

**To make a contribution
to future generations by
connecting creatively to
develop holistic solutions,
for better quality lives,
now and for the future.**



COVER PHOTO
Terrence Zhang

About Inhabit

Inhabit is a global consultancy that is committed to creating a better built environment for future generations.

Complementing traditional engineers and architects, our focus is delivering solutions to improve the quality and sustainability of today's buildings. Established in 2010, with offices in Asia Pacific, the Middle East and Europe, Inhabit has developed a diverse international body of work that includes partnerships working with some of the most creative and celebrated designers around the world, resulting in a wealth of experience across project types.

Our unique, multi-skilled team of professionals are driven and passionate about making a positive and long-term contribution to our built environment. With diverse, specialised skillsets and a collaborative working model, we consider projects holistically, keeping in mind the fundamental design aspirations and concurrently assessing the potential for future construction issues.

This perspective provides an opportunity to assess and reduce risk in the design at an early phase by completely exploring and testing concepts so that specified performance can be realised.

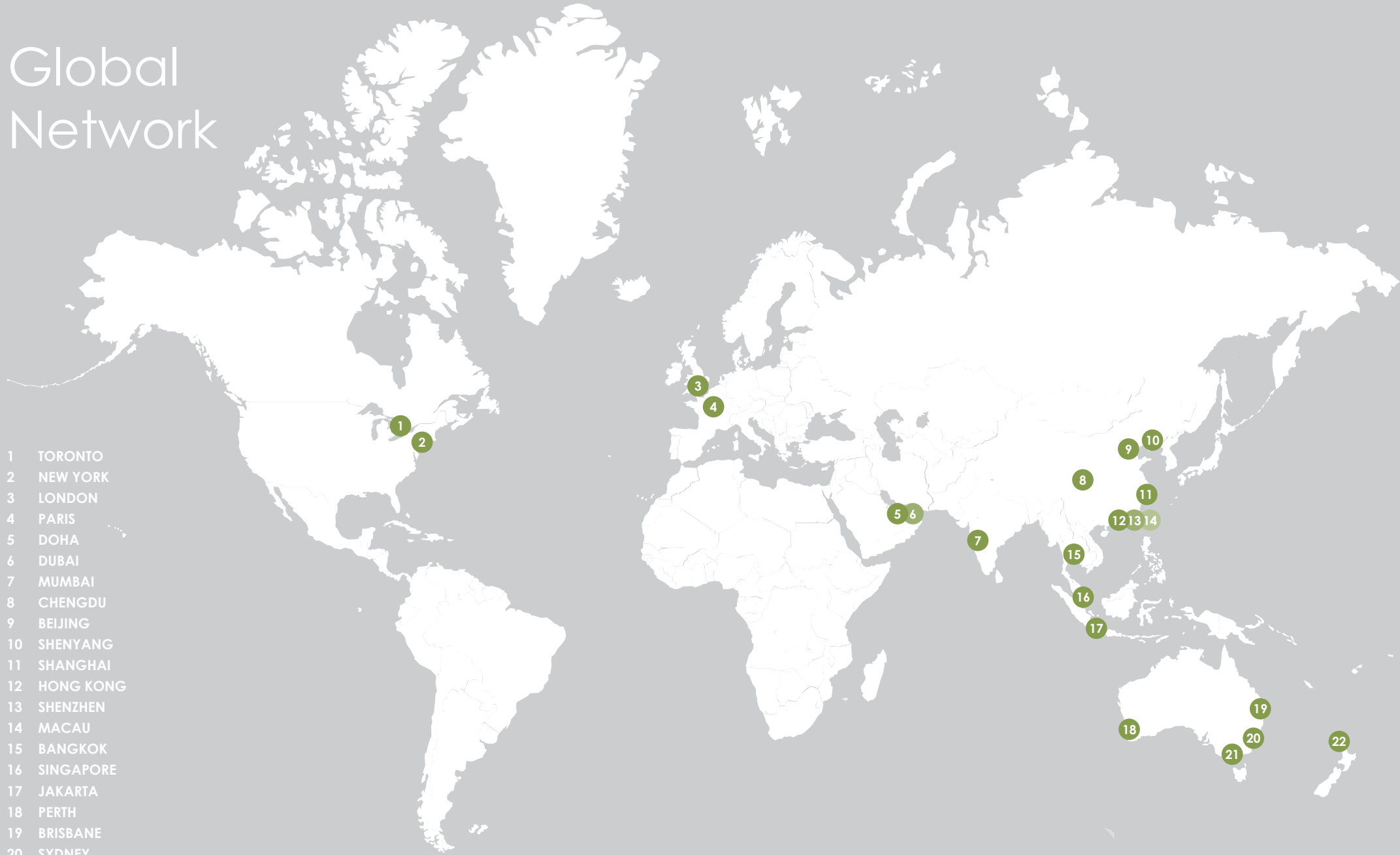
We adapt responsively to capture opportunities and achieve more by working together and leveraging collective capabilities to achieve the desired outcomes.

Inhabit welcomes continuous engagement with clients, priding ourselves on making a contribution to a high-performing and future-focused built environment.

Inhabit is an independent subsidiary of Egis, Europe's leading consulting and engineering firm. Together, we form a design-led consulting group with a global capability.

Global Network

- 1 TORONTO
- 2 NEW YORK
- 3 LONDON
- 4 PARIS
- 5 DOHA
- 6 DUBAI
- 7 MUMBAI
- 8 CHENGDU
- 9 BEIJING
- 10 SHENYANG
- 11 SHANGHAI
- 12 HONG KONG
- 13 SHENZHEN
- 14 MACAU
- 15 BANGKOK
- 16 SINGAPORE
- 17 JAKARTA
- 18 PERTH
- 19 BRISBANE
- 20 SYDNEY
- 21 MELBOURNE
- 22 AUCKLAND



Services

Our whole-of-project approach provides our skilled team with a comprehensive understanding and knowledge of façade design, fabrication and construction.

This experience paired with our specialist knowledge allows clients to explore and evaluate the opportunities and potential solutions from the team's understanding of the many methodologies available and the relationship to cost and program.

