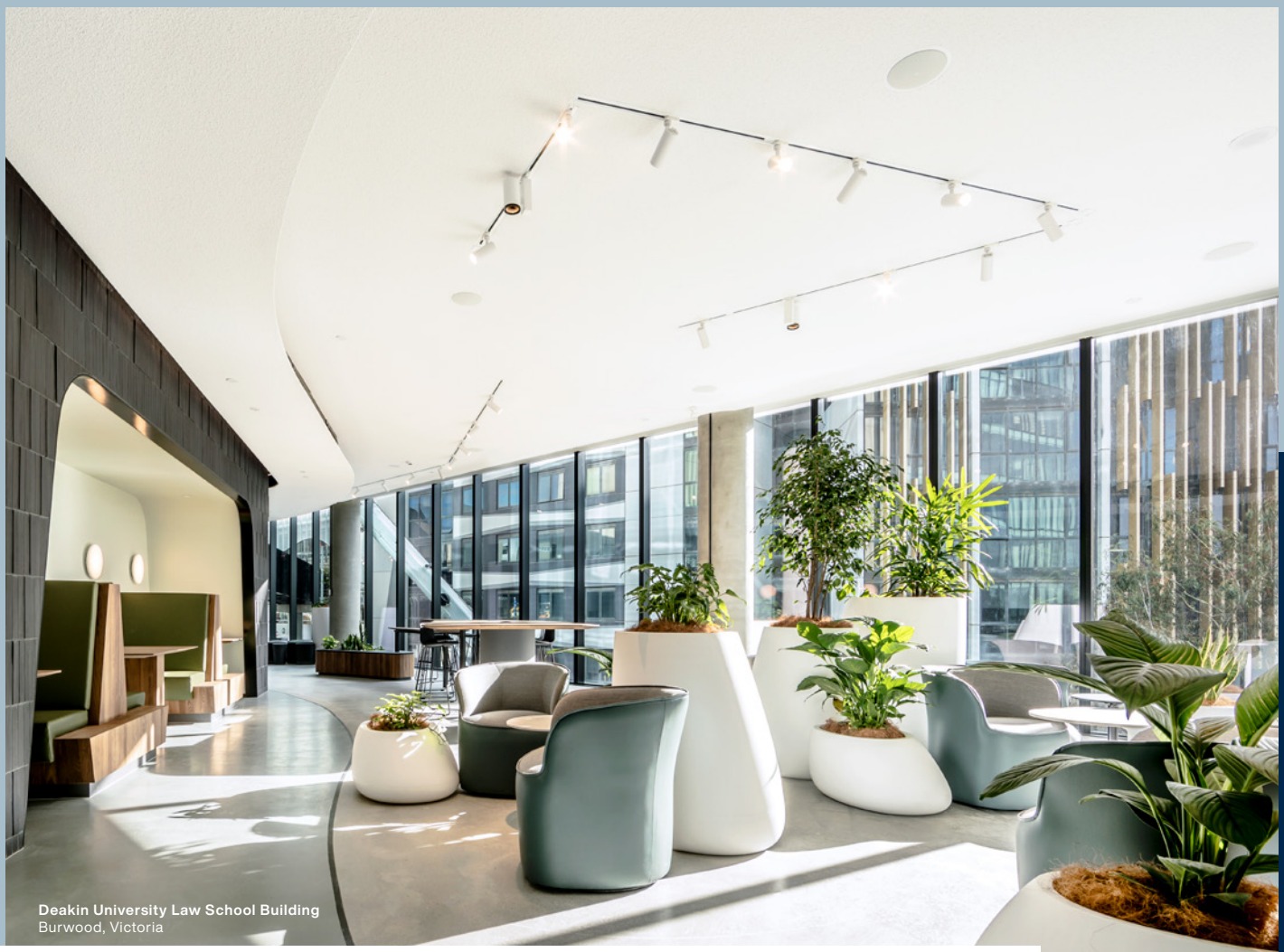


Deakin University Law School Building
Burwood, Victoria

BESIX Watpac

Building brighter futures in **Education**

CAPABILITY STATEMENT

40 YEARS OF
BUILDING STRONG FOUNDATIONS

110+ YEARS GLOBAL EXPERIENCE

Building on strong foundations

DELIVERING EXCELLENCE IN COMPLEX MULTI-DISCIPLINARY PROJECTS

$7.2B+
Work in hand

11,000+
Employees

25+
Countries

5
Continents

Global experience delivered locally

BESIX Watpac is a leading multi-disciplinary construction company with four decades of experience in Australia backed by a century of global expertise and financial strength through the award-winning international contractor, BESIX Group. Celebrating 40 years of operations, the company has delivered over $25 billion worth of projects since establishing as Watkins Pacific in the early 1980's.

Now as part of BESIX Group, we are focused on delivering major projects across all sectors in Australia and New Zealand. Combining Watpac's four decades of local knowledge, delivery excellence, and trusted partnerships, with BESIX Group's international experience and strong balance sheet, we bring the best of the world's capability together.

Whether it's the tallest building in the world, the iconic Burj Khalifa or the Grand Egyptian Museum - from stadiums to hospitals, schools, bridges, resource and industrial projects, port infrastructure, water treatment plants, secure facilities, airports, defence assets and more ***– ours is a reputation built on quality.***

Advanced Engineering Building
Brisbane, Queensland

In-house engineering expertise

Our in-house team of 150+ engineers operates from three global hubs in Brisbane, Dubai and Brussels. We set new standards in construction through expert structural, geotechnical, sustainability, digital and façade engineering as well as rapidly evolving concrete technology. Our specialists are embedded in project teams to interrogate the design; de-risking projects, maximising value and delivering certainty.

Partner of choice

Leveraging our rich Australian history, we collaborate with our clients and partners to deliver excellence on every project. As genuine relationship contractors, we are invested in our client's success. We have received local, state and national industry recognition for our approach to achieving the best outcome for our clients. A private company with a flat structure, our lean, agile approach guarantees innovative and cost effective solutions.

Local content specialists

We bring 40 years of in-depth local knowledge and understand that the legacy a project creates extends well beyond the end of construction. From urban centres to regional Australia, we actively support local jobs and Indigenous participation while building better communities. This is fundamental to our core beliefs and exemplifies our personalised approach to project delivery.

Education expertise >>

Next generation learning

The Australian education landscape is transforming

Trends such as student-led learning and interactive technologies, along with an increasing focus on student wellbeing and teacher retention, are shaping the dynamics of schooling in the 21st century.

At BESIX Watpac, we understand that schools, universities and community educational facilities are evolving to meet the new ways in which students are engaging with the learning environment.

With four decades of local experience, we bring deep knowledge of our country's education sector, delivering everything from large, multi-site school building programs, to highly specialised and complex tertiary facilities, to major refurbishments in live operating environments; all with an impeccable safety record.

