





# Design-led solutions. Global collective of specialists.

## PHILOSOPHY

We believe in creating a better built environment for future generations. Our focus is delivering solutions to improve the quality and sustainability of today's buildings. This vision is shared with our parent company, Egis, who seek to create a sustainable future.

## OUR TEAM

Inhabit is a specialist consulting practice with a multi-skilled team of professionals who understand local markets while drawing on global experience.

## COMMITMENT

Inhabit is committed to addressing social and environmental issues in the work we do every day. Conducting business with integrity and fostering a safe, healthy and diverse workplace is crucial to producing the high quality of work we are proud of.

350+

team members  
globally

22

international  
locations

150+

cities we have  
worked in globally

10+

years of design  
and engineering

3k+

consulting  
projects

1k+

ongoing  
partnerships



# Services

## SKIN

Façade Consulting | Façade Engineering

## SENSE

Net Zero | Building Physics | Sustainability

## SIGHT + SOUND

Venue Planning | Acoustics | Audio Visual

## LIGHT

Architectural Lighting | Daylighting  
Stage + Theatre Lighting | Bespoke Luminaires

## CARE

Access + Maintenance | Building Maintenance Units

## PROCURE

Procurement Consulting | Quality Assurance + Quality Control

## TRANSFORM

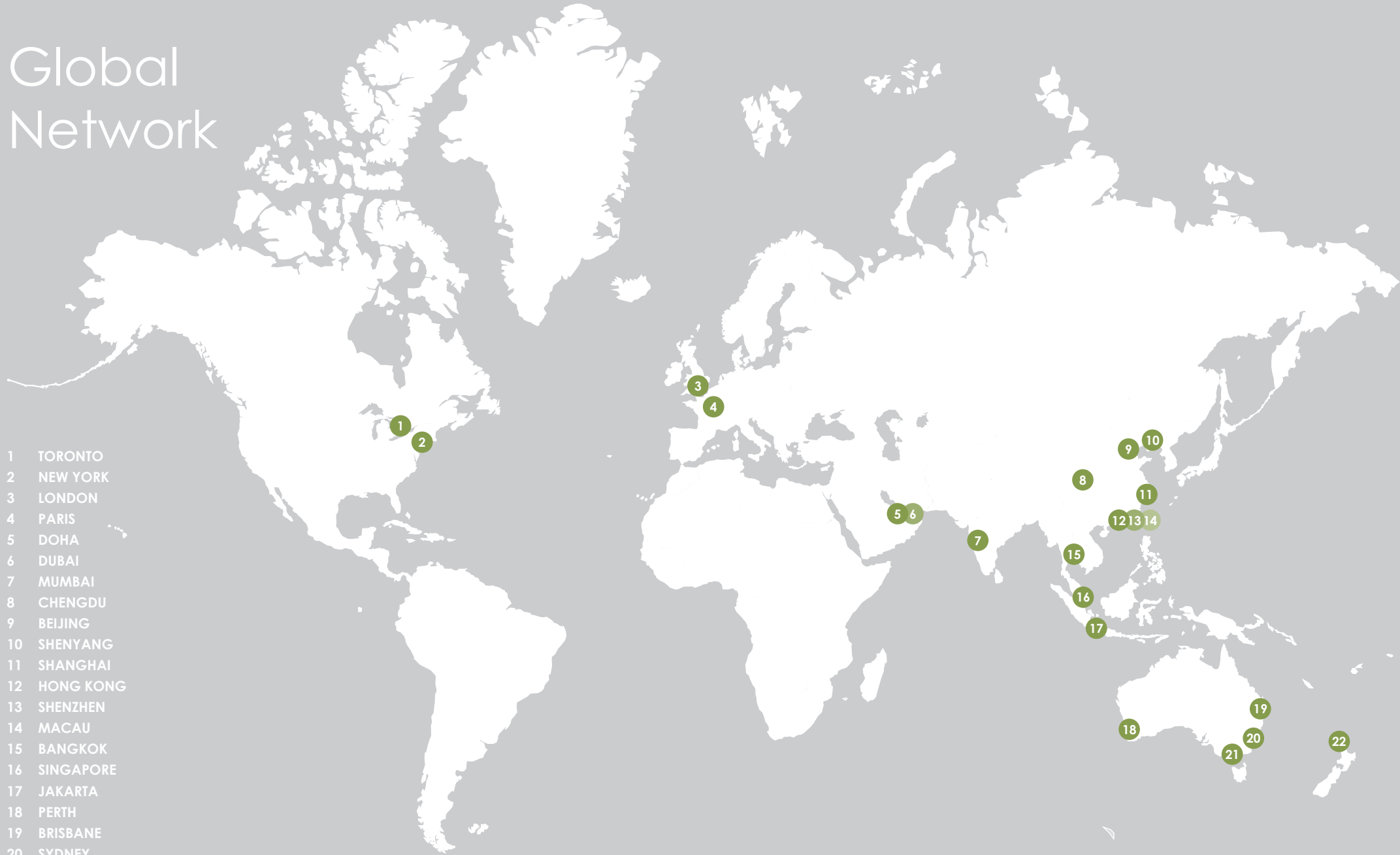
3D Modelling | Computational Design | BIM | Shop Drawings

## HEAL

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

# 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





# Our People

Inhabit's people are passionate about creating a better built environment. They are not afraid to explore and think outside the box. Their experience and expertise is Inhabit's greatest strength.



**Gemma Craig**  
**Regional Manager**  
| NZ

Gemma leads the New Zealand team in delivering a range of projects including many of the highest profile developments. Educated and chartered in New Zealand, she brings her experience in the UK and Australia, where she also holds charterships. Gemma is an industry leader positioned to influence excellence in the built environment.



