



# Building brighter futures in Education

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# Building on strong foundations



DELIVERING EXCELLENCE IN COMPLEX MULTI-DISCIPLINARY PROJECTS



**\$7.6B+**

Work in hand



**15,000+**

Employees



**25+**

Countries



**5**

Continents

## Global experience delivered locally

BESIX Watpac is an Australian multi-disciplinary contractor backed by a century of global expertise and financial strength. A wholly-owned subsidiary of the award-winning BESIX Group, we specialise in complex construction across all sectors.

With vast international experience and a robust balance sheet we deliver large-scale complex infrastructure projects across Australia and New Zealand. Combining Watpac's four decades of intimate local knowledge, delivery excellence, and trusted long-standing partnerships, 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. Proudly, eighty per cent of our business is repeat. A private company with a flat structure, our lean, agile approach guarantees innovative and cost effective solutions.



## Local content specialists

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

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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.*

• James Cook University Cairns Ideas Lab  
Cairns, Queensland

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 student's 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.

Deakin University ›  
Law School Building  
Burwood, Victoria





▲ 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.

# 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

FITZROY, VICTORIA

# Complex logistics management

## Fitzroy Gasworks Senior Secondary College

The six-storey school will accommodate 650 students and provide a range of learning spaces, indoor and outdoor sports courts, an amphitheatre, and rooftop terrace. Careful consideration has been given to the project's complex elements to ensure time, cost and quality outcomes are achieved.

- ✓ A structural analysis and identification of relatively low ceiling heights informed our methodology to use precast panels for the core
- ✓ Smart and logical sequencing of structural works to maximise the use of mobile cranes
- ✓ Steel frames selected in place of timber as a time and cost saving initiative to speed up installation, minimise concrete deliveries and improve integration with the future sports centre
- ✓ Site access requirements to construct the future sports centre have been integrated into current plans
- ✓ Target to recycle 90 per cent of construction waste



CLIENT

**Victorian State  
Government**

EXPERTISE

**Design  
+ Construct**

VALUE

**\$70M**

TIMELINE

**2020 - 2021**





# Fast-tracked program

BRISBANE, QUEENSLAND

## 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**



# Creating vibrant learning environments

SYDNEY, NEW SOUTH WALES



35,900 m<sup>2</sup>

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  
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



MONS, BELGIUM

## SHAPE Elementary and Middle School

State-of-the-art international school

CLIENT **Supreme Headquarters Allied Powers Europe**  
EXPERTISE **Construct Only**

- ✓ LEED Silver rating
- ✓ An international elementary school for the children of military personnel
- ✓ 10,500 square metres incorporating 58 classrooms
- ✓ Functional spaces designed to encourage student learning

ADELAIDE, SOUTH AUSTRALIA

## Underdale High School

Tailored program

CLIENT **South Australian Government**  
EXPERTISE **Construct Only**

- ✓ Major renovation including upgrades to 85 per cent of the school
- ✓ Seven-stage construction program developed in collaboration with the school to allow the maximum number of facilities to remain open at any one time
- ✓ Capacity will increase from 550 to 800 students







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.



BRISBANE, QUEENSLAND

## Brisbane Girls Grammar School

### Live environment experts

CLIENT **Brisbane Girls Grammar School**  
 EXPERTISE **Design + Construct**  
 TIMELINE **2013 – 2015**

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



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.



# 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



# Premium quality

BRISBANE, QUEENSLAND



**5** Star

Plus Education v1  
As-built Rating



**40%**

Energy consumption



**20,000** m<sup>2</sup>

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



# Home of innovation

CAIRNS, QUEENSLAND

## 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**



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**

EXPERTISE

**Construct Only**

VALUE

**\$80M**

TIMELINE

**2009 - 2012**

BRISBANE, QUEENSLAND

# Flexible and staged approach



**5** Star

5-Star Green  
Star Rating

**600,000** Litre

Rainwater tank

## 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

**\$110M**



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.*



### 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)

- ✓ Our flexibility allowed us to rapidly accommodate significant client-driven design changes
- ✓ Selected an alternative manufactured timber product to meet rigorous 5 Star requirements, 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

BRISBANE, QUEENSLAND

# Pioneering institute



6 Star

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



30%

Recycled materials used



1<sup>st</sup>

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

UTRECHT, NETHERLANDS

# Hogeschool Utrecht (HU) University of Applied Sciences

A model of sustainability for other education institutes, this premium multi-department building has achieved a BREEAM Excellent rating for environmental sustainability. Features such as LED lighting, thermal energy storage and photovoltaic cells have been fundamental to the building becoming an energy neutral facility.