We believe that the foundations for success begin in the classroom and we prioritise the safe and cost-effective delivery of state-of-the-art facilities that best support educational outcomes.

Wurun Senior Campus
Fitzroy, Victoria

We take the time to understand our client's brief and precisely how the facilities will be used; future-proofing the development to support both the current and upcoming generation of lifelong learners.

Increasingly, this means breaking away from the traditional classroom model, by delivering facilities that accommodate both collaboration and personalised learning, the trademarks of contemporary teaching environments.

Working closely with our stakeholders, we bring to life spaces that best support learning, not only providing facilities that meet the functional and operational requirements of the curriculum but assisting in cultivating the desire to learn within the context of the built environment. This includes the use of playful and innovative architecture, flexible interiors and break out areas, tailored furniture and playgrounds, as well as services that support integration of the latest technology.

Our adaptable and collaborative approach ensures we achieve excellence, particularly when undertaking refurbishments and extensions in live schooling environments where the highest attention to safety and consistent, reliable communication is paramount.

Best-in-class capability in education

Smart design layout

We understand that the layout of a school, university or other educational facility is crucial to a students experience as well as optimising operations. Leveraging our in-depth knowledge of optimal design, we plan for and create distinct precincts that can be delivered in phases, ensuring supervision and security imperatives are met while maximising safety for any future works that are undertaken.

Underdale High School ›
Adelaide, South Australia

Arthur Phillip High School and Parramatta Public School, Sydney, New South Wales

Live environment expertise

Our team specialises in the delivery of projects within live operating sites and understands that safety and continuity of operation is paramount. We undertake meticulous planning and employ best-practice methodologies to ensure the safety and wellbeing of students, staff and all on-site personnel during construction. Collaborating regularly with staff and other key stakeholders, we mitigate any risks and plan for no unscheduled disruptions.

Adaptability and flexibility

We tailor our methodologies specifically to each project, drawing on our proven expertise delivering world-class educational infrastructure. This includes staged construction programs that allow early access to facilities on greenfield sites. We also time major works around sensitive periods such as exams and school pick up / drop off, in consultation with key stakeholders.

On-time delivery

Strict deadlines governed by the academic calendar leave little margin for delay. Our methodologies, collaborative approach and value-add solutions allow us to innovatively mitigate potential risks. As a result, we can commit to reaching practical completion on, or even ahead of schedule allowing staff and other personnel time to settle in before the teaching period commences.

Collaboration

We aim to build projects that have a lasting community legacy. This places jobs, diversity, training and skills development front of mind at every step and guides the way we engage with our stakeholders. From government and local subcontractors to staff, students, neighbours and the wider community - we maintain consistent, relevant and detailed communication, aiming to exceed expectations wherever possible.

BURWOOD, VICTORIA

Flexible and staged approach

600,000 Litre
Rainwater tank

475K
Total hours worked on project

7,450 m^3
Concrete poured

Deakin University Law School Building

The highest standard of collaboration brought this best-in-class education facility to life. We worked closely with technical specialists to ensure each project-specific requirement such as audio visual, decorative finishes and flexible spaces were achieved to the highest standard.

Regular formal and informal communication with teaching and operational staff minimised disruption to campus operations. This was complemented by our staged construction methodology and rigorous planning.

CLIENT
Deakin University

VALUE
$117M

EXPERTISE
Design + Construct

TIMELINE
2018 - 2020

Not only has the building transformed the learning environment for the university's law students, it is also Deakin's first leading-edge sustainable building.

Multiple Award-Winner

- 2021 **Excellence in Construction of Commercial Buildings over $80 million**
  Master Builders Victoria
- 2021 **National Education Facility Finalist**
  Master Builders Australia

- Our flexibility allowed us to rapidly accommodate significant client-driven design changes
- Selected an alternative manufactured timber product to retain the desired quality outcome, and overcome long lead times associated with the original product
- Rapidly adapted to air quality issues caused by the 2019/2020 bush fires, such as fast-tracking the building's cladding and climate control systems so internal works could continue safely
- Nine levels of formal and informal learning areas as well as a five-level 'Premium Learning Space' that features a curvilinear design, large expanses of glass, and standing seam zinc cladding
- A range of sustainable design features including a complex photovoltaic cell array and a recommissioned 600,000 litre rainwater tank

MELBOURNE, VICTORIA

Large-scale innovations

20,000 m²
Education and research facility

600,000 Litre
Rainwater tank

25 m
Deep grout curtain

Australian Catholic University Saint Teresa of Kolkata Building

The state-of-the-art building incorporates 13 storeys of learning and research spaces. The safety of students, staff and visitors is our highest priority and will be efficiently managed through our live environment expertise in education precincts.

Our detailed basement methodology was developed to overcome the challenge of constructing below the water table. Innovations such as installing wells to pump water into a settlement tank and building a 25-metre deep grout curtain have been implemented to prevent water ingress into the seven-level basement.

CLIENT
Australian Catholic University

VALUE
$206M

EXPERTISE
Design + Construct

TIMELINE
2018 - 2023

- The grout curtain is the largest and most complex ever to be installed in Victoria
- Engineered solution to safely and efficiently build three new levels above the fully operational heritage-listed Mary Glowrey Building
- The overbuild's structure comprises a framework of mega columns and trusses that support the three new floors and protects the integrity of the heritage building below
- Rigorous programming to complete major structural elements for the overbuild in summer when the building was unoccupied to eliminate any impact on the building's operations during semester
- Mock-ups of glazed elements show the relationship between glazing, framing and joints allowing the highest quality to be achieved prior to the construction of these components

This complex project has not only delivered a new 13 level facility for ACU, it has also transformed the adjacent existing structure to truly enhance the campus and its teaching spaces.

CAIRNS, QUEENSLAND

Home of innovation

James Cook University Ideas Lab

The three-storey Ideas Lab brings together the university's staff and students in 'Internet of Things' engineering and data science, alongside local innovators. The design maximises collaborative space as well as provides facilities where prototypes can be built and tested.

