



SMARTER
HVAC
SOLUTIONS
Built in certainty

Innovative and Sustainable HVAC Design, Installation, and Maintenance

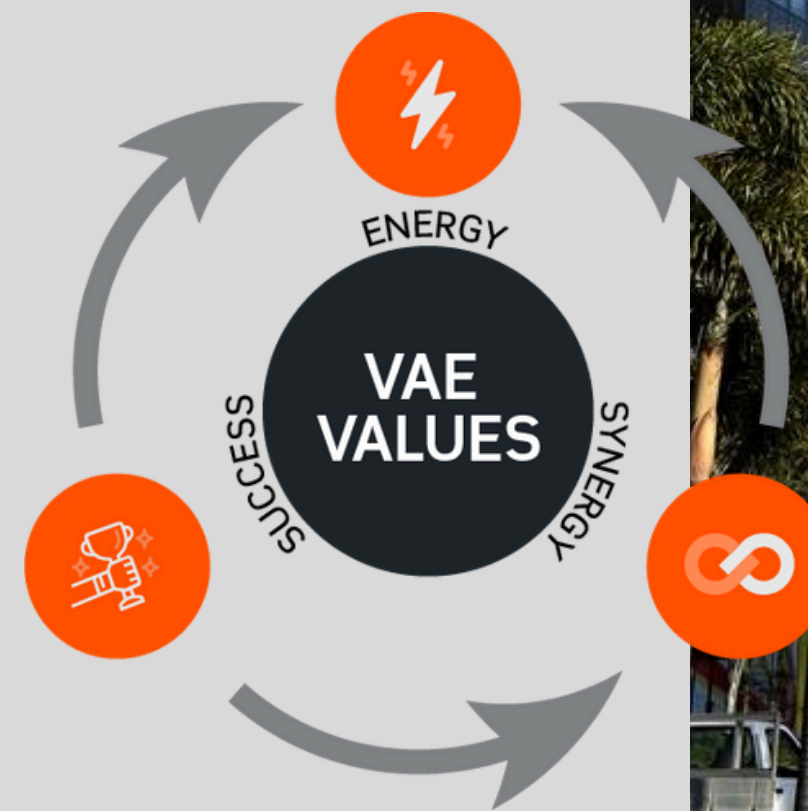
Capability Statement 2025

Engineer | Construct | Manage



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Who we are



VAE Group is a leading provider of Heating, Ventilation, Air Conditioning (HVAC), and Building Technology solutions, with a history dating back to 1997. Today, we employ over 400 professionals across 11 office locations in Australia, New Zealand, and Papua New Guinea.