We can leverage the skills of our diverse range of specialists to evaluate the sustainable performance requirements of the project's building envelope and its impact on the life-cycle costs and the long-term viability of the development.

SKIN

Façade Consulting | Façade Engineering

SIGHT + SOUND

Venue Planning | Acoustics | Audio Visual

SENSE

Net Zero | Building Physics | Sustainability

LIGHT

Architectural Lighting | Daylighting
Stage + Theatre Lighting
Bespoke Luminaires

PROCURE

Procurement Consulting | Quality Assurance + Quality Control

HEAL

Investigation + Diagnostic | Repair + Restoration | Façade Refurbishment + Upgrade | Recladding

CARE

Access + Maintenance
Building Maintenance Units

TRANSFORM

3D Modelling | Computational Design
BIM | Shop Drawings





SKIN

Our approach to the envelope is to look primarily at the vision that has been created by the building designer and to understand the story being told. In realising the concept, we develop a creative narrative to begin the process of delivering a technical solution to an architectural vision.

There are a number of factors our team takes in to consideration including aesthetics, structural and mechanical engineering, material science, procurement, fabrication and constructability. Through a detailed understanding of these specialised areas, we are able to develop elegant and commercially viable solutions to architectural challenges that are constantly being refined. Such solutions can be established with the employment of advanced design and engineering tools such as specifically enhanced

software and 3D modelling, technology advancements in materials, and often simply by applying common sense design principles that have been rigorously tested over time.

Our philosophy is centred around finding solutions that cost less, last longer and make buildings more efficient. We are committed to collaboration with other like-minded designers, with the experience and knowledge to understand that successful collaboration will lead to a successful outcome.

SENSE

By creating sustainable, high-performing building designs we seek to improve the comfort of occupants and develop solutions that are long term and sustainable. Our focus is the living, breathing 'skin' of the building and Inhabit's Building Physics and ESD services prioritise the complexities of the building performance, against the backdrop of meeting the sustainable design goals of the project.

Our capabilities range across the project life cycle, from business case and project concept through to detail design and analysis, construction, and post-occupancy assessment. We see our Building Physics capability as a mechanism to realise outcomes at a detail design and assurance level. Through this detail-oriented approach, we are better able to holistically co-ordinate project teams towards macro scale ESD goals that are achievable in practice. This diversity of experience, coupled with our drive to deliver the best outcomes, gives our team a leading edge in pragmatic and outcome-focused project involvement.

We promote the use of the Passivhaus Standard as best practice through Grün Consulting, an Inhabit company. Together, Grün Consulting and Inhabit offer Passivhaus consultancy across the building lifecycle from concept and schematic design to tendering and construction and certification.

CARE

Access and Maintenance, or more commonly termed 'BMU Consultancy', covers a broad array of service offerings that ensure an integrated solution is provided at the outset of a project and is fully coordinated with all disciplines.

Inhabit has extensive knowledge and experience solving issues related to the access of surfaces or services and the subsequent design, specification and execution of the maintenance solution.

The services provided can cover a multitude of scopes, such as external façades, interior façades, architectural features, signage and LED screens, multi-height voids and soffits, bridges and lift shafts.





LIGHT

Our lighting design team is driven by highly experienced and creative designers who are passionate about developing unique and innovative designs that enhance the visual environment and the impact of light on the quality of our surroundings.

We work collaboratively with clients and other designers to generate exciting and interesting visual experiences that help define the core characteristics of the overall design. We believe that our work adds value to projects through our ability to use light.

Our designs are technically robust and demonstrate a responsible attitude towards our environment, maintenance, budget and programme. We have created lighting solutions that span the spectrum from private residences to public arenas, art galleries and landscapes to multi-storey towers.

Quality of light plays a vital role in the success of projects and we seek to deliver our creativity in ways that augment the architecture and enhance the visual experience of every project with which we are involved.

PROCURE

Offshore supply chains provide tremendous opportunities to utilise low-cost manufacturing in order to reduce building costs. In the past 10 years, the façade industry has gone through a monumental change and now a high percentage of the world's high rise building façades are manufactured in China and SE Asia. This has meant that Chinese manufacturers have needed to adapt to international standards very quickly and improve the quality of their products to a level that is acceptable across global markets. As a result of this, QA/QC systems need to be in place to protect builders, developers and end users.

Inhabit provides a range of services throughout China and SE Asia to support international projects requiring the offshore procurement of materials.

SIGHT & SOUND

Our acoustic, theatre and audio–visual disciplines pursue creative design solutions that consider the strategic, aspirational and financial objectives of our clients. Through informed stakeholder engagement we identify the holistic aspirations and priorities that contribute to flexible, efficient and inspiring projects.

Each space has a unique acoustic personality. As people enter and engage with a space, its materiality and geometric composition express and draw an individual response. We do this unconsciously throughout the day, every time we enter a new room or space.