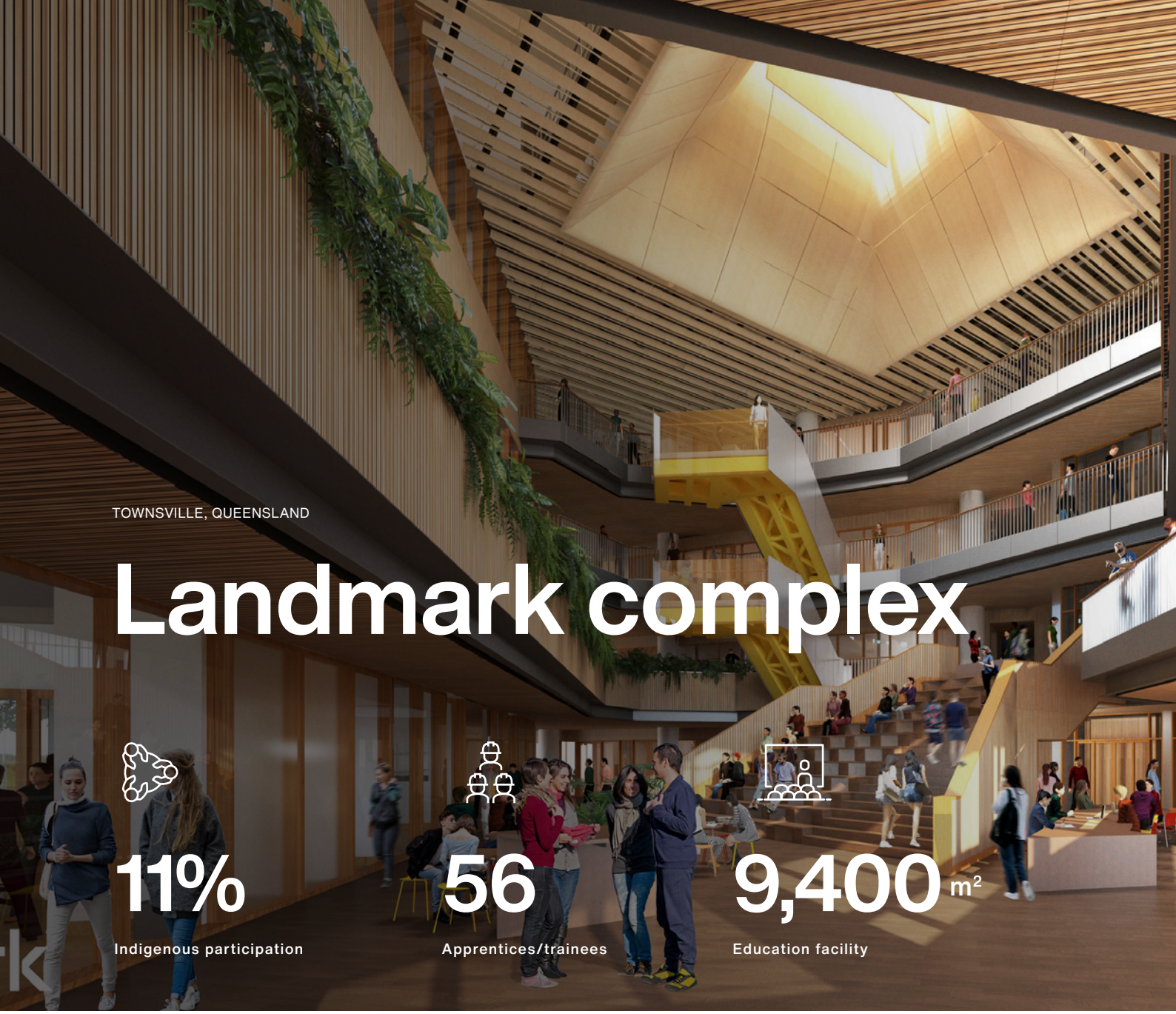
- Delivered on time and within budget together with our predominantly local subcontractors
- Designed to LEED standards with sustainability features including responsible material selection, a green vine wall, stormwater filtering, and a 60 kW photovoltaic system
- 11 per cent Indigenous participation, doubling our target
- Spaces for innovation built around a three-storey atrium
- PTFE mesh fabric facade used for audio visual projection

CLIENT
James Cook University

VALUE
$24M

EXPERTISE
Design + Construct

TIMELINE
2019 - 2020



TOWNSVILLE, QUEENSLAND

Landmark complex

11%
Indigenous participation

56
Apprentices/trainees

9,400 m²
Education facility

James Cook University Engineering and Innovation Place

The state-of-the-art JCU Engineering and Innovation Place (EIP) is the centrepiece of an innovation hub where undergraduate and postgraduate engineering and IT students, industry partners and researchers will converge and collaborate.

We have been delivering on our commitment to creating employment opportunities for First Nations people with more than 11 per cent of total workforce hours completed by Indigenous people. We've also engaged closely with the university to create learning opportunities for students.

CLIENT
James Cook University

VALUE
$94M

EXPERTISE
Construct Only

TIMELINE
2021 - 2023

The Indigenous engagement BESIX Watpac has achieved enhances existing strategies JCU has in place, including our Reconciliation Action Plan, to increase opportunities for Indigenous people across education, employment, and supply chains.

Tricia Brand
Deputy Vice Chancellor, James Cook University

- Providing world-class teaching and research facilities for students in North Queensland
- Purpose-designed four-storey, 9,400m² facility adjacent to the new Student Accommodation
- Expected to create about 300 construction jobs and more than 500 other jobs
- At least 80% of subcontractors and suppliers sourced locally
- An Ideas Market will form part of the development, connecting the EIP and Student Accommodation to the Central Plaza

PARIS, FRANCE

Next generation university

Deloitte EMEA Training

A partnership between BESIX and Dalkia Smart Building delivered this award-winning architecturally designed and sustainably focused learning and housing facility in just 20 short months.

- 22,000m² of land developed within 135,000m² of natural landscape
- Designed to meet BREEAM Excellent, Energie+ Carbone-, Biodiversity Excellent, Well Building Institute Gold and Cradle to Cradle certifications
- Powered by 1,100m² of solar panels to meet more than 40 per cent of the facility's energy demand
- Main building features a large multifunctional room, 43 classrooms, 12 meeting rooms, a restaurant and 265 bedrooms
- Named Best Alternative Project at prestigious MIPIM awards, in recognition of quality, innovation and sustainable features

CLIENT
Nexity

EXPERTISE
Construct Only

TIMELINE
2020 - 2022

PORT MACQUARIE, NEW SOUTH WALES

Multiple award-winning campus

Charles Sturt University

The multi award-winning campus is a best-practice case study for considerate use of brick and is a hub for specialist researchers on New South Wales' Mid North Coast.

Early engagement with the Charles Sturt University (CSU) delivered a ground-breaking campus that has set a new benchmark for campus university capturing all the amenities and services of Port Macquarie. Facilities include 24-hour access to Learning Commons, PC2 laboratories, medical imaging, and food, soil and water research centres.