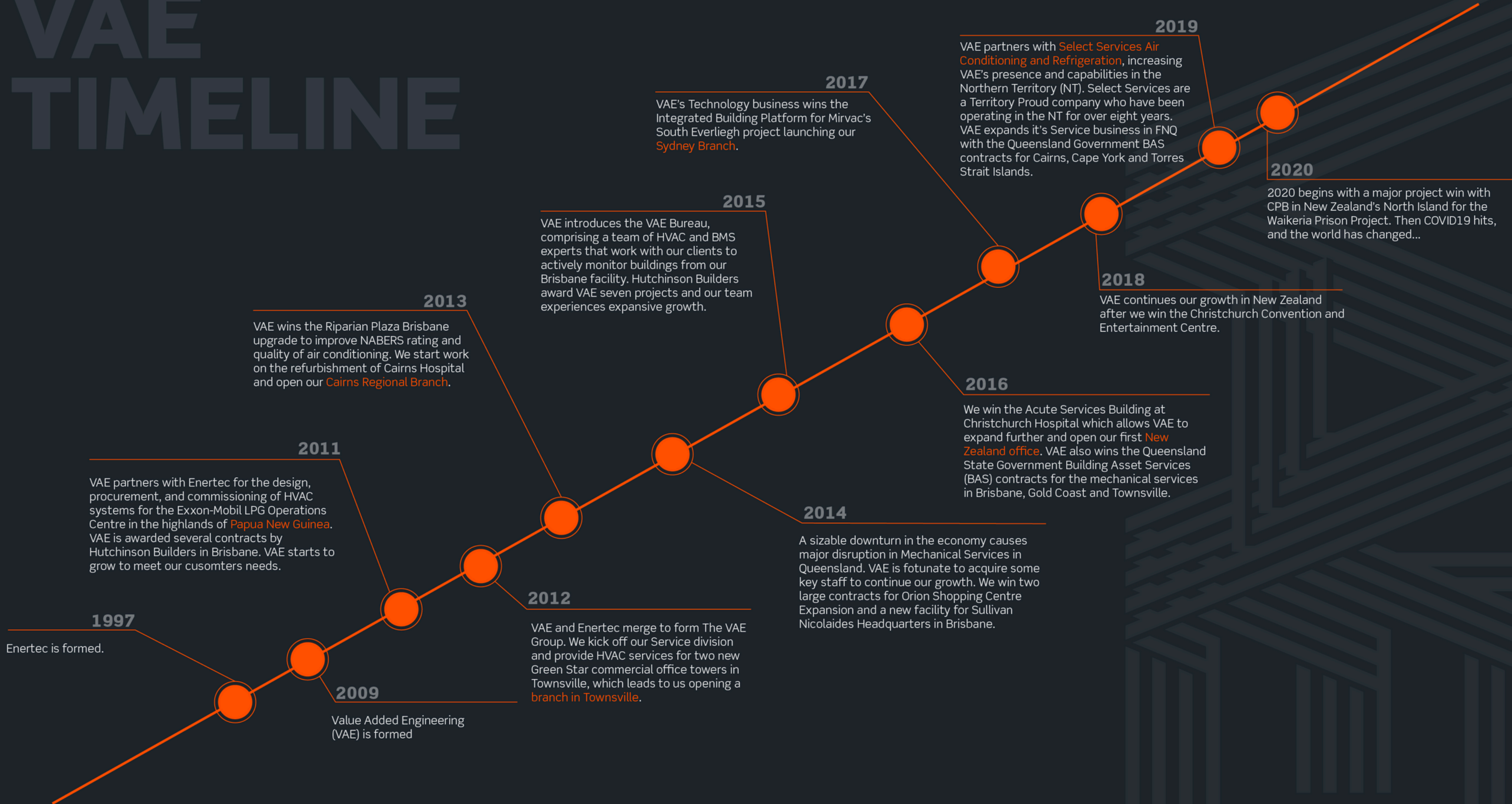
As a Tier 1 building solutions company, we are committed to upholding the highest standards of trust and integrity. We collaborate closely with our clients to develop customized solutions that meet their specific project requirements. Our expert staff are driven by a genuine passion for delivering outstanding results. This energy fosters innovative thinking, promotes efficient performance, and cultivates positive relationships. Our team is comprised of in-house project managers, mechanical design engineers, and automation engineers. We have in-house drafting, and commissioning capability, as well as full mechanical and automation maintenance servicing capability.

At VAE Group, we stand behind our promise to provide "Built in Certainty" for all clients and stakeholders. With a strong track record of delivering high-quality and innovative projects, we strive to deliver solutions that offer lasting value. VAE is committed to providing the highest level of service and delivering solutions that exceed our clients' expectations, that provide whole of lifecycle benefits to create a sustainable future.

Our Key Solutions

- New Construction
- Existing Buildings
- Technology
- Service/Maintenance

VAE TIMELINE



1997

Enertec is formed.

2009

Value Added Engineering (VAE) is formed

2011

VAE partners with Enertec for the design, procurement, and commissioning of HVAC systems for the Exxon-Mobil LPG Operations Centre in the highlands of Papua New Guinea. VAE is awarded several contracts by Hutchinson Builders in Brisbane. VAE starts to grow to meet our customers needs.

2013

VAE wins the Riparian Plaza Brisbane upgrade to improve NABERS rating and quality of air conditioning. We start work on the refurbishment of Cairns Hospital and open our Cairns Regional Branch.

2012

VAE and Enertec merge to form The VAE Group. We kick off our Service division and provide HVAC services for two new Green Star commercial office towers in Townsville, which leads to us opening a branch in Townsville.

2015

VAE introduces the VAE Bureau, comprising a team of HVAC and BMS experts that work with our clients to actively monitor buildings from our Brisbane facility. Hutchinson Builders award VAE seven projects and our team experiences expansive growth.

2017

VAE's Technology business wins the Integrated Building Platform for Mirvac's South Everleigh project launching our Sydney Branch.

2014

A sizable downturn in the economy causes major disruption in Mechanical Services in Queensland. VAE is fortunate to acquire some key staff to continue our growth. We win two large contracts for Orion Shopping Centre Expansion and a new facility for Sullivan Nicolaides Headquarters in Brisbane.

2016

We win the Acute Services Building at Christchurch Hospital which allows VAE to expand further and open our first New Zealand office. VAE also wins the Queensland State Government Building Asset Services (BAS) contracts for the mechanical services in Brisbane, Gold Coast and Townsville.

2018

VAE continues our growth in New Zealand after we win the Christchurch Convention and Entertainment Centre.

2019

VAE partners with Select Services Air Conditioning and Refrigeration, increasing VAE's presence and capabilities in the Northern Territory (NT). Select Services are a Territory Proud company who have been operating in the NT for over eight years. VAE expands its Service business in FNQ with the Queensland Government BAS contracts for Cairns, Cape York and Torres Strait Islands.