- ✓ The 22,000 square metre building accommodates eight of the university's institutes
- ✓ Includes a television studio for media students, an expansive atrium, dedicated student and faculty centres for each of the institutes, and a café
- ✓ Sustainable measures have been incorporated in the 15-year maintenance contract such as using electric scooters and cars to service the building
- ✓ Sustainability goals are reviewed and optimised throughout the maintenance phase



*The HU University of Applied Sciences was a spatial design challenge with more than 5,800 students, faculty and visitors moving through the 3,000 square metre footprint of the building daily.”*

Kristian Ahlmark,  
Partner and Design Director  
Schmidt Hammer Lassen



CLIENT

**HU University of  
Applied Sciences**



VALUE

**\$24M**



EXPERTISE

**Public Private Partnership**



TIMELINE

**2016 - 2018**



ADELAIDE, SOUTH AUSTRALIA

# Charles Sturt University

## Multiple award-winning campus

CLIENT **Charles Sturt University**  
EXPERTISE **Managing Contractor**

- ✓ Winner of four regional and state Master Builders awards
- ✓ A new campus including 5,700 square metres of education and research space
- ✓ Includes a specialist research facility, Indigenous Student Centre and outdoor learning spaces
- ✓ Accommodates 1,000 students and 100 staff



DELOITTE, FRANCE

# Deloitte EMEA Training Centre

## Next generation university

CLIENT **Nexity**  
EXPERTISE **Construct Only**

- ✓ Targeting BREEAM Excellent and Well Building Institute Gold ratings
- ✓ Photovoltaic panels and thermal energy recovery will provide 40 per cent of the building's energy requirements
- ✓ 22,000 square metre building surrounded by landscaped gardens and woodlands
- ✓ 135,000 square metre artificial lake fed entirely by recycled water



MELBOURNE, VICTORIA

# Large-scale innovations



20,000 m<sup>2</sup>

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 has been 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 - 2022





- ✓ 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 will not only deliver a new 13 level facility for ACU, it will also transform the adjacent existing structure to truly enhance the campus and its teaching spaces.***

# 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.



### 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.



### 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.



### 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.



### 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.

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

# Maximising local benefits

SUPPORTING LOCAL JOBS AND PROCUREMENT OPPORTUNITIES

▼ Project activity since 2014



**80%+**

Average portion of total construction hours by local trades and businesses



**500+**

Jobs created for Indigenous people



**2,000+**

Career pathways for apprentices



**2M+**

Training hours achieved across 60 projects

**We believe the benefits of social procurement should flourish during construction and long after the project is completed. This places jobs, diversity, training and skills development front of mind at every step of project delivery.**

With strong local connections, particularly through regional Australia, we are committed to maximising local jobs, Indigenous participation, social benefit and homegrown content.

Partnering with clients and community leaders, we inject millions of dollars into local economies through the creation of career pathways and apprenticeships and by enhancing local business capability.

Engaging early with local industry, we evaluate supply chain capability, training and skills development opportunities - delivering long-term economic and social benefits to the community.



^ Indigenous smoking ceremony at a BESIX Watpac project site - held within a designated safety exclusion zone with all works ceased.





*BESIX Watpac has taken a really personal approach with our local community. They have responded to anything the community wanted to talk about. Nothing has been too difficult.”*

Client feedback



^ Meet the contractor barbecue



## 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

► BESIX Watpac's Reconciliation Action Plan artwork

# Experience you can count on....

## 1989

**Bond University  
Science and  
Technology Building**  
Gold Coast, Qld

## 1999

**Brisbane Grammar  
School – Indoor  
Sports Centre**  
Brisbane, Qld



## 2008

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

**Australian Film,  
Television and  
Radio School**  
Moore Park, NSW



## 2010

**Brisbane Boys  
College Hall  
Redevelopment**  
Brisbane, Qld

**Albert Park  
Secondary College**  
Albert Park, Vic



## 2012

**RMIT Design Hub**  
Melbourne, Vic

**Hume Global  
Learning Centre**  
Craigieburn, Vic

**Holmesglen TAFE  
Building 6**  
Chadstone, Vic



## 2007

**Geelong  
Grammar School  
Glamorgan Centre**  
Toorak, Vic



## 1993

**Brisbane  
Grammar School  
Boarding House  
Refurbishment**  
Brisbane, Qld



## 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

## 2011

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

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



## 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





## 2015

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



## 2017

Victorian  
New Schools PPP  
Various locations, Vic



## 2021

Fitzroy Gasworks Senior  
Secondary College  
Fitzroy, Victoria

Underdale High School  
Adelaide, SA

Rochedale State School Hall  
Rochedale, Qld



## 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,  
Queensland

## 2020

James Cook University  
Cairns Ideas Lab  
Cairns, Queensland

Deakin University  
Law School Building  
Burwood, Victoria

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





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