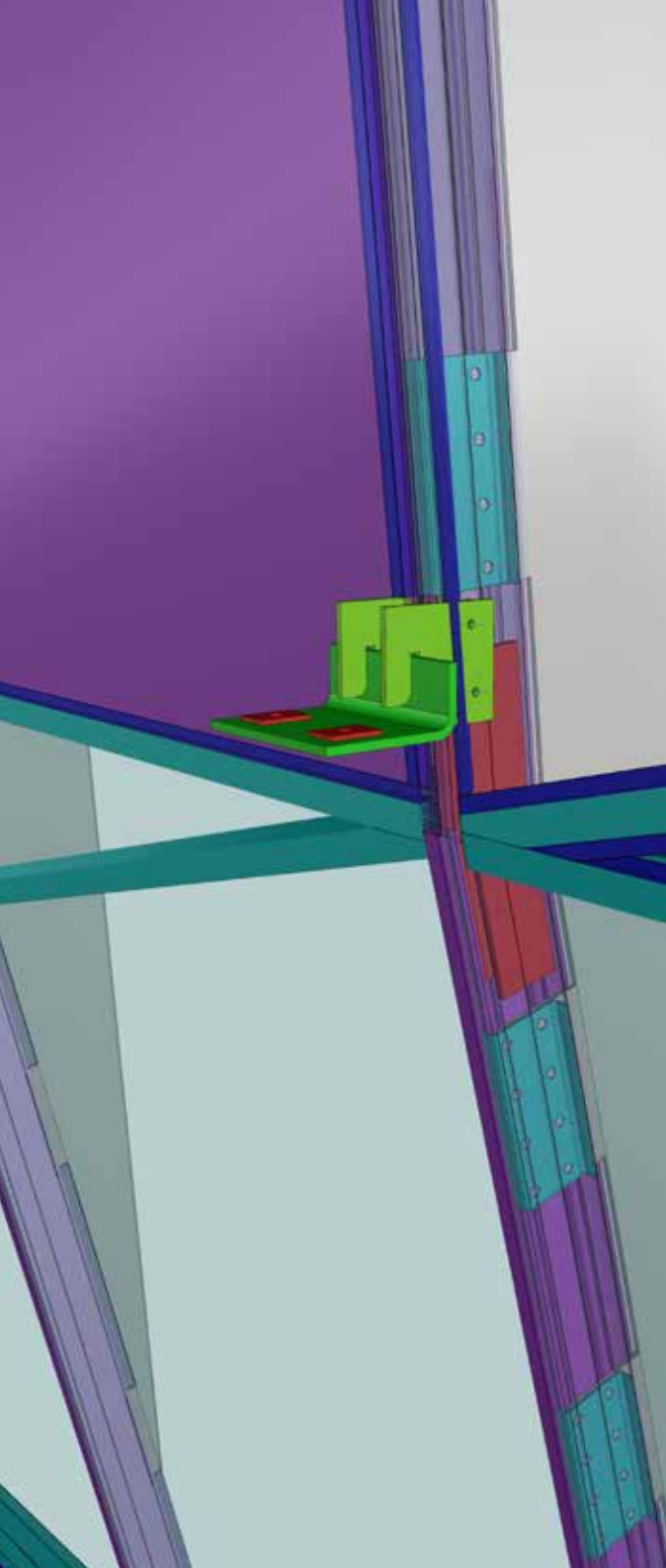
Planning for acoustics begins with an understanding of the goals and aspirations of occupants' advantage. We use an interactive, creative design model, to pursue collaborative design responses that are integrated with the geometry, finishes, structure and systems of each unique building. Our services include brief development and stakeholder

engagement, building acoustics design, room acoustics modelling and optimisation and environmental noise mitigation.

Specialist Venue Planning is the holistic alignment of brief, concept, aspiration and value at the feasibility and concept phases of a project. We develop a design that responds to the site and the project's functional requirements. We identify the sonic and theatrical aspects of project that affect the critical spatial requirements and planning relationships that inform the physical and cost planning.

Inhabit integrates complex technical systems with architectural design and engineering disciplines. Our audio–visual design approach begins with the experience of the users and develops systems that are simple to operate and provide flexible technologies that support rather than impede. Our team seeks integrated audio–visual design solutions that are future focused and scalable within an interactive user experience.





TRANSFORM

Modern technology in manufacturing and production process, along with software innovation has seen the construction industry now working in 3D with Building Information Modelling (BIM) influencing design outcomes. Inhabit's network of production professionals helps to inform the buildability and practicality of designed systems between the design intent and finished product.

Our team is focused on the creation of highly detailed drawings and 3D renderings that are used by all sectors of the building industry. From architects in early stage design, across to fabricators and installers onsite, we influence a broad range of clients across different stages of the production lifecycle.

Being engaged on active projects, creating shop drawings that transform to fabricated panels and helping resolve the problems that come with each new design, leads to the satisfaction of creating a building envelope that performs as intended.

HEAL

A holistic remedial service enables our clients to proactively manage risk, improve asset value and elevate public and occupant wellbeing.

Inhabit's diagnostic and remedial specialists provide a technically focused pathway with the desired outcomes balanced between enhanced performance and increasing the life of existing building façades.

This includes undertaking condition assessments and materials testing aimed at diagnosing the contributing factors leading to the condition of the building envelope. Our teams use a variety of industrial rope access, building maintenance units and elevated work platforms, inspecting all façade types across many sectors.



Our Commitment

Our values shape the way we work and behave and inform our commitment providing our clients with cost effective, value-driven and sustainable solutions.

Inhabit seeks to conduct business in an ethical, honest and transparent manner with a commitment to act professionally, fairly and with integrity in all our business dealings and relationships in all regions where Inhabit operates.

We endeavour to identify and manage all conflicts of interest so that they do not affect our services and we take a zero-tolerance approach to bribery and corruption.

Inhabit is committed to strengthening our work practices to create solutions in a way that has a positive impact on the world

around us. We closely analyse the impact Inhabit's design solutions have on energy consumption, greenhouse gas emissions or natural resources.

Our company fosters a culture in which our people welcome and support each other, go the extra mile in their role and focus on creating and producing work in a better way. We aim to provide and improve gender equality in the workplace and provide an environment which recognises, respects and values the diversity of its workplace participants.

We are committed to providing a safe and healthy environment for employees, contractors, clients and the public. We are dedicated to continually improving health and safety performance and will promote a high standard of health and safety.



Projects



WANGJING SOHO

Three curved asymmetric towers designed as inter-weaving mountains by UK-based architect Zaha Hadid fuse building and landscape. Featuring curved and tapered forms, the main façade systems include a unitized curtain wall system with stepped aluminium cladding of slab. The slab cladding was custom designed to vary in height, width and depth. Cold-bending technology was successfully adopted to achieve the smooth curvature of the aluminium strips while achieving savings.

INHABIT	Façade Consulting Access + Maintenance
CLIENT	SOHO China
ARCHITECT	Zaha Hadid China Construction Design International

BEIJING, PEOPLE'S REPUBLIC OF CHINA





TENCENT SEAFRONT TOWER

Designed to achieve LEED NC Gold certification, Tencent's headquarters is a vertical campus contained in two towers positioned and rotated to help minimise direct exposure to the sun, as well as capture prevailing winds and aiding ventilation. The unitised curtain wall façade includes glare and solar heat gain control systems and incorporates a modular shading system that adjusts according to the degree of sun exposure.

