



Building the future in Hospitals

CAPABILITY STATEMENT





Building on strong foundations

DELIVERING EXCELLENCE IN COMPLEX MULTI-DISCIPLINARY PROJECTS







Employees



Countries



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.





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. Casey Hospital, Victoria



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.

Experts in Hospitals >>

Building blocks for life

World-class health facilities and hospitals are continuously responding to growing and ageing populations, increasing operational costs and rapidly advancing technology.

Since 2014, we have delivered AUD \$4 billion in hospital redevelopments, expansions and new facilities across Australia, Europe and the Middle East.













450,000^{m²}

New Hospital Beds

10,500+

Intensive Care Units

Excellence Awards



Providing our clients with user and patientfocused facilities that promote knowledge, innovation, health and wellbeing.

 QIMR Berghofer Medical Research Institute Brisbane, QLD Partnering with an experienced contractor that understands missioncritical live operating environments and genuine collaboration is essential for an optimised and future-proofed facility.

We specialise in the delivery of contemporary greenfield and brownfield health infrastructure, from small regional upgrades and mental health units to large tertiary hospitals and major redevelopments.

Our proven capability across a range of contracting models provides our clients with flexibility and certainty to ensure that every project is delivered with excellence. With a proud record of more than 50 health and science projects across Australia, we partner with clients to deliver:

- Clinical facilities that support modern, integrated models of care
- Improved access to high-quality services closer to home
- Optimised facility performance and enablement of state-of-theart technology to treat patients earlier and more efficiently
- Vibrant and innovative workplaces to support staff wellbeing and retention
- Dynamic research and learning environments within hospitals to develop the practitioners of tomorrow

Better hospitals and health infrastructure

Our integrated approach achieves low-risk, program and cost certainty.

Live environment experts

We specialise in live operating environments and have the know-how to ensure a safe and seamless experience during construction. From decanting to hazard management to separation zones that minimise cross-contamination risk, we understand that safeguarding mission-critical operations with zero unplanned disruptions is paramount.



 Gold Coast Private Hospital Southport, QLD



Collaborative engagement

Hospitals and health infrastructure projects require close engagement and effective communication with a range of stakeholders. From client teams and facility managers, to the local supply chain and the broader community, we work in a collaborative and flexible way to ensure that expectations are clearly understood, safety and security is maintained, opportunities maximised, and risks mitigated.

Technical and services expertise

Our team understands that world-class health facilities rely on industry leading technology. By working closely with clients, we customise the scope of works and procure specialist equipment such as audio visual and simulation systems. Additionally, our services experts ensure services are designed, installed, commissioned, and handed over without any unplanned disruption while optimising whole of life costs.

\Diamond

Sustainable and future-proofed solutions

We help clients to future-proof their assets. We plan and build-in flexibility and redundancy to accommodate future expansions, meet ongoing sustainability expectations and changing societal priorities such as bariatric and aged care.



Our approach to planning and design begins with the end in mind. With commissioning specialists on board, we de-risk the final stages of project delivery through effective stakeholder consultation and meticulous testing and commissioning especially during a staged handover.

Collaborativ approach

HORNSBY, NEW SOUTH WALES



Construction jobs created

5%

Indigenous participation

of construction hours delivered by apprentices

Hornsby Ku-ring-gai Hospital Stage 2 Redevelopment

The redevelopment of this major hospital is a revolution in Sydney's public health offering. With mission-critical operations on nearly all site boundaries, our meticulously planned business continuity program and live environment expertise were critical to the project's success.

BESIX Watpac developed a 'hospital first' approach to safeguard operations, patients, staff and other hospital personnel, and very sensitive and expensive machinery. We adopted construction methodologies such as hourly consultation, vibration monitoring regimes, and bracing to undertake demolition and construction works adjacent to operational buildings.