2020

2020 begins with a major project win with CPB in New Zealand's North Island for the Waikeria Prison Project. Then COVID19 hits, and the world has changed...

What we do

VAE are able to provide customers with innovative and sustainable in-house Design, Engineering, Installation, and Maintenance of Mechanical Services to ensure that every project is delivered in a cost effective, energy efficient and professional manner with an emphasis on safety and sustainability.



ENGINEER

- In-house **design** capability with design sign off by Registered Engineers
- In-house drafting utilising experienced **Revit and 3D drafting** resources
- Value Management to **reduce** Capital Expenditure (CAPEX), **Improve** Buildability, and **reduce** Operational Expenditure (OPEX)



CONSTRUCT

- **Prefabrication:** to reduce site installation costs, for example, Vertical Risers and **Integrated Services** (Horizontal Services)
- Installation combining **in-house resources** and preferred subcontractors
- **In-house commissioning**
- In-house **technology team** providing Building Management Services (**BMS**) and Integrated Building Platforms (**IBP**) based on vendor independent technology
- Full time on-site **Safety Representative**



MANAGE

- Dedicated **Warranty Manager** and warranty team for the project
- **In-house** Mechanical Maintenance team
- Management of **specialist** subcontractors where required for example, Chillers, Boilers and Water Treatment
- **Automation** Service Business
- Data Driven Maintenance Division | **VAE Bureau**



Our People

With over 400 staff based across 11 branches, our company has the capacity to support national and regional clients and a range of site sizes and facilities.

Our people are our strength and we firmly believe in developing our own in-house talent, empowering our employees to fulfill their potential. Our team are mentored, trained and respected, and we provide everyone with career and personal development opportunities. VAE also incorporate a dedicated apprenticeship development program to train the next generation of skilled tradespersons.

Design & Install

VAE Group specializes in designing custom HVAC and BMS solutions, along with tailored energy metering systems.

Custom-Designed Solutions

Our expert designers evaluate factors such as building size, layout, usage, local climate conditions, and environmental regulations to create solutions perfectly suited to your needs.

Energy Management Technology

We leverage advanced technology to optimize energy performance, whether it's achieving sustainable Green Star ratings for design and construction or enhancing efficiency through NABERS Energy Ratings.

Smart Design

Our intelligently crafted solutions combine efficiency, cost-effectiveness, and innovation to ensure ultimate thermal comfort for your building while meeting your energy and sustainability goals.

Mechanical equipment installation

Our capabilities extend across a wide range of mechanical equipment installations, ensuring your business operations are optimised for maximum productivity.