INHABIT	Façade Consulting
CLIENT	Tencent
ARCHITECT	NBBJ
PHOTOS	Terrence Zhang

SHENZHEN, PEOPLE'S REPUBLIC OF CHINA





**We seek to fully
understand our clients
aspirations to deliver
outstanding solutions,
exceeding their
expectations.**

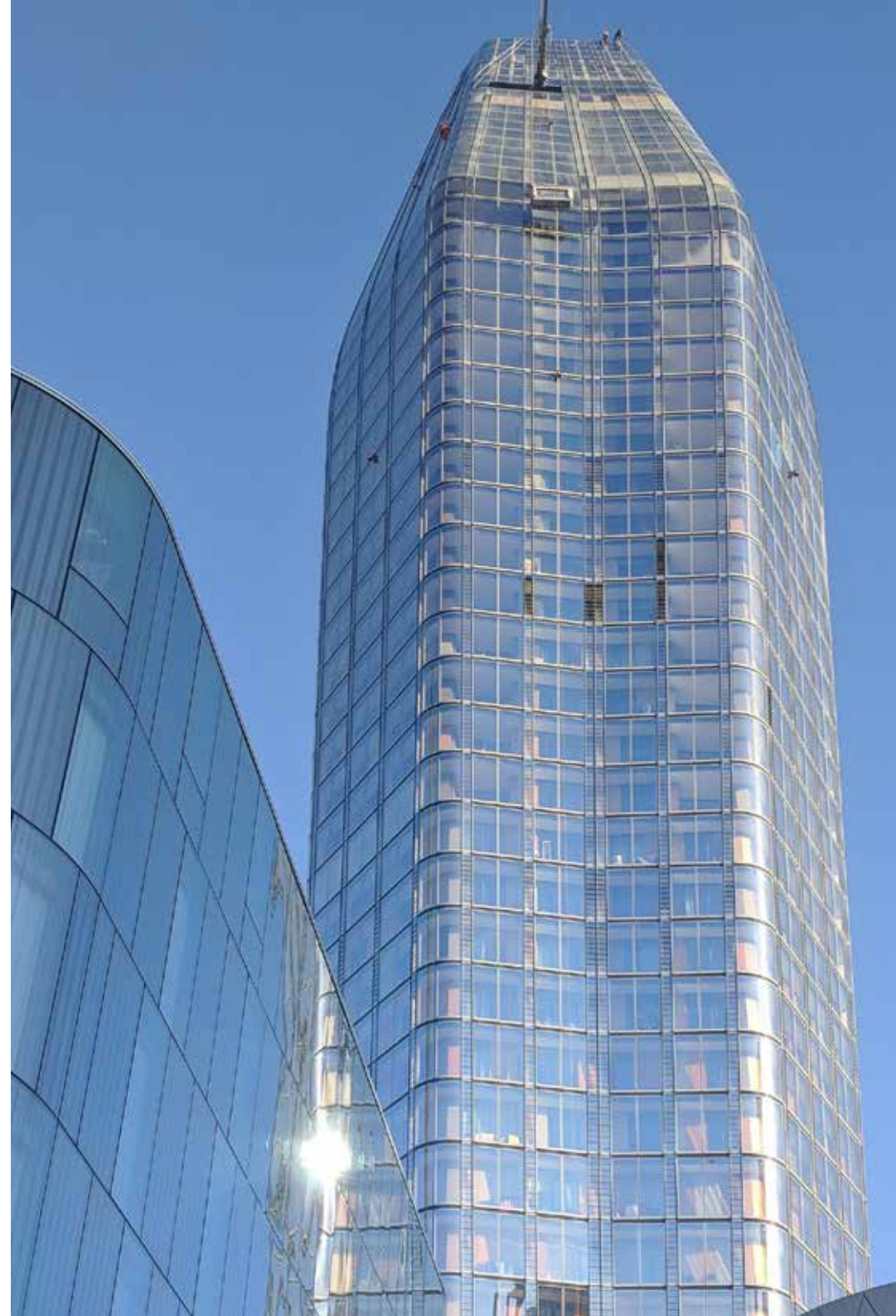


ONE BLACKFRIARS

Standing out on London's skyline the shimmering façade of this tower is characterised by a seamless outer glass skin which envelops a subtly coloured interior structure. One of the tallest residential buildings in Europe, the residential tower has 274 homes and mixed-use outlets.

INHABIT	Façade Consulting
	Logistics
CLIENT	St George
ARCHITECT	SimpsonHaugh

LONDON, UNITED KINGDOM





GEELONG LIBRARY AND HERITAGE CENTRE

This unique and visually striking public space breaks the mould of a traditional library. The façade, architecturally inspired by a grotto, shrouds a complex tessalation of glazing with mirror shadowboxes stepping representing stalactite and stalagmite structures.

INHABIT	Façade Consulting
CLIENT	City of Greater Geelong
ARCHITECT	ARM Architecture

GEELONG, AUSTRALIA





OCEAN TERMINAL EXTENSION

Commercial development of a new 4-storey extension at the Ocean Terminal. One of the major challenges was the movement of the marine deck due to tidal changes and berthing cruise ships requiring the base of the façade to be released in all directions through the introduction of a 'floating deck' to transfer the load back to the columns.

INHABIT	Façade Consulting Building Physics Access + Maintenance
CLIENT	Harbour City Estate Ltd Wharf Holdings
ARCHITECT	Foster + Partners

HONG KONG, PEOPLE'S REPUBLIC OF CHINA



WEST KOWLOON TERMINUS

An underground terminus for 80,100 passengers daily, the building has a 3-dimensional roof structure with associated glass façade systems. The cleaning and access requirements internally are most challenging due to the high ceilings and geometry. The overall structure is highly irregular in shape and is made up of long span steel trusses with huge differential movements and tolerances.

INHABIT	Façade Consulting
	Access + Maintenance
CLIENT	Leighton Gammon Joint Venture
ARCHITECT	AEDAS
PHOTOS	Kris Provoost Photography

HONG KONG, PEOPLE'S REPUBLIC OF CHINA





THE REALM – EASTLAND SHOPPING CENTRE

The centrepiece of a new town square precinct at the redeveloped shopping centre, this building is a multi-purpose facility featuring a library and a cultural, knowledge and innovation centre. The double-skin façade consists of strip window glazing and a Glass Reinforced Polymer lattice frame. At ground level, a frameless glass façade is featured, maximising sight lines and allowing natural light into the building.