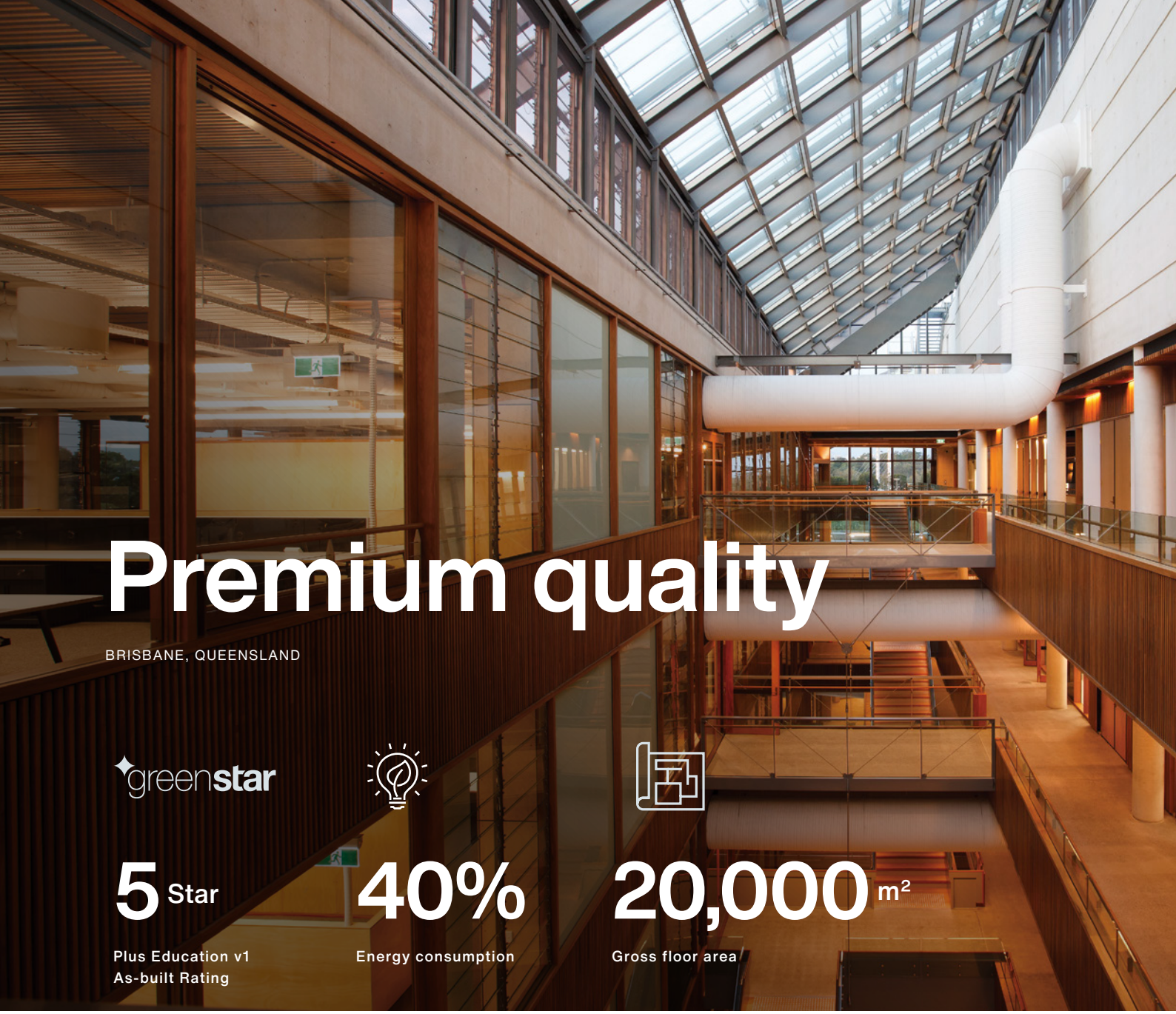
- Indoor and outdoor teaching spaces with a mix of natural materials and colours to compliment the Mid North Coast surroundings
- Australian Bushfire Protection Planners engaged to protect the campus and its inhabitants as well as support biodiversity monitoring
- Close engagement with CSU to deliver sustainability elements including efficient lighting and water solutions
- Powered by 1,150 solar panels

CLIENT
Charles Sturt University

VALUE
$40M

EXPERTISE
Managing Contractor

TIMELINE
2014 - 2016



Premium quality

BRISBANE, QUEENSLAND

greenstar

5 Star
Plus Education v1
As-built Rating

40%
Energy consumption

20,000 m²
Gross floor area

Advanced Engineering Building

A showcase in excellence, the Advanced Engineering Building weaves quality finishes with exquisitely displayed structural and services elements creating an opportunity for students to learn from the building they study in.

The auditorium roof was one of the most challenging elements of the project. Constructed entirely from timber with large 30-metre span trusses, we approached this element as its own project.

Our revised construction methodology for the roof optimised safety, quality and time outcomes. This involved constructing it on the ground then painstakingly lifting the 225-tonne structure into place, a process that was months in planning.

CLIENT
University of Queensland

VALUE
$117M

EXPERTISE
Construct Only

TIMELINE
2011 - 2013

Some of the wonderful features of the new building is the all-wooden auditorium. This building was constructed by BESIX Watpac and was the first building of its type to be constructed.

Professor David St John
Vice Chancellor and President of The University of Queensland

Multiple Award-Winner

- 2014 **Research Development and Technology High Commendation**
  Australian Institute of Building (National)
- 2014 **Professional Excellence Award Commercial Construction $100 million+**
  Australian Institute of Building (National)
- 2014 **Education Facilities $20 million - $120 million**
  Master Builders Queensland (Brisbane)
- 2014 **Innovation in Workplace Health and Safety**
  Master Builders Queensland (Brisbane)

- Structural components typically covered by finishes were transformed into educational and aesthetic features
- Exceptional quality assurance processes ensured exposed components such as services and lift shafts met the highest standard
- Sustainability features include a thermal labyrinth for cool water storage, solar shading, double glazing, operable louvres and windows, and live building monitoring
- Innovative concrete mixes were utilised to achieve the highest quality finishes
- Rigorous environmental controls, such as engaging specialists and installing contaminant measures, protected the adjacent lake and bunya pines


WATPAC
www.watpac.com.au

MELBOURNE, VICTORIA

Smart and sustainable

RMIT Design Hub

Created as a design research and collaboration institute, the RMIT Design Hub is a showcase in sustainability. The building is wrapped with a ‘smart skin’ of 16,000 automated sand-blasted discs that reduce the need for cooling in summer and heating in winter.

- 5 Star Green Star rating
- Features an underfloor air distribution system, rain and wastewater harvesting, internal waste management system, and sustainable materials
- 12,000 square metres offering a mix of adaptable research spaces, break-out areas and exhibition spaces
- Accommodates multi-disciplinary teams across all areas of design

CLIENT
RMIT University

VALUE
$80M

EXPERTISE
Construct Only

TIMELINE
2009 - 2012

BRISBANE, QUEENSLAND

Pioneering institute

greenstar

6 Star

6-Star Green Star Education v1 Design and As-built Rating

30%

Recycled materials used

1st

Building of its kind in the world

Sir Samuel Griffith Centre

The Sir Samuel Griffith Centre is a completely zero carbon, self-sustaining teaching and research building without precedent. It is the world's first large-scale building that incorporates solar energy while utilising low pressure hydrogen to store the energy.