é 80	CLIENT Health Infrastructure
	value \$210M
¥.	EXPERTISE Design + Construct
	TIMELINE 2018 - 2022







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Our team has worked carefully and meticulously within the live operating environment. We have found new ways to deliver and innovate like designing, procuring and installing the State's first public hospital robotic pharmacy. "

Mark Cahalin Project Manager, BESIX Watpac

- Refurbishment and expansion of a seven-storey clinical services building including intensive care and high dependency unit, respiratory and cardiac care units
- New and expanded clinical services including a robotic pharmacy, ambulatory care centre, medical imaging unit, and emergency department
- ✓ Fit-out of co-located paediatrics unit
- Co-located education space with the University of Sydney
- Five-stage delivery model focused on planning, procuring, decanting, demolishing and delivering each hospital department – developed in collaboration with our client and multiple user groups
- Procurement strategies for specialist equipment such as the robotic pharmacy were co-designed with user groups
- A change in scope to incorporate a new helipad on the clinical services building was accommodated through our flexible delivery model

Largest in sout hemisphere

BRISBANE, QUEENSLAND



3,800

Construction jobs created

Apprentices

150

Indigenous participation

Herston Quarter

Herston Quarter is a visionary five-hectare health, hospital and aged care development forming a key component of Brisbane's Herston Health Precinct; a global benchmark in public and private medical facilities.

The centrepiece of this project is the 35,000 square metre, highly specialised Surgical, Treatment and Rehabilitation Services (STARS) building. It is the largest specialist rehabilitation service in the southern hemisphere and has revolutionised Metro North Hospital and Health Service's offering.

á a a	CLIENT Australian Unity
	value \$400M
¥.	EXPERTISE Public Private Partnership
	TIMELINE 2016 - 2020
<u>م</u>	PARTNERS Queensland Government/ Metro North Hospital and Health Service







Award Winner

- 2021 National Health Facility Award Master Builders Australia
- 2021 Health Facilities over \$20M
 Master Builders Queensland Award (Brisbane)

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The STARS will provide short-stay elective surgery and endoscopy as well as various outpatient services and boasts seven operating theatres, three endoscopy procedure rooms and consultation spaces for a range of specialties. This facility will become a world-class facility supporting 900 clinical and non-clinical jobs.³³

Steven Miles Queensland Minister for Health (Former)

- Major stakeholders included nine hospital and research institutes such as the tertiary Royal Brisbane and Women's Hospital, and leading research facility QIMR Berghofer
- Our collaborative approach was crucial to delivering optimal outcomes for the project and its stakeholders, and focused strongly on business continuity, operational readiness, and a comprehensive communication and community engagement strategy
- Other works included construction of a sky bridge link and Spanish steps, along with infrastructure and road upgrades
- Extensive design workshops and detailed construction methodologies identified the safest and most efficient solution for constructing the sky bridge link

Investing in health

MELBOURNE, VICTORIA

Casey Hospital Expansion

This project marks one of the first successful PPP hospital expansions in Australia. Delivering in a 24/7 operating environment, as well as the handover taking place during a global pandemic, required rigorous planning and close collaboration with our client and hospital staff to mitigate impacts.

- Our detailed business and management plans safeguarded sensitive medical equipment as well as ensured continuity of operations throughout construction
- A 3D design platform for architectural and services documentation improved design coordination and minimised potential issues
- The 13,000 square metre expansion increased the floor area by 60 per cent
- The project delivered the hospital's first ICU, 128 additional beds, an upgraded pharmacy, pathology and combined education and training spaces
- 3,500 jobs were created both directly and indirectly

égè	CLIENT Victorian Government
	value \$135M
¥ ¥	EXPERTISE Public Private Partnership
	TIMELINE 2017 - 2020
888 888	PARTNERS Plenary Group and Brookfield GIS