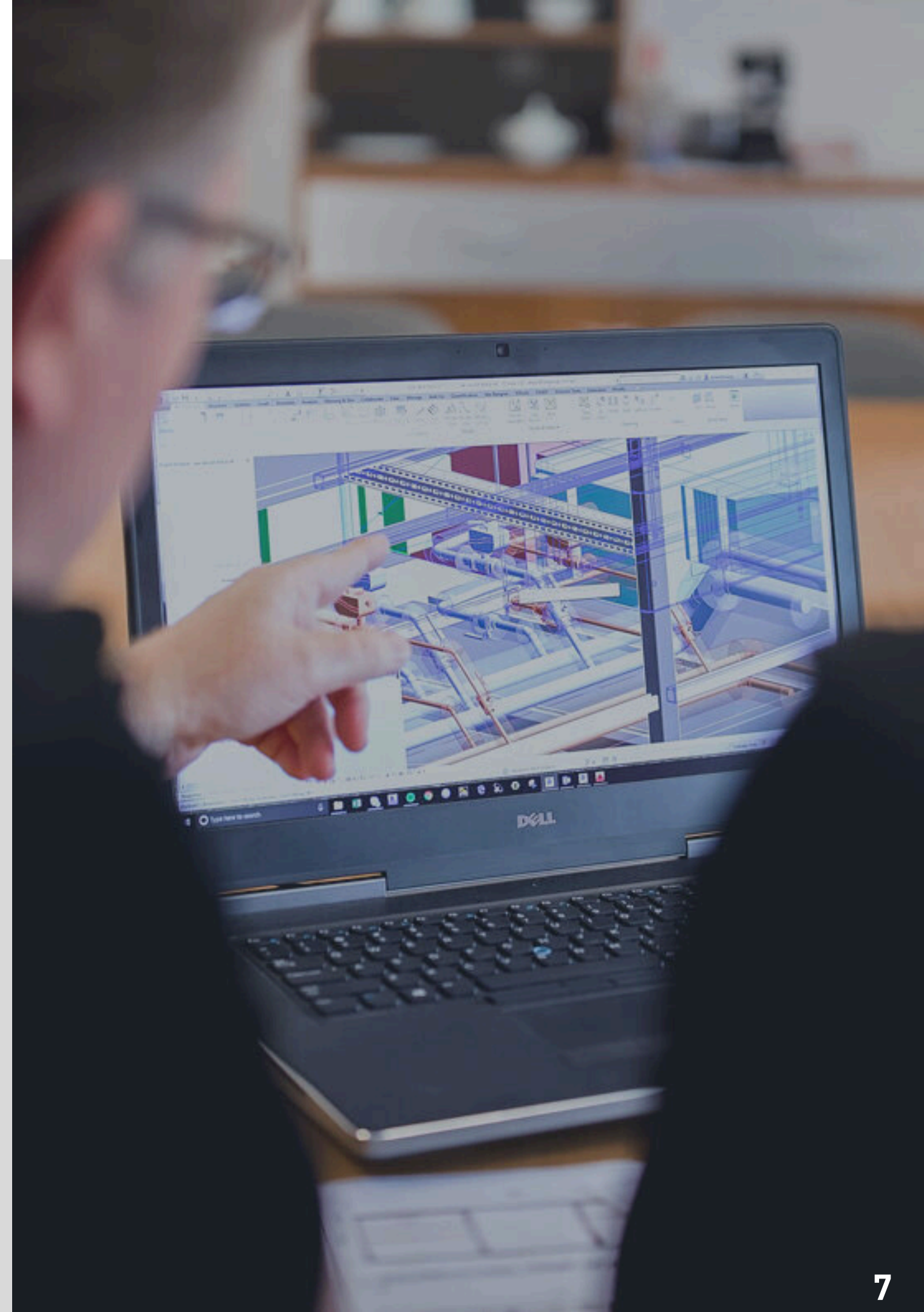
Environmentally conscious

VAE Group has worked with some of Australia's most environmentally conscious companies. We pride ourselves on our knowledge and installation expertise.

Occupational health and safety

VAE Group is recognised as a leader in safety within our industry. We place the highest priority on the safety and well-being of our employees and subcontractors and take every measure to minimize their exposure to unnecessary risk. Our comprehensive approach to safety, which is a cornerstone of our company culture, is known as ...

Safe at Work | Safe at Home | Mental Health



Project Management & Construction

VAE Group specialises in construction and project management, providing custom HVAC and Technology solutions expertly designed and installed to suit each client's unique requirements.

Project Management and Construction

At VAE Group, our construction and project management team works efficiently and effectively on projects of all sizes, delivering high-quality HVAC and Technology solutions tailored to client needs.

Seamless Project Delivery

Upon completing the final stages of commissioning, projects are handed over to our dedicated service and maintenance team. This includes 24/7 emergency support and a comprehensive preventative maintenance schedule to ensure ongoing performance.

Extensive Industry Experience

With expertise in managing complex mechanical and air conditioning services, VAE Group has a proven track record of successfully delivering new builds, replacement and upgrades across various industries.

Warranty Management

Together with our service department, VAE have a dedicated warranty manager and team. This means that as a customer you can enjoy piece of mind during the warranty period that our systems continue to operation efficiently and as designed.



Service & Technology



Service and Maintenance

Our highly skilled technicians are available 24 hours per day, 7 days per week, and our clients are supported with a 24 hour Help Desk.

Having our own in-house Service Team, allows us to mitigate risk, provide service continuity and gain a unique understanding of your assets and building, creating cost savings and efficiencies during the asset life cycle.

All clients are supported by an appointed Client Services Manager and a Lead Team who will be responsible for your account for the duration of the contract, gaining knowledge and experience of the unique needs of the site.

Smart Building Technology Solutions

Our technology teams work as an integral part of our project and service business to ensure that our solutions operate in a safe, reliable and efficient building environment. Our solutions range from Building Management Systems (BMS) to full portfolio based Integrated Building Platforms that provide a single “pane of glass” to of a portfolio of facilities.

VAE Group are a **Tridium, Niagara and Distech** approved systems specialist and we also have extensive experience in upgrading and integrating legacy systems using truly open protocol platforms which allows multiple BMS providers to easily service your facility and provide a more competitive and comprehensive service level.



Maintenance Expertise



WHOLE OF LIFE APPROACH

VAE adopts a holistic approach to Programmed Preventative Maintenance (PPM), routine maintenance, and predictive maintenance, ensuring the longevity and optimal performance of your systems.



EMERGENCY RESPONSE AND AD HOC REPAIRS

Our team provides round-the-clock emergency response services, addressing urgent issues promptly, as well as handling ad hoc repairs as required.



SPECIALISED TESTING AND BALANCING

VAE offers services such as thermographic scanning, pipe thickness testing, air balancing, and commissioning to ensure the efficient operation of your HVAC systems.



SPARE PARTS INVENTORY

We maintain a critical inventory of HVAC spare parts and portable units, enabling quick replacements and minimising system downtime.