This building has provided a model for researchers to explore diverse and reliable energy sources and solutions that can be applied in both 'off-grid' and urban settings.

CLIENT
Griffith University

VALUE
$26M

EXPERTISE
Design + Construct

TIMELINE
2011 - 2013

This hasn't been done before, we're the first to do this on any school, and perhaps the first to do it ever, where the energy storage is being built into the design of the building.

Professor Evan Gray
Griffith University

Award-winner

- 2014 **Research Development and Technology High Commendation**
  Australian Institute of Building (National)
- 2014 **Professional Excellence Award (Research and Development)**
  Australian Institute of Building (Queensland)

- The solar panel array and energy production scheme incorporates photovoltaic panels that generate their own power supply, which we developed in collaboration with leading solar panel suppliers
- A hydrogen power and battery back-up system stores the energy generated by the photovoltaic panels
- At night, excess energy is used to chill water for air conditioners
- Other sustainable design features include natural ventilation, greywater recycling and advanced water collection
- The building accommodates key environmental and sustainability research departments, and includes multi-purpose lecture facilities for 200 students

Complex logistics management

FITZROY, VICTORIA

275,000
Total hours worked on project

190
peak workforce number

0
LTI's throughout construction

Wurun Senior Campus

The six-storey school accommodates 650 students and provides a range of learning spaces, indoor and outdoor sports courts, an amphitheatre, and rooftop terrace. Careful consideration was given to the project's complex elements to ensure time, cost and quality outcomes were achieved.

Value engineering initiatives were introduced to deliver time and cost savings. This included switching to steel frames instead of timber as well as using precast for the core. Smart and logical sequencing of structural works also maximised the use of mobile cranes.

CLIENT
Victorian School Building Authority

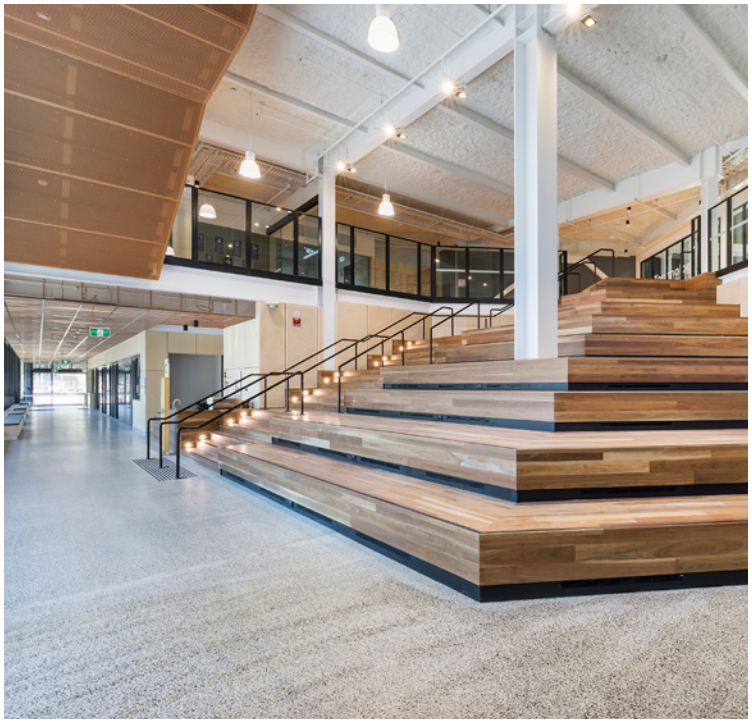
VALUE
$70M

EXPERTISE
Design + Construct

TIMELINE
2020 - 2022

The project team managed multiple design variations remotely due to COVID-19 restrictions and overcame significant delivery timeline and logistical challenges as well as contaminated ground conditions. The school was delivered in time for term start and without the occurrence of a single LTI.

Mark Baker
CEO of BESIX Watpac, the project's contractor



Award Winner

- 2022 **New Educational Campus & Special Commendation** Learning Environments Australasia (VIC)
- 2022 **Best Secondary School** Victorian School Building Design Awards
- 2022 **Education/Research Best Project** Engineering News Record Global Best Practice Awards

- Rooftop solar panels generate approximately 22,000 watts of energy at peak, coinciding with peak school usage
- Double glazing was incorporated for the ceiling-high windows to maximise light and views whilst minimizing glare and heat
- Facilities include indoor and outdoor sports courts, an amphitheatre with performing spaces and bicycle storage
- Open Space technology utilised to overcome the challenge of COVID lockdowns

Project video

Creating vibrant learning environments

SYDNEY, NEW SOUTH WALES

35,900 m²
Gross floor area

2,000
Student high school facility

1,000
Student primary school facility

Arthur Phillip High School and Parramatta Public School

Parramatta's education options have been transformed through the delivery of two new schools including Arthur Phillip High School - the State's first high-rise school, and the multi-storey Parramatta Public School.

These are among the first future-focused schools constructed in New South Wales, featuring highly flexible teaching environments that break away from the traditional classroom model. The schools provide technology-rich learning spaces that serve multiple learning contexts.

CLIENT
New South Wales Government

VALUE
$187M

EXPERTISE
Design + Construct

TIMELINE
2017 - 2020

> *This is a modern school, the likes of which we've not seen in our State. It is fit for purpose."*

Gladys Berejiklian
Former Premier of New South Wales

- Our expertise in high-rise construction was transferred to this project and adapted for the education environment
- Temporary and permanent structural stability was improved through our methodology to pour the concrete cores before installing the steel frame
- Appointment of a highly experienced façade professional to oversee the installation of the complex façade
- Services subcontractors appointed immediately after the project was awarded to ensure the efficient integration of services
- 2,000 student high school and 1,000 student primary school