INHABIT	Façade Consulting Façade Engineering Building Physics
CLIENT	Probuild
ARCHITECT	ACME The Buchan Group

MELBOURNE, AUSTRALIA



MALL SKYLIGHT – EASTLAND SHOPPING CENTRE

Enclosing the central mall area the shopping centre skylight provides natural light to three levels of premium retail space. The structure is made from fabricated laser-cut steel sections and the glass includes curved and faceted double-glazed units, with some inclusive of a graduated frit pattern to assist thermal performance and provide screening.

INHABIT Façade Consulting
 Façade Engineering
 Building Physics
CLIENT QIC | Probuild | Sinobau
ARCHITECT ACME | The Buchan Group

MELBOURNE, AUSTRALIA



**We lead the way
in challenging
the status quo,
and in never
giving up to find
an innovative
solution.**





HONGQIAO VANTONE SUNNYWORLD CENTRE

At the heart of a major sustainable masterplan, this dynamic mixed-use community is centered on a 4ha public park in Shanghai Hongqiao CBD. For the two 43m office towers architects Foster + Partners designed serial horizontal, parametric fins which can maximize the visible light transmittance and minimize the solar heat gain.

INHABIT	Façade Consulting Access + Maintenance
CLIENT	Vantone Sunnyworld
ARCHITECT	Foster + Partners
PHOTOS	Wang Zilu

CHANGSHA, PEOPLE'S REPUBLIC OF CHINA







GRAND THEATRE OPERA HOUSE

This opera house building seamlessly blends in with nature and the topography of the surrounding wetlands, appearing as if sculpted by wind and water. The active skin of the building comprises four dancing ribbons and free-form curved skylights allowing a high level of natural daylight and energy saving. The dancing ribbons are clad with a double curved 5mm aluminium panel fixed to a Kalzip standing seam underlay.

INHABIT	Façade Consulting
CLIENT	Harbin Government
ARCHITECT	MAD Architects
PHOTOS	Kris Provoost Photography

HARBIN, PEOPLE'S REPUBLIC OF CHINA



MURRAY HOTEL

The renovation and refurbishment of this listed 1960s building by architects Foster + Partners extends the life of this iconic Hong Kong building, at the same time introducing a new function to meet the changing demands of the city. In the original design the windows are recessed and carefully oriented to minimise the effect of the city's intense sub-tropical sunlight on the building's solar load.

INHABIT	Façade Consulting
	Access + Maintenance
CLIENT	Harbour City Estate Ltd Wharf Holdings
ARCHITECT	Foster + Partners
PHOTOS	Brian Zhang

HONG KONG, PEOPLE'S REPUBLIC OF CHINA







ROXY



CITY WALK

An urban retail and restaurant precinct with exclusive shops, restaurants and leisure activities set amongst 34 low-rise residential buildings, tree-lined avenues and a collection of contemporary street art murals. The façades included stick curtain walls, 3D Glass Reinforced Concrete (GRC) rainscreen cladding, dichroic glass fin façade, aluminium rainscreen cladding, stone rainscreen, media screen systems and canopies.

INHABIT	Façade Consulting
CLIENT	AECOM
	WSP
ARCHITECT	Benoy
	HKR Architect
PHOTOS	Ales Photography

DUBAI, UNITED ARAB EMIRATES



CHANGSHA INTERNATIONAL FINANCE SQUARE

Two skyscrapers soar above a prominent mixed-use development in the heart of Changsha, Hunan, creating a distinctive landmark on the city skyline. It is the tallest building in Changsha with a total GFA of about 980,000 sqm. This mixed-use development will house offices and a hotel. Inhabit's teams from the Hong Kong, Beijing, Chengdu and Shanghai offices collaborated as façade consultants on the project.

INHABIT
CLIENT
ARCHITECT

Façade Consulting
Wharf Holdings
Wong Tung & Partners
Hunan Architectural Design Institute

CHANGSHA, PEOPLE'S REPUBLIC OF CHINA



THE WATERFRONT PAVILION

On the original wharf of the Australian National Maritime Museum, this pavilion creates a transition experience for visitors as they move from the waterfront dock to a floating exhibit of naval memorabilia. The design of this tube-shaped pavilion creates a striking wave-like form through the slim vertical segments of dark grey aluminium panels on its façade. This detailed and articulated façade compliments the adjacent vessels.

INHABIT	Façade Consulting
CLIENT	Australian National Maritime Museum
ARCHITECT	FJMT

SYDNEY, AUSTRALIA



UNILEVER HEADQUARTERS

The headquarters of the world's largest transnational consumer goods company was designed to be true to the Unilever brand and the Indonesian culture. In collaboration with the client and the architect, Inhabit developed a series of unique lighting features and solutions to create a workplace which is vibrant, distinctive, efficient and functional.

INHABIT	Façade Consulting Lighting Building Physics Access + Maintenance Acoustics
CLIENT	Unilever Indonesia
ARCHITECT	AEDAS

JAKARTA, INDONESIA



We achieve more by working together and leveraging collective capabilities to achieve the desired client outcomes.





THE GREAT ROOM

Designed to offer amenity space and flexible office solutions, the Great Room is a co-working space. Inhabit's Hong Kong Lighting Team worked in close collaboration with architects to develop bespoke detailing and lighting features which are carefully positioned to generate a welcoming feel with a balanced level of drama and functional light.

INHABIT	Specialist Lighting Design
CLIENT	CBRE Pte. Ltd.
ARCHITECT	Hassell Studio
PHOTOS	Brian Zhang

HONG KONG, PEOPLE'S REPUBLIC OF CHINA





SKY VENTURE

With a faade sculptured like a crystal, Sky Venture is an indoor skydiving and climbing facility. The building's form consists of a complex mega-triangle secondary skin which was developed parametrically. Inhabit was engaged to provide faade consultancy services including faade design, parametric modelling and secondary steel structural design.