ENERGY EFFICIENCY AND SUSTAINABILITY UPGRADES

VAE can implement energy efficiency measures and sustainability upgrades to optimise your site's performance while reducing environmental impact.

We can also offer consulting services to help you gain insights into energy usage and sustainability for your site.



MULTI-SKILLED TECHNICIANS AND SPECIALISTS

Our team comprises of Technicians with diverse skill sets, including expertise in HVAC, electrical, and technology building performance.

We also have in-house specialists for Building Management Systems (BMS), chillers, and refrigeration, ensuring comprehensive support for these critical components.



ASSET MANAGEMENT

VAE offers asset capture, monitoring, barcoding, auditing, and maintenance of asset registers, enabling effective management and maintenance of your facility's assets.



COST BENEFIT ASSESSMENTS

We conduct cost-benefit lifecycle assessments, providing insights into fine-tuning options and replacement strategies for optimal cost-effectiveness.



ONLINE DATABASE AND WEB PORTAL

VAE provides an online, real-time database and web portal, offering convenient access to information, reports, and updates regarding your facility management.

Additionally, our reporting capabilities are flexible allowing us to tailor reports to your requirements and reporting style.

VAE provides a diverse suite of services and capabilities designed to address various contract management requirements. By utilising these resources, VAE delivers tailored and comprehensive HVAC solutions that align with each client's unique needs.