BRISBANE, QUEENSLAND

State-of-the-art learning facility

Brisbane Grammar School STEAM

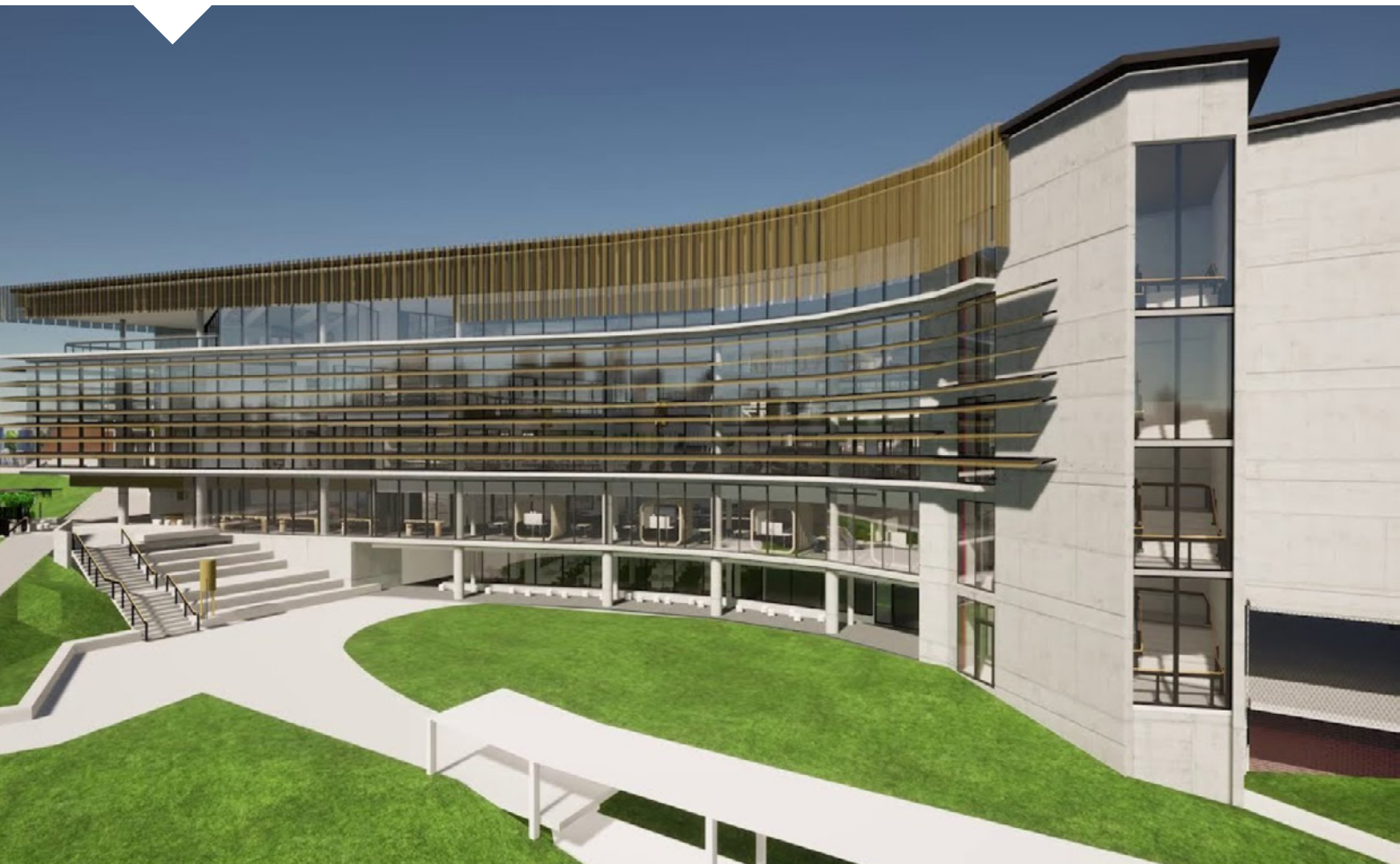
Brisbane Grammar School's STEAM (Science, Technology, Engineering, Art and Mathematics) building is a landmark new learning precinct. The six-storey building will transform the rear of the campus into a dynamic new education space.

- 15 co-laboratory spaces, 14 general learning areas, five design areas, art studios and a 300-seat open auditorium
- Features three suspended learning pods in the atrium
- Inspired by Brisbane Grammar School's commitment to innovative practice and forward thinking
- A hub for ideas, innovation and educational and social interaction
- Creates an engaging learning environment

CLIENT
Brisbane Grammar School

EXPERTISE
Construct Only

TIMELINE
2021 - 2023



ADELAIDE, SOUTH AUSTRALIA

Tailored program

Underdale High School

Our team's thorough approach to planning enabled refurbishment works to be delivered across 85% of the campus with minimal impact on the school's operations. We worked closely with the school community, local residents, and government agencies to develop a seven-stage construction program that ensured the maximum number of school facilities remained open at any one time.

- Delivered three months ahead of schedule
- 250 hours of community engagement activities
- Zero lost-time incidents recorded throughout the entire construction program
- This major renovation increased student capacity from 550 to 800 students

CLIENT
Department of Education, SA

VALUE
$20M

EXPERTISE
Construct Only

TIMELINE
2020 - 2021

Methodology excellence

VARIOUS LOCATIONS VICTORIA

14
New schools in 2 years

1,000+
Peak workforce number

92%+
Local industry participation

Victorian New Schools PPP

Through meticulous planning and our innovative approach, we delivered 14 new schools across 12 sites in a rapid two-year program, providing essential education infrastructure for Victoria's fastest growing regions.

The project's extensive scope, which included working concurrently at multiple sites, needed to be expertly managed and this informed our methodology to treat each school as an individual project while centrally coordinating the program.

CLIENT
Victorian State Government

VALUE
$317M

EXPERTISE
PPP

TIMELINE
2015 - 2017

Using the PPP model brings together the best expertise and means our teachers and principals can focus on giving every child a world-class education.

James Merlino
Education Minister
- Victoria

Award Winner

- 2018 **Best Combined School or Special School (Armstrong Creek Education Precinct)**
  Victorian School Design Awards
- 2018 **Best New Construction / Entire New Education Facility (Mernda Central College)**
  Learning Environments Australasia Awards

- 14 schools delivered in two tranches with lessons learned from the first tranche influencing a revision of sequencing to streamline the final tranche
- Extensive research into pedagogy and the psychology of learning to create optimised environments for students
- Contingencies to mitigate delays included a thorough subcontractor selection process, covered site access to counteract inclement weather, and daily program reviews
- Our agile approach to procurement enabled rapid site mobilisation
- The program delivered a variety of primary, secondary and special schools

BRISBANE, QUEENSLAND

Fast-tracked program

Ripley Valley State Schools

The condensed 12-month program to deliver two new schools was made possible by leveraging the proven methodologies of the successfully delivered Queensland Schools PPP Project. The timing of the PPP project's completion coincided with the commencement of the Ripley Valley Schools, allowing the highly experienced core team to seamlessly transition to the new project.