INHABIT	Faade Consulting Logistics
CLIENT	AECOM
ARCHITECT	AECOM

ABU DHABI, UNITED ARAB EMIRATES



BARANGAROO COMMERCIAL TOWERS T1

At 52 stories, T1 is the largest commercial tower constructed in the AU\$6b commercial development at Barangaroo. This premium quality office tower façade has a distinctive form accentuated by the projecting glass fins that radiate from the curtain wall.

INHABIT	Façade Consulting Logistics Access + Maintenance
CLIENT	NSW Government Lendlease
ARCHITECT	Rogers Stirk Harbour + Partners

SYDNEY, AUSTRALIA







FRENCH INTERNATIONAL SCHOOL

Setting an example in sustainability, the form of the building and façade designs are optimized in response to the local climate and to decrease energy consumption and increase comfort by passive means. The playful façade of the gymnasium incorporates colour and glass blocks made of precast concrete. A continuous seal is included at the inside and outside of the panel perimeter to optimise air and water-tightness to the building.

INHABIT	Façade Consulting
CLIENT	French International School
ARCHITECT	Henning Larsen
PHOTOS	Philippe Ruault

HONG KONG, PEOPLE'S REPUBLIC OF CHINA





N08, EAST VILLAGE

In a vibrant residential neighbourhood, formerly the London Olympic Athletes' Village, N08 has a robust podium with masonry construction and punched openings. The project's towers emerge from the podium with glazed ribbed panels framed in a precast stone grid with balconies and winter gardens on each side.

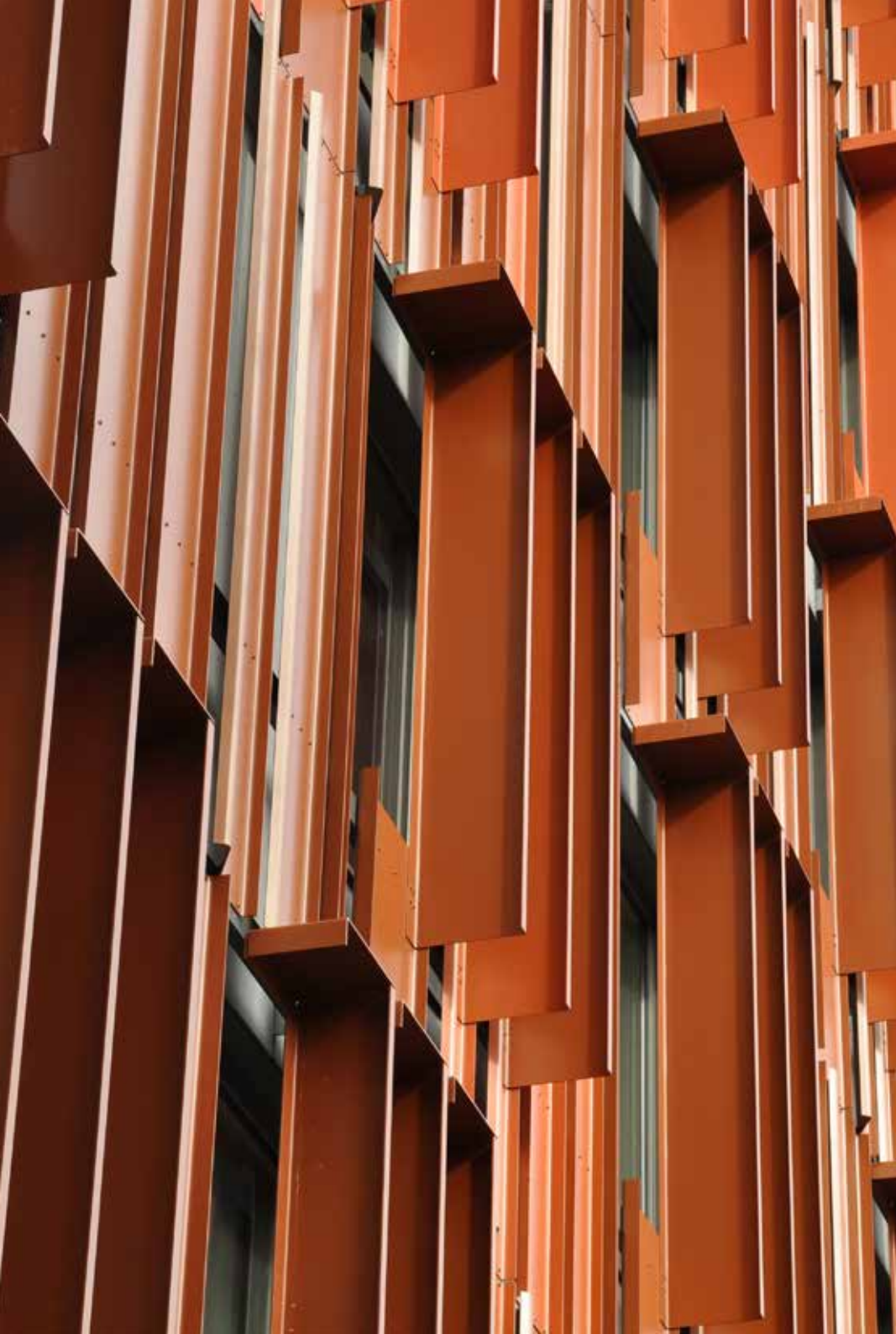
INHABIT	Façade Consulting Access + Maintenance
CLIENT	Mace Group
ARCHITECT	Lifschutz Davidson Sandilands Adamsons
PHOTO	Ales Photography

LONDON, UNITED KINGDOM

94 of the world's greatest cities
have committed to science-based
climate action plans to become
emissions neutral by 2050.

c40.org





GILLIES HALL, MONASH UNIVERSITY

Gillies Hall is Australia's largest Passivhaus building and a significant project for Monash University as it moves to deliver on its ambitious Net Zero initiative. The fossil-fuel-free project has no gas use on site and the rooftop solar plant is expected to cut grid electricity use dramatically. The building is expected to be at least three times more efficient than other halls of residence with half the embodied carbon of a concrete structure. It was certified by Passivhaus Certifier Clare Parry.