100 per cent loca procurement

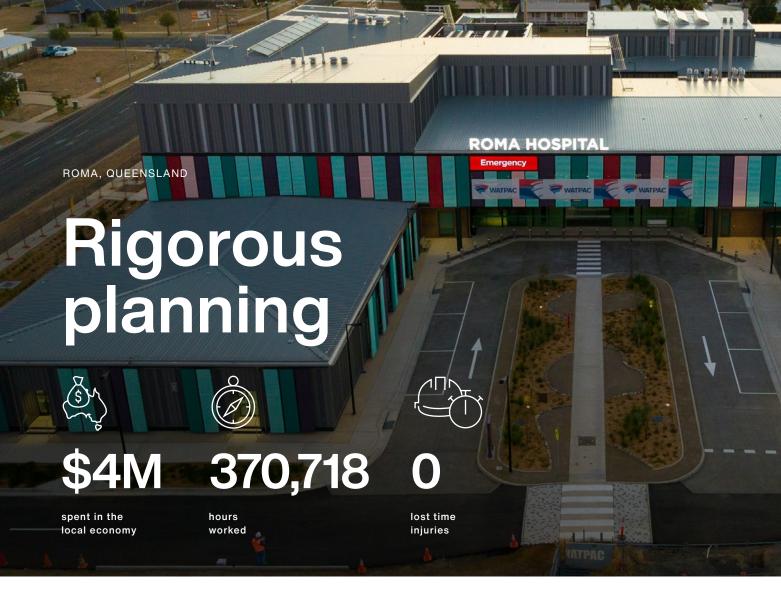
IPSWICH, QUEENSLAND

Ipswich Hospital Mental Health Unit

The Mental Health Unit at Ipswich Hospital will generate significant stimulus for the Ipswich economy with around 140 jobs to be created, targeting five per cent Indigenous participation and 100 per cent of the project to be delivered by South East Queensland subcontractors.

- New three-storey, 50-bed acute mental health unit in the heart of the Ipswich Hospital expansion
- A contemporary environment for best practice mental health care and assessment, recovery and rehabilitation services
- An enclosed overhead bridge will link the new facility with lpswich Hospital
- Exceptional stakeholder engagement to minimise impact on adjacent residential properties and the neighbouring community





Roma Hospital Redevelopment

An entirely new hospital was built for the Maranoa region. Logistical planning was critical to the project's success due to limited materials and equipment being available locally due to the project's location. Long-term planning ensured materials, labour force and accommodation were booked well in advance.

Our team engaged with local businesses, subcontractors and suppliers creating opportunities for participation and ensuring the project created a positive legacy for the region.

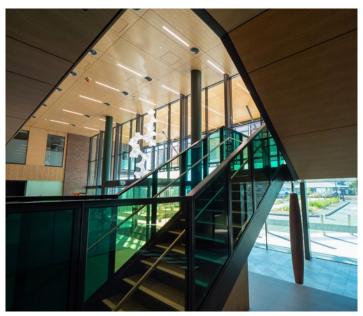
822 822	CLIENT Queensland Health
	VALUE \$86M
¥ ¥ ¥	EXPERTISE Construct Only
	TIMELINE 2018 - 2021