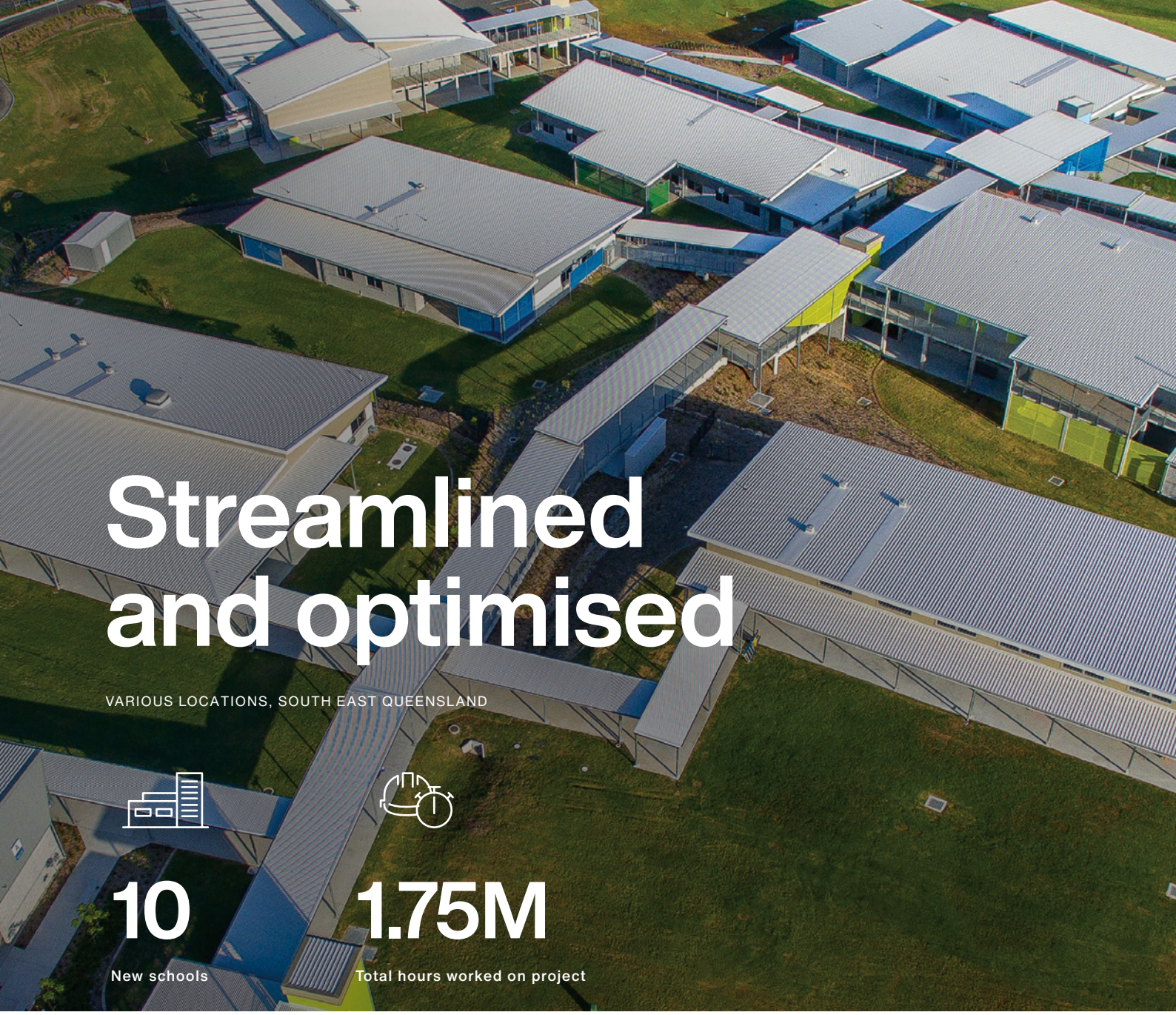
- Early procurement of trades enabled rapid site mobilisation
- Identified value-add opportunities such as proposing an alternative drainage system that reduced upfront and maintenance costs.
- A two-school approach for procurement and delivery
- Zero lost time injuries recorded in 305,550 man-hours worked
- A new primary school and secondary school for the emerging Ripley Valley community

CLIENT
Queensland Government

VALUE
$84M

EXPERTISE
Design + Construct

TIMELINE
2019 - 2021



Streamlined and optimised

VARIOUS LOCATIONS, SOUTH EAST QUEENSLAND

10
New schools

1.75M
Total hours worked on project

Queensland Schools PPP

Crucial education infrastructure was delivered in South East Queensland's fastest growing regions through the design and construction of 10 new state-of-the-art schools.

Our strategy to maintain the same core central design, project management and administration teams across the program optimised delivery. Transitioning site staff to new school projects once works were completed at earlier schools, enabled knowledge to be transferred between projects.

CLIENT
Queensland Government

VALUE
$385M

EXPERTISE
Public Private Partnerships

TIMELINE
2014 - 2019

The new students [at Bellbird Park State Secondary College] will have access to state-of-the-art education facilities, which will help them gain the best start in life.”

Curtis Pitt
Former Queensland Treasurer

Award-winner

- 2017 **Education Facilities over $10 million (Pimpama State Primary School)**
  Master Builders Queensland (Gold Coast)

- Partnered with Plenary Group and Delta FM Australia to form the Plenary Schools Consortium
- The accelerated construction of the core facilities enabled administration staff early access so that enrolments could be pursued well before the schools formally opened
- The 10 schools were delivered across a five-year program, with each school delivered in two stages (except for the final school which was delivered in an accelerated single stage due to site access delays); our adaptability to fast-track delivery protected the timing of the overall program
- The schools that were delivered in two stages opened to students after completion of stage one; stage two works at these schools were then delivered in a live environment
- Methodologies, design and materials were selected that presented the best time and cost value without compromising quality

BRISBANE, QUEENSLAND

Live environment experts

Brisbane Girls Grammar School Year 7 & Research Centre

Our best practice management, programming and communications procedures ensured students and staff were safeguarded throughout the construction of the sophisticated library and research centre.

- Integrates teaching spaces, administration support facilities and a library
- Design encourages self-learning, individual decision making and responsibility
- Harmonises with the heritage school structures
- Seven storey building

CLIENT
Brisbane Girls Grammar School

VALUE
$16M

EXPERTISE
Design + Construct

TIMELINE
2013 - 2015

BRISBANE, QUEENSLAND

Brisbane Boys College Hall

Elite performing arts complex

CLIENT **Brisbane Boys College**
EXPERTISE **Design + Construct**
TIMELINE **2009 – 2010**

This exceptional 700-seat multi-purpose performance auditorium enhanced the college's reputation as a leader in music and arts education.

MONS, BELGIUM

SHAPE Elementary and Middle School

State-of-the-art international school

CLIENT **Supreme Headquarters Allied Powers Europe**

EXPERTISE **Construct Only**

The 10,500 square metre school incorporates 58 classrooms as well as functional spaces designed to encourage learning. The LEED Silver rated school was built for the children of military personnel

SYDNEY, NEW SOUTH WALES

Newington College

Seamless integration

CLIENT **Newington College**
EXPERTISE **Construct Only**
TIMELINE **2015 – 2016**

Three new areas including a 190-seat theatre, three-storey Year 7 centre, and entry forecourt were masterfully integrated into the College's existing structures.

-

Brisbane Grammar School Tennis Courts

Improved sports facilities

CLIENT **Brisbane Grammar School**
EXPERTISE **Construct Only**
TIMELINE **2016**

The existing tennis complex remained in operation as we undertook a major upgrade that included the construction of 10 competition-grade tennis courts, a refreshed club house, and civil works.