INHABIT	Passivhaus Certification
	Building Physics
CLIENT	AECOM
ARCHITECT	Jackson Clements Burrows

MELBOURNE, AUSTRALIA



RAFFLES CITY CHANGNING

A high-end development embraces heritage buildings on the site of the first girls' school in Shanghai. Raffles City Changning is located in the Zhongshan Park commercial hub and is the second Raffles City in Shanghai. The project consists of three high-end office towers and a large commercial podium. Five heritage buildings have been preserved on the site, the former St Mary's School. The towers' façade is a high-performance unitized curtain wall system. The podium has a large-scale glass wall with stainless steel cladding and a double layer of aluminium mesh on the façade.

INHABIT	Façade Consulting
CLIENT	Capital Land
ARCHITECT	P & T Group
PHOTOS	Zilu Wang

HARBIN, PEOPLE'S REPUBLIC OF CHINA







MENARA ASTRA HEADQUARTERS

This premium grade A commercial tower standing at 261m in height has a Platinum Green Mark Rating from BCA Singapore. The façade includes high performance unified curtain wall systems, large-span glass façades, twin cantilevered wing wall structures and a complex 3-dimensional geometric crown structure.

INHABIT

Façade Consulting

Acoustics

Access + Maintenance

CLIENT

Astra International

ARCHITECT

Nikken Sekkei

JAKARTA, INDONESIA





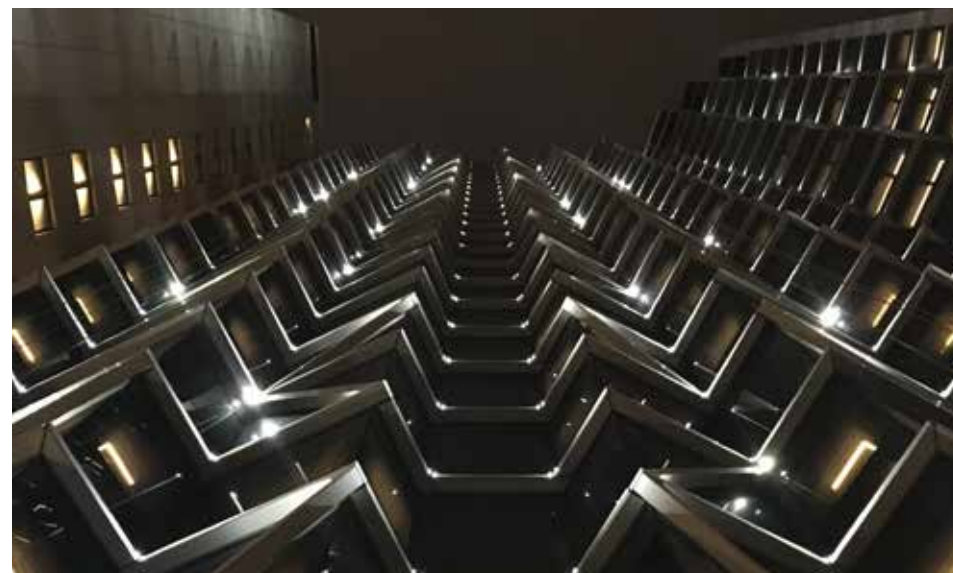
ABIL BOULEVARD

An Grade A 20-level office tower above 3 levels of parking podium which also includes street-facing retail shopfront. The building is enveloped in unitised curtain wall with a tapering fin feature, recessed balconies and stone-clad feature walls. The crown is stepped offering outdoor space to penthouse offices overlooking the Mula Mutha River.

INHABIT	Façade Consulting
CLIENT	ABIL Group
ARCHITECT	SSA Architects

PUNE, INDIA





EMPEROR HOTEL

With an irregular form made up of a series of steps and triangulations, the distinctive façade uses crisp white aluminium features, horizontally and diagonally, in contrast to black glazing to accentuate the triangulation of the building form. Integrated LED spot luminaires are concealed into the aluminium features to articulate the diagonal and horizontal elements.

INHABIT	Façade Consulting Specialist Lighting Design
CLIENT	Emperor Group
ARCHITECT	ALKF Architects
PHOTO	Brian Zhang for ROF Media

HONG KONG, PEOPLE'S REPUBLIC OF CHINA





NOVA, VICTORIA BUILDING NO.5

The Victoria Circle Nova project is part of a master plan redevelopment encompassing office, retail and residential accommodation. Inhabit was involved in all aspects of the project's façade development including key thermal risk reports, retrospective thermal support for interfaces, and advised on suitable materials for direct procurement routes.

INHABIT	Façade Consulting Access + Maintenance Logistics
CLIENT	Flanagan & Lawrence
ARCHITECT	Benson + Forsyth Architects
PHOTOS	Ales Photography

LONDON, UNITED KINGDOM



**We adapt responsively
to capture opportunities.**





MONASH BIOMEDICAL LEARNING AND TEACHING

Form extends function in this iconic and energy-efficient learning centre. The bold building envelope has a highly efficient curtain wall system that optimises energy efficiency. The rigorous application of air tightness with thermal breaks delivers high thermal performance, minimising heat loss.

INHABIT Façade Consulting
 Building Physics
CLIENT Monash University
ARCHITECT Denton Corker Marshall

MELBOURNE, AUSTRALIA





HUB ZERO

A two-level family entertainment centre with a glazed façade and opaque cladding (media wall). The striking façade is composed of structural glass fins and spider system. The opaque façade is built with 15-metre high fully pre-fabricated GRP panels, which include LED lights.

INHABIT
CLIENT
ARCHITECT
PHOTOS

Façade Consulting
Besix | Orascom
U+A Architect
Ales Photography

DUBAI, UNITED ARAB EMIRATES





DARAMU HOUSE

Recycled hardwood timber salvaged from old telegraph poles has been repurposed to create façade features which significantly reduces the carbon footprint of the building. In addition, roof-top planting will capture rain and solar photo-voltaic cells to contribute to the supply power to the precinct.

INHABIT	Façade Consulting
CLIENT	Lendlease
ARCHITECT	Tzannes

SYDNEY, AUSTRALIA



SOHO SICHUAN NORTH ROAD

The 135m tall Hongkou SOHO tower is characterised by large 3D-shaped aluminium woven mesh ribbons which run down the building as an outer envelope. Design and installation of the ribbons was very challenging, as they are more than 1m wide and have a varying depth of 600–700mm.

