONG PEAK
[42°20' 33.5976"N 80°2' 56.4714"E]
(4,743m)

EXPERIENCE
BEYOND.

ONG Foundation continues its mission focus in support of education (design & engineering) and healthcare; education that underscores the importance of leadership.

Since 2017, for a period of five years, ONG Foundation has set out to instil leadership through various expeditions, and will continue this same commitment till 2021. Leadership and Mountaineering both have similar paramount values for excellence – agility, empowerment, planning and trust.

The Ong Teng Cheong Peak (4,743m), in Kazakhstan, was aptly named, as the nation's late President was patron of Singapore's first Everest expedition in '98 during his Presidency. The Ong Siew May Peak (4,451m), in Kyrgyzstan, is an adjacent summit named in honour of the late president's wife.

Through these initiatives, the ONG Foundation hopes to hone better experiences, better inventions, and better tomorrows for years to come. This will only be possible with responsibility for the world around us, and sharing knowledge together, to emanate positive change.

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EXPERIENCE
BEYOND.



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