Partner in excellence

OUR PURPOSE

WE EXCEL IN CREATING SUSTAINABLE SOLUTIONS FOR A BETTER WORLD

OUR VALUES

Excellence

We are committed to operational excellence, high performance and delivering on our promises safely.

Co-creation

We collaborate with our clients and partners to drive innovation that makes a difference.

Respect

We are genuine, considerate and act with integrity and candour.

Passion

We seek to inspire, going the extra mile to achieve results that exceed expectations.

Unity

We work as one team to achieve our shared purpose.

HU University of Applied Sciences, Netherlands

Best for project teams

Our teams are hand-picked specifically for each project. We bring together the best people, consultants, sub-contractors, delivery partners and networks to ensure the right technical skills, cultural fit and client focus to achieve on-time and on-budget project delivery.

Flexible, streamlined project delivery

We partner with our clients to deliver projects through various contracting methods, including Public Private Partnerships (PPPs), Managing Contractor, Early Contractor Involvement (ECI), Design and Construct (D&C), or Construct Only. Irrespective of the contract model, we embrace a flat management structure to enable streamlined communication between all project stakeholders to make clear and efficient decisions.

Safety, quality and sustainability

While our systems are certified to Australian, New Zealand and ISO standards, it is our commitment to continuous improvement that ensures we bring best-practice safety, quality and environmental outcomes to all our projects. We have experience in delivering commercial projects to achieve a minimum 5 Star Green Star Design and As-built Ratings.

Culture of excellence

By investing in the development and wellbeing of our people, we create a culture focused on safety and exceeding client expectations. This is underpinned by our values and supported by our in-house leadership program, formal continuous improvement processes and structured sharing across the BESIX Group.

Building Information Model (BIM)

Building Information Modelling affords numerous benefits to the design, construction and operation of a project. Our dedicated BIM Manager oversees design development and coordination of the BIM datasets. By working closely with the design team and cost planner, efficiencies are fully leveraged and any clash detection identified. This enables constructability issues to be resolved well before construction begins. BIM processes can be further utilised to verify BIM elements to the as-constructed form. Ideally the BIM datasets are then used to optimise asset life and facilities management.

Partnering with an experienced contractor who genuinely collaborates to deliver excellence on every project.

Sustainability

OUR PURPOSE IS TO EXCEL IN CREATING SUSTAINABLE SOLUTIONS FOR A BETTER WORLD

We are committed to protecting and preserving our way of life and play our part to make our operations more sustainable. Our actions are guided by our Sustainability Strategy which outlines our approach and key priorities across Environment, Social and Governance (ESG).

Our goal is for our projects to leave a positive legacy for the environment, our people, communities and future generations.

Environment

Emissions & Energy Management, Waste Management, Water Management, Biodiversity Protection

Social

Safety & Wellbeing, Diversity & Inclusion, Community & Support, Indigenous Participation

Governance

Governance Beyond Compliance, Local Procurement, Business Resilience, Development & Capability Building

BESIX Watpac | Community Fund

The BESIX Watpac Community Fund is a way for us to align with like-minded organisations to fund and support projects across a range of initiatives. Our focus areas are Community Health, Education & Literacy and Environment & Food Rescue – prioritising opportunities for First Nations people.

80%+
Average portion of total construction hours by local trades and businesses

800+
Jobs created for Indigenous people

$14.5M+
Indigenous spend

2M+
Training hours achieved across 60 projects

BESIX Watpac's Reconciliation Action Plan artwork

Our blueprint for vibrant communities

- Procurement and tendering processes are transparent, fair and locally driven
- Trade packages are broken down to reduce risk and create local opportunities
- Sub-contractors are connected with Indigenous people and are supported to succeed
- Training pathways are established through local tertiary institutions including universities and colleges
- Benefits are created beyond construction such as support for community programs

Experience you can count on

1989

Bond University Science and Technology Building
Gold Coast, Qld

1999

Brisbane Grammar School – Indoor Sports Centre
Brisbane, Qld

1993

Brisbane Grammar School Boarding House Refurbishment
Brisbane, Qld

2007

Geelong Grammar School Glamorgan Centre
Toorak, Vic

2008

University of Queensland - Sir Llew Edwards Building
St Lucia, Qld

Australian Film, Television and Radio School
Moore Park, NSW

2009

Griffith University Smart Water Research Facility
Gold Coast, Qld

Billanook College Auditorium
Mooroolbark, Vic

Victorian College of the Arts Secondary College
South Melbourne, Vic

2010

Brisbane Boys College Hall Redevelopment
Brisbane, Qld

Albert Park Secondary College
Albert Park, Vic

2011

Griffith University – International Building and Campus Heart
Gold Coast, Qld

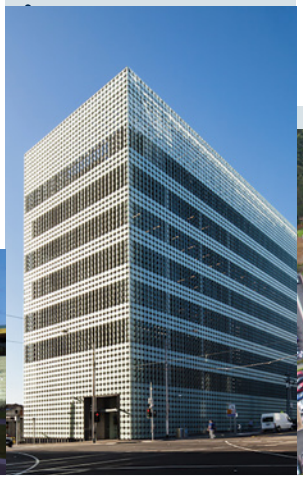
Building the Education Revolution Program – 40 new primary schools,
Qld

2012

RMIT Design Hub
Melbourne, Vic

Hume Global Learning Centre
Craigieburn, Vic

Holmesglen TAFE Building 6
Chadstone, Vic



2013

Advanced Engineering Building
St Lucia, Qld

Sir Samuel Griffith Centre
Nathan, Qld

Griffith University Library Extension and Gumurrii Centre
Gold Coast, Qld

La Trobe Institute for Molecular Science
Bundoora, Vic

2014

Kirwan State High School Year 7 Building
Townsville, Qld

2016

Charles Sturt University
Port Macquarie, NSW

Newington College
Sydney, NSW

2019

Queensland Schools PPP
Various locations, Qld

2021

Wurun Senior Campus
Fitzroy, Vic

Underdale High School
Adelaide, SA

Rochedale State School Hall
Rochedale, Qld

Ongoing

James Cook University Technology Innovation Complex
Townsville, Qld

Brisbane Grammar School STEAM
Brisbane, Qld

2015

University of New South Wales Joint Health Education Facility
Port Macquarie, NSW

2017

Victorian New Schools PPP
Various locations, Vic

2020

James Cook University Cairns Ideas Lab
Cairns, Qld

Deakin University Law School Building
Burwood, Vic

Arthur Phillip High School and Parramatta Public School
Parramatta, NSW

2023

Australian Catholic University Saint Teresa of Kolkata Building
Melbourne, Vic

BESIX Watpac

Discover more at besixwatpac.com

BW0061-2023