**Christian Veloria**  
**Associate**

For the past 15 years Christian has had project management and operations management roles in New Zealand and overseas, giving him an in-depth knowledge of the niche New Zealand industry. His keen eye on details and strategic planning for design and construction has provided a sound launch board in the development of the façade envelope.



**Claire Radford**  
**Senior Façade Consultant**

With a background in architecture, design, building surveying and façade consultancy, Claire has a broad knowledge across façade systems, from initial design and assessment through to construction and on-site monitoring. Her knowledge of New Zealand façade compliance pathways adds value to clients whether the project is new construction or a remediation.



# New Zealand Local Capabilities

## FAÇADE CONSULTANCY

- Development of architectural concept
- Specification development
- Compliance reviews (PS1/PS2 reports) for building consent
- Advice and specification for the glass selection process
- Façade testing advice
- Overseas and local façade procurement advice
- Full scopes of service – from concept to CCC

## FAÇADE DESIGN

- Structural engineering computations to local design codes
- Full shop drawing packages
- Wind assessments to AS/NZS1170.2
- WUFI and Thermal Analysis – condensation assessments
- Construction stage reviews

## BUILDING TYPOLOGIES

- High rise – all façade types
- Medium Rise – Infill Systems (Timber or Steel Framing + RAB), Over-claddings
- Modular
- Re-clads / remedial of existing buildings

## WIDER SCOPES OF SERVICE WITH OUR CONNECTED TEAM IN AUSTRALIA AND OVERSEAS

- Thermal Comfort, Glare Studies, PassiveHaus Design, Carbon Zero, Building Lifecycle Assessment
- Acoustics, audio visual and space planning



# Case Study

## TE PAE – CHRISTCHURCH CONVENTION AND EXHIBITION CENTRE

INHABIT            Façade Consulting | Façade Engineering  
                         Logistics | Design Documentation

CLIENT            CPB Contractors

ARCHITECT        Woods Bagot

PHOTOS           LightForge

CHRISTCHURCH, NEW ZEALAND

The centre's design draws inspiration from the braided rivers of the Canterbury Plains, the neo-gothic architecture of Christchurch city and patterns and colours that are part of the Ngāi Tahu iwi tradition. The distinctive façade is made up of 43,000 herringbone, fibre cement tiles which are individually placed on 1604 panels supported by a complex curved steel structure.



“The intricate shape and form propelled us to think outside the box to achieve practical engineering designs. The result provides aesthetic elegance and above the mark performance.”

**Christian Veloria, Associate | Auckland**

Inhabit provided detailed design documentation of the vertical façade, engineer calculations, local certification, site inspections and oversaw seismic testing of the façade in China.





# Case Study

## VOCO HOTEL AUCKLAND AND HOLIDAY INN EXPRESS

INHABIT Façade Consulting  
CLIENT Pro-Invest Group  
ARCHITECTS SJB Architects  
PHOTO LightForge

AUCKLAND, NEW ZEALAND

This project will house a 294-room Holiday Inn Express and Voco Hotel Auckland, a 200-room hotel with a focus on sustainability. A 40-storey stepped tower, housing hotel guests, takes the development to approximately 135m tall.

Energy efficiency compliance requirements for the building envelope on this project are driven by targets set for achievement of a Level 4 rating under the rating tool and by the minimum requirements of Clause H Part H1 of the New Zealand Building Code. The Green Engage tool sets more stringent thermal performance requirements and governs the design.



“Voco and HIE Hotel utilised all our local offices skills from façade engineering and building physics analysis to construction monitoring. I enjoyed being one of the many parts of this successful project.”

**Gemma Craig, Regional Manager | New Zealand**





# Case Study

## FRANCE STREET APARTMENTS

INHABIT      Façade Consulting | Façade Engineering  
CLIENT      Urban Collective  
ARCHITECT    Paul Brown & Associates  
DEVELOPER    Urban Collective

AUCKLAND, NEW ZEALAND

Situated on a corner site in Newtown, this project comprises a 9-level modern apartment development, with commercial tenancies, lobby and landscaped terrace.

The building's brick base acknowledges the area's industrial heritage and the top speaks to its modern transformation. The façade types are precast, precast with brick veneer, light-weight steel stud with RAB and brick veneer, light-weight steel stud with RAB with aluminium over cladding, Litecrete precast, punch and strip windows.



“The large number of façade types on this project led to numerous interfacing details. This was well tackled by the architect with a collaborative approach on the peer review.”

**Claire Radford, Senior Façade Consultant | Auckland**

Inhabit provided a façade peer review of the architectural drawings and certification, then construction stage services and certification.





# Case Study

## HORIZON APARTMENTS

INHABIT      Façade Consulting  
CLIENT      Location Group  
ARCHITECT    Buchan

AUCKLAND, NEW ZEALAND

This four-storey building groups luxury apartments into three pods, each with a separate lift core to maximise privacy. A distinctive timber façade feature has been used in conjunction with GRC, precast and fiber cement and floor-to-ceiling double-glazing opens flush with balconies and courtyards.

Inhabit provided façade review for NZBC compliance to B1, B2 and E2 and compiled a Façade Review Report for Auckland Council.



“There are many complexities for interfacing between the building’s “pods”. We overcame these with effort and the good relationship between Buchan and Location Group.”

**Gemma Craig, Regional Manager | New Zealand**

The team worked in coordination with the architect to resolve design and construction issues. They also coordinated the communication of façade subcontractor requirements and witnessed testing. Site Monitoring was conducted to CM Level 1 and for the PS4 completion.