INHABIT	Façade Consulting
CLIENT	SOHO China
ARCHITECT	Kengo Kuma
PHOTOS	Zilu Wang

SHANGHAI, PEOPLE'S REPUBLIC OF CHINA





181 CONNAUGHT ROAD

A boutique hotel with a façade lighting concept focused on 3 primary features: to generate a sense of allure, give a subtle, dynamic movement and have an integrated aesthetic. Shimmering sunlight reflected of the ocean's surface provided inspiration for a lighting effect that gives a sense of warmth and allure from many vantage points around and on the harbour. The Lighting and Façade teams developed a highly integrated design using custom luminaire with a specially tinted lens to give a clean and uninterrupted appearance during daytime.

INHABIT

Lighting Design

Façade Engineering

CLIENT

Liu Chong Hing Investment Ltd.

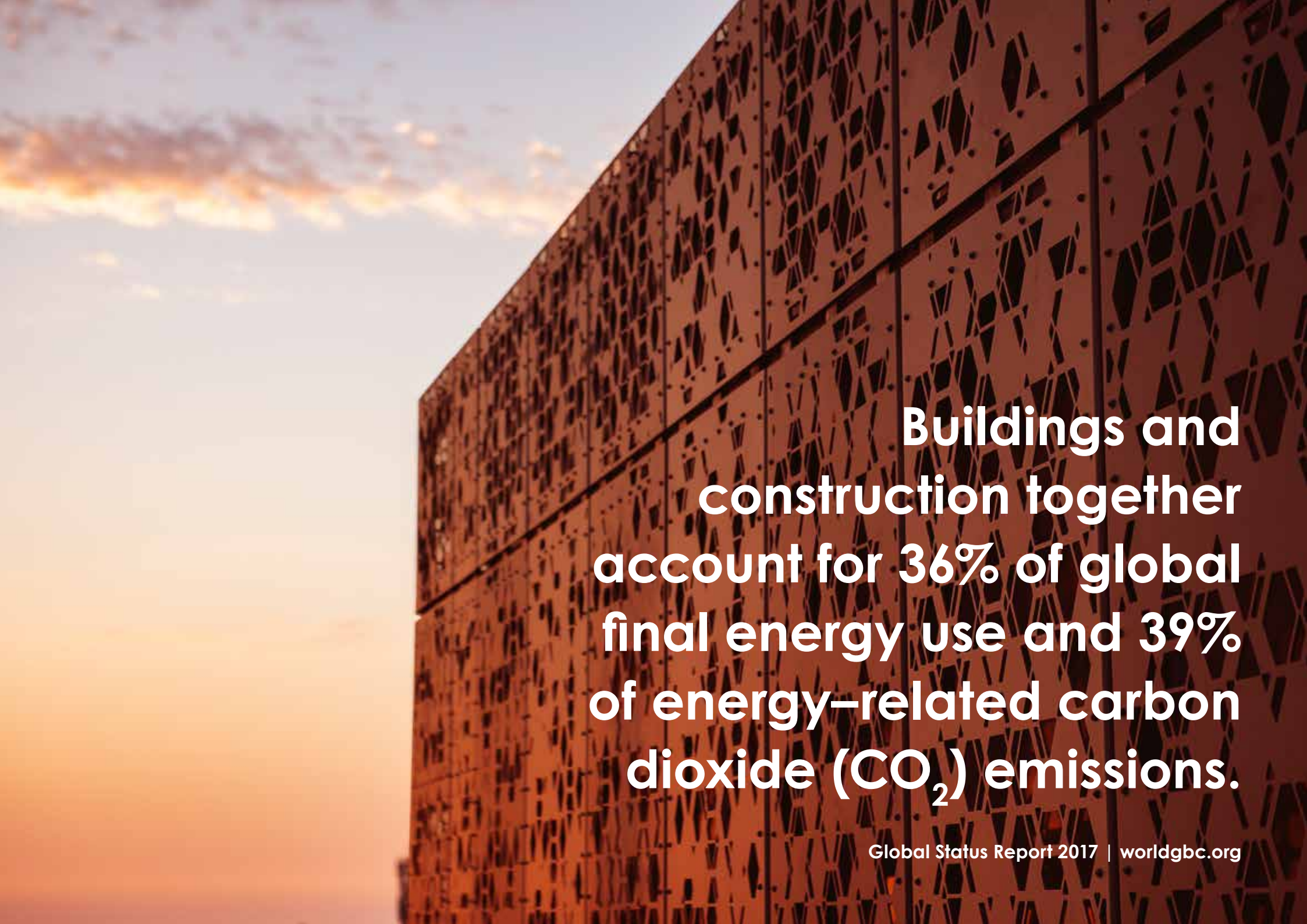
ARCHITECT

K.A.Kho & Associates

PHOTOS

Brian Zhang

HONG KONG, PEOPLE'S REPUBLIC OF CHINA



Buildings and construction together account for 36% of global final energy use and 39% of energy-related carbon dioxide (CO₂) emissions.



INHABIT HONG KONG

The lighting design for Inhabit's Hong Kong Office features an arrangement of practical and informal lighting to generate a workplace with character, whilst being welcoming and user focused. A combination of direct and indirect lighting, controlled by automated daylighting sensors, provides the workstations with appropriate task lighting with giving a greater sense of height and space throughout. A selection of unique wall and suspended luminaires were used to give circulation areas, meeting rooms and the breakout area a more relaxed atmosphere that can be adapted to suit a variety of user requirements.

INHABIT Lighting Design
PHOTOS Brian Zhang

HONG KONG, PEOPLE'S REPUBLIC OF CHINA





BINHAI SCIENCE MUSEUM

From a distance this museum resembles a medieval fortress, but the design emphasizes the latest urban architecture. The façade is made up of perforated, copper-coloured rainscreen panels covering the building with PVDF coating to imitate rust. On the flat portions of the building approximately 3,600 aluminum panels, 3mm thick, have been used.

INHABIT	Façade Consulting
CLIENT	Tianjin Architectural Design Institute
ARCHITECT	Bernard Tschumi Architects
	Tianjin City Planning And Design Institute
PHOTOS	Kris Provoost Photography

TIANJIN, PEOPLE'S REPUBLIC OF CHINA