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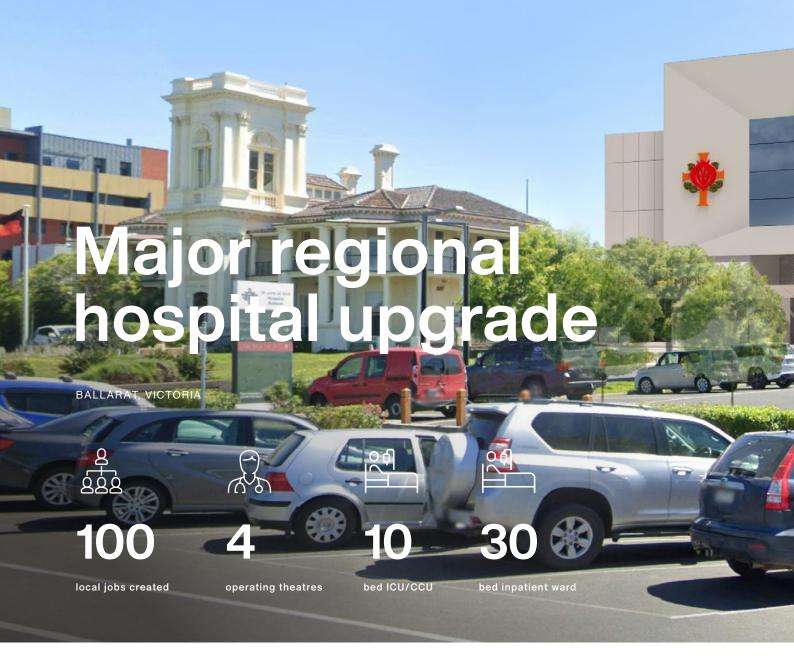
The builder and subcontractor have done an exceptional job to complete a project of such a high standard in a remote location. Not only do all the finishes stand out, but the plant room is neat as well – one of the most organised plant rooms I have seen.³³

Master Builders judge



Multi-award Winner

- 2021
 Project of the Year
 Master Builders Queensland (Downs & Western)
- 2021 Health Facilities over \$20M Master Builders Queensland (Downs & Western)
- The project immersed into the local community through job creation, local event sponsorships and running a crane naming competition with local schools.
- An entirely new hospital with a gross floor area of 12,550 square metres to replace the previous adjacent building
- Facilities include emergency, allied health, and medical imaging departments as well as a central sterilising unit, rehabilitation gym and 24 inpatient beds
- Exceptional planning to overcome the challenge of obtaining materials given the project's remote location
- Delivered ahead of schedule



St John of God Ballarat Stage 1 Redevelopment

Local Ballarat builder H.Troon and BESIX Watpac have teamed up to build the St John of God Hospital redevelopment in Ballarat – one of the largest private hospitals in regional Victoria.

This important redevelopment will enable St John of God Health Care to continue its history of 107 years of service to the community of the Grampians Region. The redevelopment will inject a minimum of 100 new jobs into the region.

ééééé	CLIENT St John of God Health Care
	value \$80.5M
¥.	EXPERTISE Design + Construct
	TIMELINE 2022 - 2024



- Construction of a five-level tower including a new main entry and links to the existing hospital
- 10-bed Intensive Care Unit/Critical Care Unit (ICU/CCU), four new operating theatres, 30-bed inpatient ward, and shell spaces for future wards, theatres and consulting suites
- Modifications to existing Medical Services Building include a relocated Central Sterile Services Department, upgraded pathology, expanded Cardiovascular Intervention Laboratory, and one Cath Lab Shell

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The joint venture is a perfect blend of local experience with national and global reach and we are looking forward to working with both H.Troon and BESIX Watpac to deliver the best possible outcome for the Ballarat community. "

Alex Demidov St John of God Ballarat Hospital, Chief Executive Officer

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SPRINGFIELD, QUEENSLAND

Mater Private Hospital Springfield

Located within a 52-hectare health and wellness precinct dubbed 'Health City', this was the first local hospital for the catchment area. Stage one was delivered two months ahead of schedule following a high level of collaboration between our team, client and delivery partners.

- Answered the growing community need for premium health care in the rapidly growing urban area of Greater Springfield
- ✓ A new 10,000 square metre, six-storey hospital
- Four operating theatres
- ✓ Cancer care and central sterile services department



Multi-project redevelopment

CAIRNS, QUEENSLAND

Cairns Hospital Upgrades

BESIX Watpac is delivering three projects at the Cairns University Hospital including a redevelopment of the Emergency Department, a High Voltage Upgrade to the power infrastructure and replacement of the chillers in Block B.