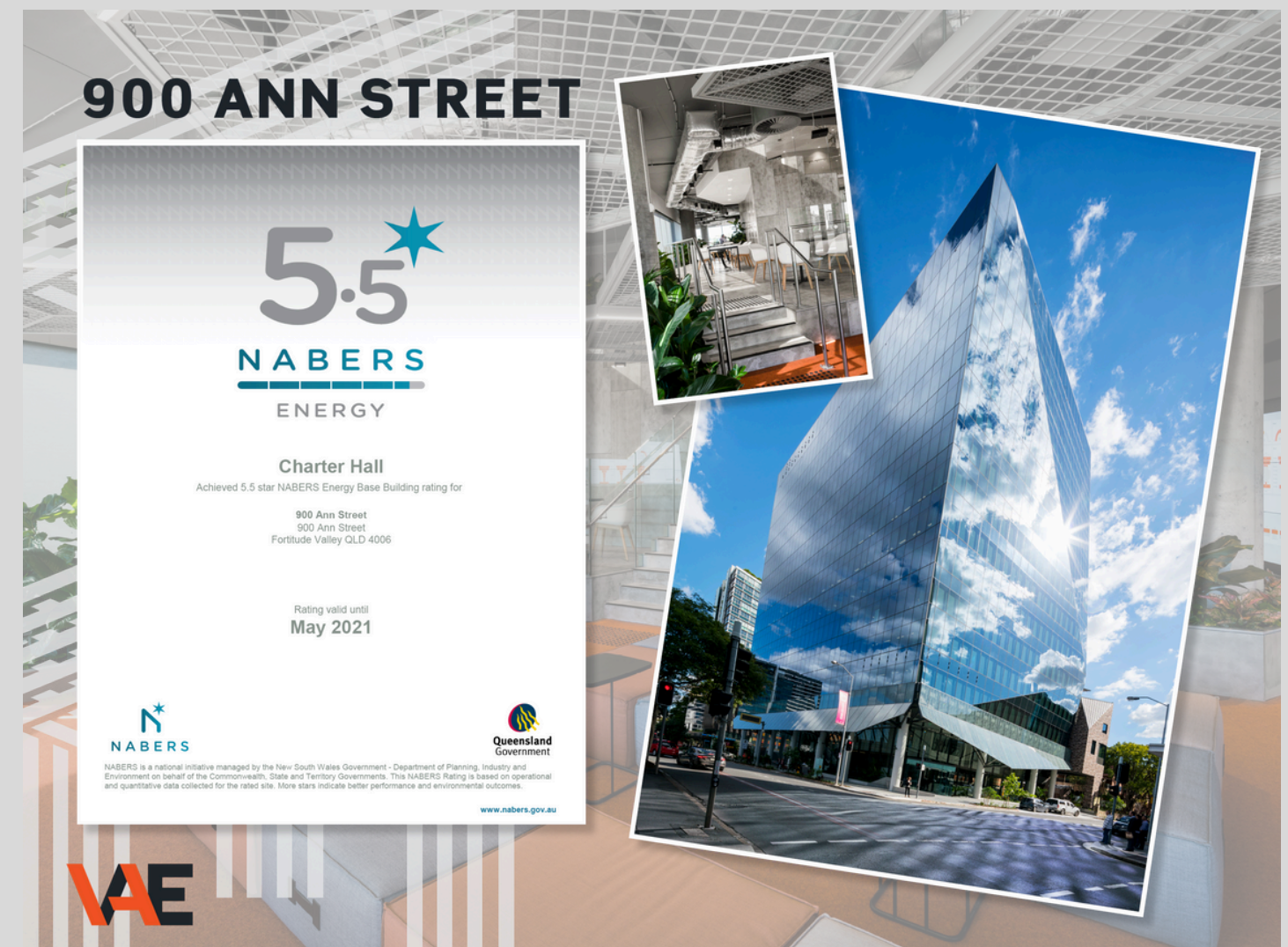
VAE Bureau

Building System Performance

VAE Bureau is a unique product specifically created for our customers, and it is our aim to empower end users by providing them with tools and capabilities to predict energy consumption and compare performance across their portfolio. In providing this service, our clients can make informed decisions to save energy and optimise capital replacements.

VAE Bureau uses advanced data analytics to gain insights into energy consumption patterns, identify areas of inefficiency, and make data-driven decisions to reduce energy usage and associated costs. Using our comprehensive reporting and analysis, users can monitor and track their energy performance, benchmark against industry standards, and identify opportunities for improvement.

Additionally, our in-house sustainability team actively engages with clients to understand specific objectives and working collaboratively to develop strategies which align with their goals. With the information generated by our tools, the sustainability team can provide valuable recommendations, implement energy-saving initiatives, and track continuous improvement over time.



Our Locations



VAE Head Office
27 Bellwood St
Darra Queensland

Our Leadership Team

 [Connect with VAE Group on LinkedIn](#)



Ben Carter
Chief Executive Officer
Brisbane Office



Phil Lowe
Chief Financial Officer
Brisbane Office



Mark Chiles
Chief Sales & Marketing Officer
Brisbane Office



Greg Wong
Chief Commercial & Risk
Officer
Brisbane Office



Asher Green
Head of Human Resources
Brisbane Office



Dane McCarthy
Head of Digital Transformation
Brisbane Office



Ben McCullough
NZ General Manager
Christchurch Office



Jarryd McDonald
Chief Construction Officer
Brisbane Office



Tom Doss
Australian General Manager
Brisbane Office

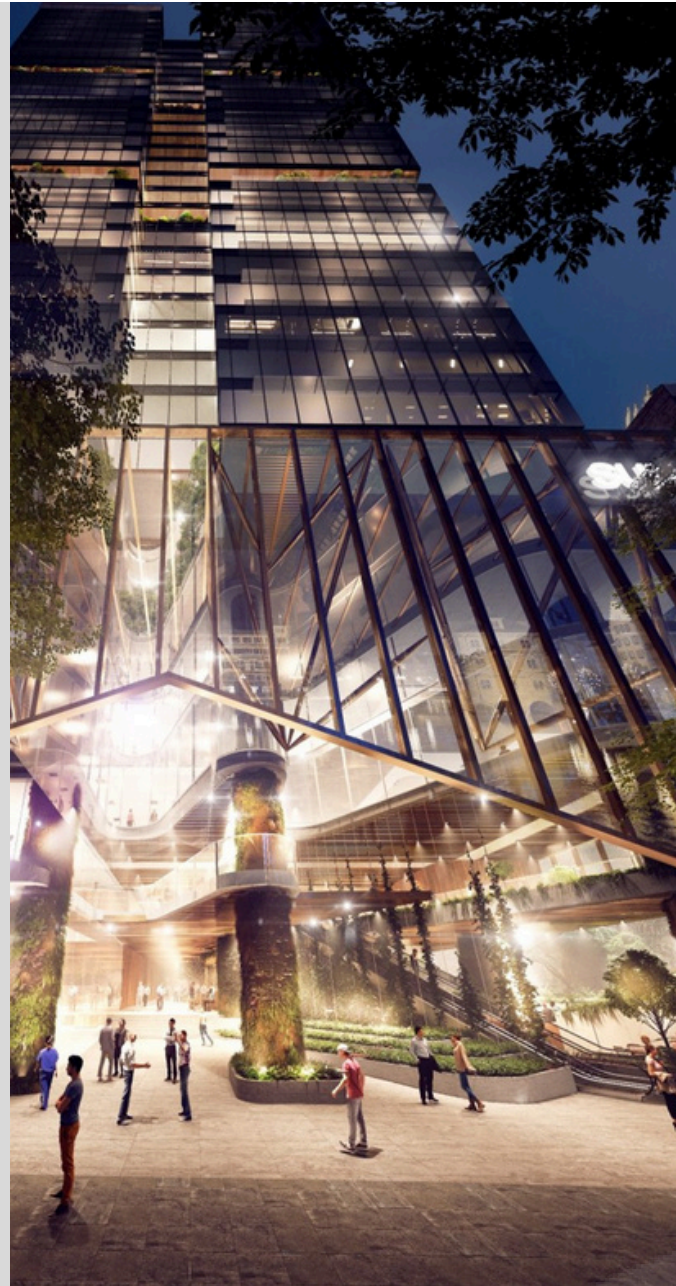
Our Industry Projects

VAE Group works across a range of sectors including:

Commercial Buildings | Retail | Industrial | Education |
Accommodation & Entertainment | Health Care & Allied
Services | Controlled Environments & Data Centres |
Defence & Government | Infrastructure

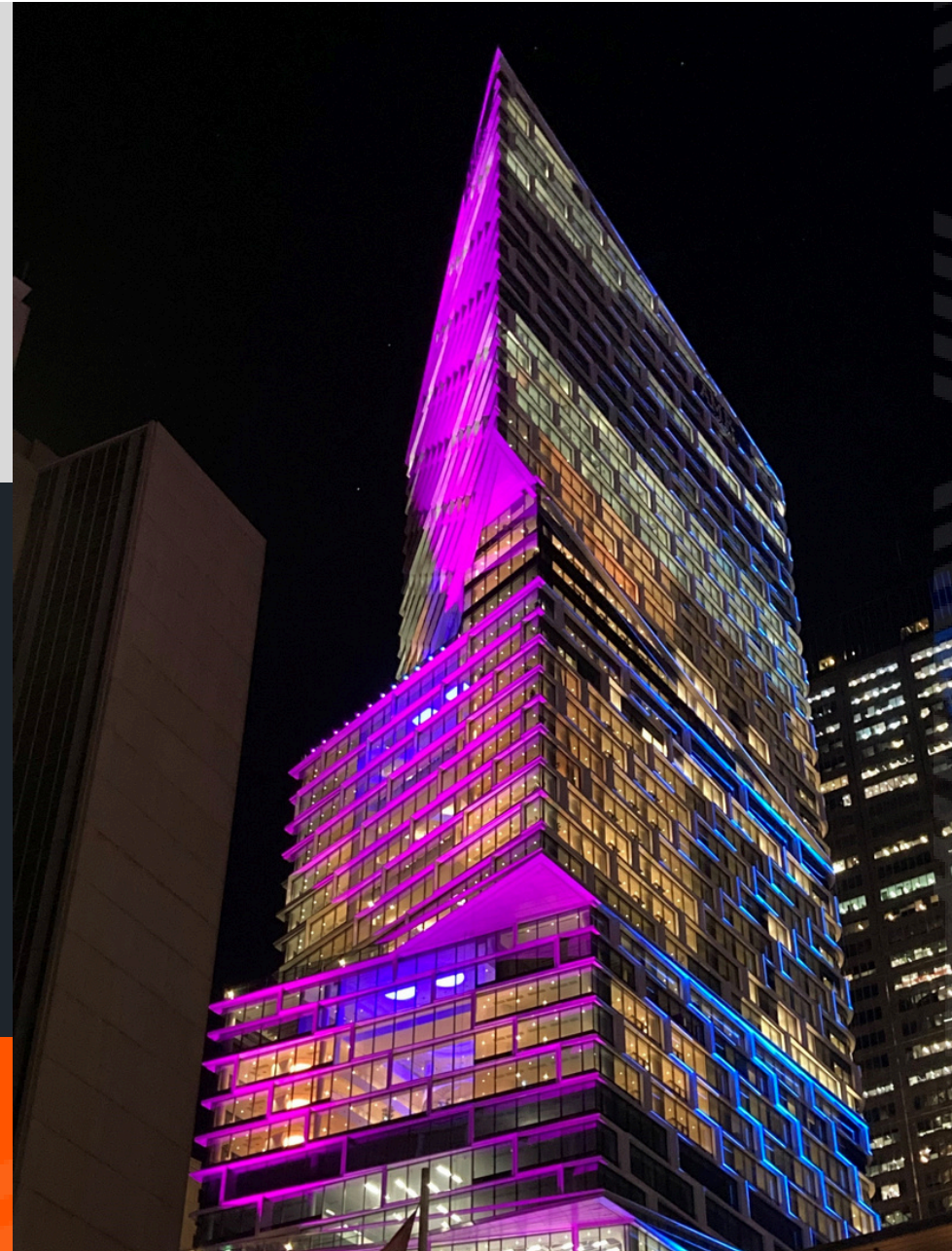


A few of our Construction Projects



**80 Ann St
Brisbane**

ONE OF AUSTRALIA'S MOST
INTELLIGENT BUILDINGS



QQT

QUAY QUARTER TOWER



South Everleigh
Australian Technology Park

**900 Ann St
Brisbane**



A few of our Service Projects



**Riparian
Brisbane**



**JLL
50 Ann St**



Cairns Airport
2024 Professional Services Awards

Qld Rail



Who we work with..

The image displays a grid of logos for various partner organizations, organized into four rows. The logos include:

- Row 1:** HUTCHINSON BUILDERS (Established 1912), BESIX Watpac, lendlease, CPB CONTRACTORS, JOHN HOLLAND, Cook Brothers CONSTRUCTION.
- Row 2:** CBRE, Griffith UNIVERSITY, JLL, QueenslandRail, Queensland CORRECTIVE SERVICES, NORTHERN TERRITORY GOVERNMENT, Queensland Government, Australian Government.
- Row 3:** UnitingCare Queensland, Sullivan Nicolaides PATHOLOGY, Cairns airport, Ramsay Health Care, goodstart early learning, QUT, THE UNIVERSITY OF QUEENSLAND AUSTRALIA, Cairns and Hinterland Hospital and Health Service, BRISBANE ENTERTAINMENT CENTRE.
- Row 4:** STADIUMS QUEENSLAND, CHARLES DARWIN UNIVERSITY AUSTRALIA, Darwin International Airport, HANSENYUNCKEN, JAMES COOK UNIVERSITY, Gold Coast PRIVATE HOSPITAL by Healthscope, Mackay Hospital and Health Service (Queensland Government), mantra, SOUTH EVELEIGH.

Health, Environment, Safety, Quality



Three Cornered Safety Approach

VAE takes every measure to ensure employees and sub-contractors are never exposed to unnecessary risk, which is why we have a three-cornered approach to safety.



Safe at Work

Our employees are well-trained, well-equipped and competent. We ensure our team are able to identify and treat risk before it happens



Safe at Home

It's critical that our employees get to and from home safely. VAE emphasises vehicle maintenance, proper licences, and that our staff are fit and capable no matter where they are. We encourage that safety skills learned on the job are also used at home.



Mental Health

Workers in our industry are six times more likely to die from suicide than from a construction related injury. We recognise that safety starts with being mentally fit for work and we offer professional support to all our employees.

HSEQ continued & Licencing

Mechanical Services | Airconditioning and Refrigeration - Unlimited Design | Mechanical Plumbing | Mechanical Electrical | QBCC Open Builders

Quality Management System

VAE Group maintain a Quality Management System (QMS) audited and accredited to ISO9001; by SAI Global. The QMS aims to provide certainty to our customers, clients and other stakeholders of ongoing high quality services meeting and exceeding all expectations. The QMS also ensures VAE Group maintain appropriate provisions, to ensure compliance with statutory and regulatory requirements specific to our operations.

Environmental Management

VAE Group recognise our corporate social responsibility pursuant to environmental protection throughout our business processes and activities. Our Environmental Management System has been developed against the requirements of ISO14001 and embraces all products, materials and services we supply to our customers, working conditions for our employees and the community in which we operate. Active members of Green Star and Green Building Council of Australia

Occupational Health & Safety

Workplace safety is a concept that involves creating a safe working atmosphere, securing and safeguarding the lives of the employees, workers and stakeholders. VAE Group is committed to this philosophy and has implemented an accredited OHS Management System that complies with ISO45001. This system is audited by SAI Global and is integrated with our Quality Management System to ensure policy consistency.

EBA Code Compliant

VAE Group has a current EBA registered with the Fair Work Commission and the Queensland Branch of the CEPU

Queensland Building and Construction Commission (QBCC)

VAE Group holds the following QBCC licences.

Value Added Engineering Group Pty Ltd | Licence Number: 1207202

Value Added Asset Management Pty Ltd | Licence Number: 1250492

Value Added Construction Pty Ltd | Licence Number: 1239623

Value Added Engineering (NQ) Pty Ltd | Licence Number: 1251239

Value Added Mining Oil and Gas Pty Ltd | Licence Number: 1275174

Electrical Contractors Licence

VAE Group is a registered electrical contractor in Queensland, New South Wales, Northern Territory and Papua New Guinea.

Value Added Engineering Group Pty Ltd | Licence Number: 74661

Value Added Asset Management Pty Ltd | Licence Number: 77451

Value Added Asset Management Pty Ltd | Licence Number: 322807C (NSW)

Value Added Engineering NQ Pty Ltd | Licence Number: 75897

Value Added Construction Pty Ltd | Licence Number: 83482 (QLD)

Value Added Construction Pty Ltd | Licence Number: 273612C (NSW)

ARCTick Licenced

VAE Group is licenced to handle refrigeration gas by the Australian Refrigeration Council Ltd (ARC).

Value Added Engineering Group Pty Ltd | Licence Number: AU40686

Value Added Asset Management Pty Ltd | Licence Number: AU28922

Value Added Construction Pty Ltd | Licence Number: AU35548

Value Added Engineering NQ Pty Ltd | Licence Number: AU31455



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Contact us today

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