- Highly detailed planning and staging of works to ensure minimal disruption to the hospital's operations
- Emergency department upgrades will add six new beds, create 164 square metres of new facility and reconfigure 1,152 square metres of the existing facility
- Complex staging required to upgrade the oldest electrical infrastructure
- Replacing four old air conditioning chiller units and upgrading to three new state-of-the-art chillers
- Donating \$11,300 to the Far North Queensland Hospital Foundation through the auctioning of old generators removed through the project

é é é	CLIENT The Cairns Hospital and Hinterland Health Service
	VALUE \$25.5M
¥ ¥	EXPERTISE Construct Only
	TIMELINE 2020 - 2022



Enhanced regional healthcare

PORT MACQUARIE, NEW SOUTH WALES

Port Macquarie Base Hospital

The Port Macquarie Base Hospital Expansion was delivered as part of federal and state government plans to improve the healthcare services for regional New South Wales. Close collaboration with hospital management ensured minimal disruption to hospital operations throughout construction.

- Provided an additional 70 overnight acute inpatient beds, larger emergency department, additional operating theatres, new critical care unit and cardiac catheterisation laboratory
- Improved access to clinical and aged care services for the Mid North Coast NSW community
- 12,000 square metre expansion over four storeys
- Delivered on time and within budget

2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	CLIENT Health Infrastructure NSW
	VALUE \$69M
¥.	expertise Design + Construct
	TIMELINE 2012 - 2014



Designed for future growth

COLD COAST-PRIVATE HOSPITAL

SOUTHPORT, QUEENSLAND

Gold Coast Private Hospital

The five-level private hospital is an impressive facility offering 284 beds with the capacity to expand to 400 beds in the future to meet increased demand. It offers the people of the Gold Coast with a state-of-the-art private hospital including a premium maternity ward.

- Medical specialty departments include cardiology, oncology, urology, orthopaedics, gynaecology, obstetrics and paediatric services
- New maternity ward features 25 comfortable antenatal and postnatal rooms including en-suites and double beds
- A special care nursery with nine cots available for babies requiring extra care
- A striking façade features on the hospital's exterior





MELBOURNE, VICTORIA

Frankston Private Hospital Expansion

Live environment expertise

CLIENT EXPERTISE TIMELINE Divine Logistics Design + Construct 2016 - 2017

Exceptional planning and communication with the client and hospital staff ensured minimal disruption as we delivered a major refurbishment and expansion of this highquality cancer treatment facility.

NEUILLY-SUR SEINE, FRANCE

Ambroise Paré, Pierre Cherest and Hartmann Hospital

Brining the best together

CLIENT EXPERTISE TIMELINE Immobilière Paré Cherest Design + Construct 2018 - 2021

The project brings together three of France's leading healthcare institutions in one location and provides multiple medical units, 387 ambulatory beds and 34 operating theatres.



Outstanding

Groupe Hospitalier Sud Île-de-France

Delivered on time and within budget, this ultramodern public hospital was constructed in 36 months, providing first-class health services such as a polyclinic, psychiatric facilities, neonatal care and an emergency department.

Underpinning the project's success was our collaborative approach with key hospital personnel, architects, engineers, economists, urban planners and landscape designers. This influenced the selection of technical solutions as well as enhanced efficiencies.

✓ 56,000 square metre and 507 beds

MELUN, FRANCE

- LEAN planning was fundamental to the seamless coordination of works and enabled testing and commissioning to commence on schedule
- Waterproofing the structure ahead of seasonal weather was made possible through collaboration and rigorous planning
- Time and cost saving efficiencies were identified throughout the project and included utilising prefabricated materials where possible



Cutting-edge infrastructure

6,0

Construction jobs created

ABU DHABI, UNITED ARAB EMIRATES

Cleveland Clinic

EED GOLD

The Cleveland Clinic is one of the world's most advanced medical precincts featuring state-of the art infrastructure, technology and sustainable design.

The layout of the project, the internal and external works, along with the Clinic's busy location provided multiple integration challenges. Seamless methodologies were employed to manage these issues. These included tightly coordinated workflows, thorough design studies and BIM technology as well as the production of up to 60 drawings per day.









- Processes, procedures and hardware requirements were prepared for more than 20,000 pieces of medical equipment and 20,000 pieces of IT equipment
- ✓ 75 per cent of waste produced by the Clinic is recycled
- Energy savings achieved through an active doubleglazed façade
- 16,000 workers from 80+ nationalities worked on the project
- ✓ 500 engineers
- ✓ 40 medical and surgical specialists

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The major challenges of this project, besides the construction, were the scale of the design studies which have been coordinated through BIM technology and the logistics, which were even more complex than for the Burj Khalifa, due to the just-in-time daily flows and the town-centre location.³⁹

Didier Bosredon, Project Director, BESIX Group

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.







Groupe Hospitalier Sud Ile-de-France



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.

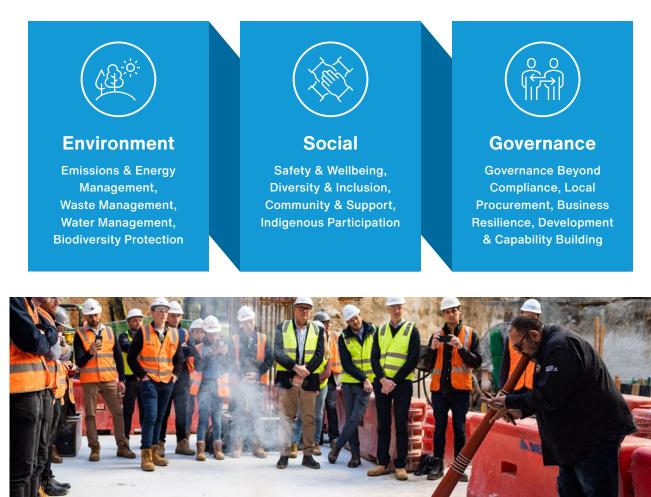
Partnering with an experienced contractor who genuinely collaborates to deliver excellence on every project.

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.





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



Indigenous spend



2N+ Training hours achieved

across 60 projects



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



2014

- Abu Dhabi, UAE
 - Port Macquarie Base Hospital
 - Port Macquarie, NSW
 - Annexe Adelaide, SA
 - Ayr Hospital Rural Remote Infrastructure Rectification Works Ayr, Qld

Sub-Acute Facility Townsville Hospital Townsville, Qld

2016

• • • Knox Private Hospital Expansion Knox, Vic

Baptcare Strathalan
 Residential Aged Care
 Facility
 Macleod, Vic

Medium Secure Mental
 Health Rehabilitation Unit
 Brisbane, Qld

AITHM + TRF Townsville, Qld

2018

Groupe
 Hospitalier Sud
 Île de France
 Melun, Fr

Forensics Medicine & Coroners Court Lidcombe, NSW

2020

- Casey Hospital Expansion Casey, Vic
 - Jewish Care Senior Living Community St. Kilda, Vic
- Herston Quarter
 Brisbane, QId
- Roma Hospital
 Redevelopment
 Roma, Qld



• EDF Lab, Paris-Saclay Paris, Fr

Kempsey District Hospital Kempsey, NSW

Mater Private Hospital Springfield Springfield, Qld

Gold Coast Private Hospital Gold Coast, Qld

2017

Frankston Private Hospital Expansion Frankston, Vic

Australian Nuclear Science and Technology Organisation (ANSTO) Nuclear Medicine Sydney, NSW

2019



2021 & beyond

- Hornsby Ku-ring-gai Hospital Stage 2 Redevelopment Hornsby, NSW
 - Ipswich Hospital Mental Health Unit Ipswich, Qld
 - Cairns Hospital Upgrades Cairns, Qld
 - St John of God Ballarat Stage 1 Redevelopment Ballarat, Vic
 - Ambroise Paré Private
 Hospital
 Paris, Fr



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