



Excellence in Rail Stations



40 YEARS OF
BUILDING STRONG
FOUNDATIONS



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.*



^ Overseas Passenger Terminal, New South Wales



In-house engineering expertise

Our in-house team of 150+ engineers operates from four global hubs in Brisbane, Sydney, 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.

Rail station expertise >>



Highly integrated rail projects

Transport solutions for Australia's growing population

Rail stations that are designed and constructed to accommodate the future, demands a contractor who understands that integration into the transport network, coordination of trades, and the customer experience underpin the success of a rail project.

Combining our strong local knowledge and delivery excellence in shaping Australia's cities and regions with BESIX's proven global track record in rail infrastructure, our highly skilled team has the ability to deliver optimised solutions for Australia's rail industry.

From greenfield stations forming part of major network upgrades such as Sydney's Barangaroo Station to terminal upgrades in Europe's busy cities, we understand the complexity of delivering efficient rail infrastructure. From construction through to fitout, testing, commissioning, and seamless integration into the network, we collaborate with our stakeholders at every step.



We bring a powerful combination of proven local expertise and international experience in delivering large-scale rail projects

• Aerial view of Sydney trains railway going towards Sydney Harbour Bridge and CBD

As an ISO-accredited company, we continually deliver quality for our clients. We work with them to understand each requirement as well as the intricacies of each project to deliver the best outcome. This ensures the station forms an efficient part of the rail network and provides the customer with the best possible experience, from thoroughfares, retail precincts, ease of navigation, and aesthetics.

With works often taking place in live environments or adjacent to high density pedestrian and vehicle traffic areas, our award-winning health and safety methodologies are in place to protect all who interact with our sites. This includes excellent communication protocols, timing of works and temporary infrastructure developed specific for the location.

Our solution to delivering integrated rail infrastructure includes:

- ✓ Comprehensive planning and methodology to de-risk projects and provide certainty
- ✓ Collaborating with local subcontractors to boost regional employment
- ✓ Establishing highly effective communication with clients and stakeholders
- ✓ A skilled and sophisticated team with proven experience in large-scale infrastructure
- ✓ An extensive local network of specialist operators and technology partners

Trusted and proven rail expertise

Our integrated approach de-risks projects, optimises value and delivers certainty.

- ✓ Project management excellence
- ✓ Design management
- ✓ Industry leading value engineering capability (access to more than 150 in-house engineers)
- ✓ Fully integrated cost plan incorporating scope and time
- ✓ BIM Modelling, methods and sequencing
- ✓ Services, technology and commissioning
- ✓ Workforce training and development
- ✓ Community and stakeholder engagement





Liège-Guillemins rail station
Liège, Belgium

✔ Integrated solutions

Integration of new infrastructure into existing networks is crucial when delivering rail projects. Our strong methodologies and highly collaborative model provides a framework for the way we engage with key stakeholders at every step to ensure seamless integration at each interface.

✔ Collaboration

Whether delivering greenfield infrastructure or upgrading existing facilities, our approach is to identify and engage with all stakeholders, and collaborate closely with the large number of trade contractors to ensure the best possible outcome for our client. We have strong relationships with specialised delivery partners and focus on excellent communication to mitigate risks and maximise opportunities

✔ Strength and experience

Our highly skilled multi-disciplinary team brings an integrated approach to safely deliver each project. Backed by the financial strength and global expertise of BESIX, we have a diverse portfolio of rail projects that showcases both our commitment to innovation and our remarkable legacy of benefiting the communities in which we operate.

✔ Uninterrupted operations

When upgrading infrastructure in busy transport hubs, the impact on commuters, train schedules, operators and retail tenancies must be thoroughly considered. We closely engage with our client and other key stakeholders to determine the best approach such as staging works and creating safe passageways for all who need to continue to access the station or terminal.

SYDNEY, AUSTRALIA

Collaborative excellence



☆☆☆☆☆☆

25m

below ground

6 Star Green Star

target rating

Barangaroo Station

Forming one of six new metro stations being delivered as part of the Sydney Metro City and Southwest project, we are responsible for the construction, fitout, testing and commissioning of the new underground station including platforms, lifts, escalators, northern entrance and public domain works.

Our experience in engaging with a large number of stakeholders on rail and terminal projects has guided our collaborative approach to working with the project's many interfaces. This includes regular executive meetings, working group meetings, collaboration workshops, interface meetings, and technical workshops.



CLIENT

Sydney Metro



VALUE

\$217M



EXPERTISE

Construct Only



TIMELINE

2021 - 2023



Our collaborative model guides our approach to working with a large number of contractors to ensure the best possible outcome for this landmark project in the heart of Sydney. ”

—
 Bram Gruwez
 General Manager, Operational Support

- ✔ Innovative methodology for installation of fire rated linings of the structural steel over track exhaust plenum to eliminate fall from heights risk
- ✔ One station entrance with provision for additional entrance to be delivered by Infrastructure NSW
- ✔ Public domain works including footpaths, tree planting, lighting and street furniture
- ✔ Associated roadworks
- ✔ New bike parking.

Building a high-speed rail connection

BRUSSELS, BELGIUM

Brussels International Airport

Over the past 25 years, Brussels Airport (Zaventem) has continued to grow and evolve into one of the world's largest complex air, rail and road infrastructure projects. BESIX has overseen successive projects to build new terminals, add additional piers and infrastructure.

- ✓ Early works included a new 7-storey terminal building joined the existing terminal, along with a 3-storey "Pier B" and a series of access bridges and roads
- ✓ 20 metres below ground, a complete rail station was built to facilitate connections with the high-speed train network
- ✓ This included a 300-metre rail tunnel under the road infrastructure and another 400-metre tunnel beneath the runways, between the passenger terminal and the future Pier A
- ✓ Recent works include building a new logistics and trans-shipment platform including construction of warehouse with a total area of 50,000 square metres and 10,500 square metres of office space.



CLIENT

Brussels International Airport Company



EXPERTISE

Construct only



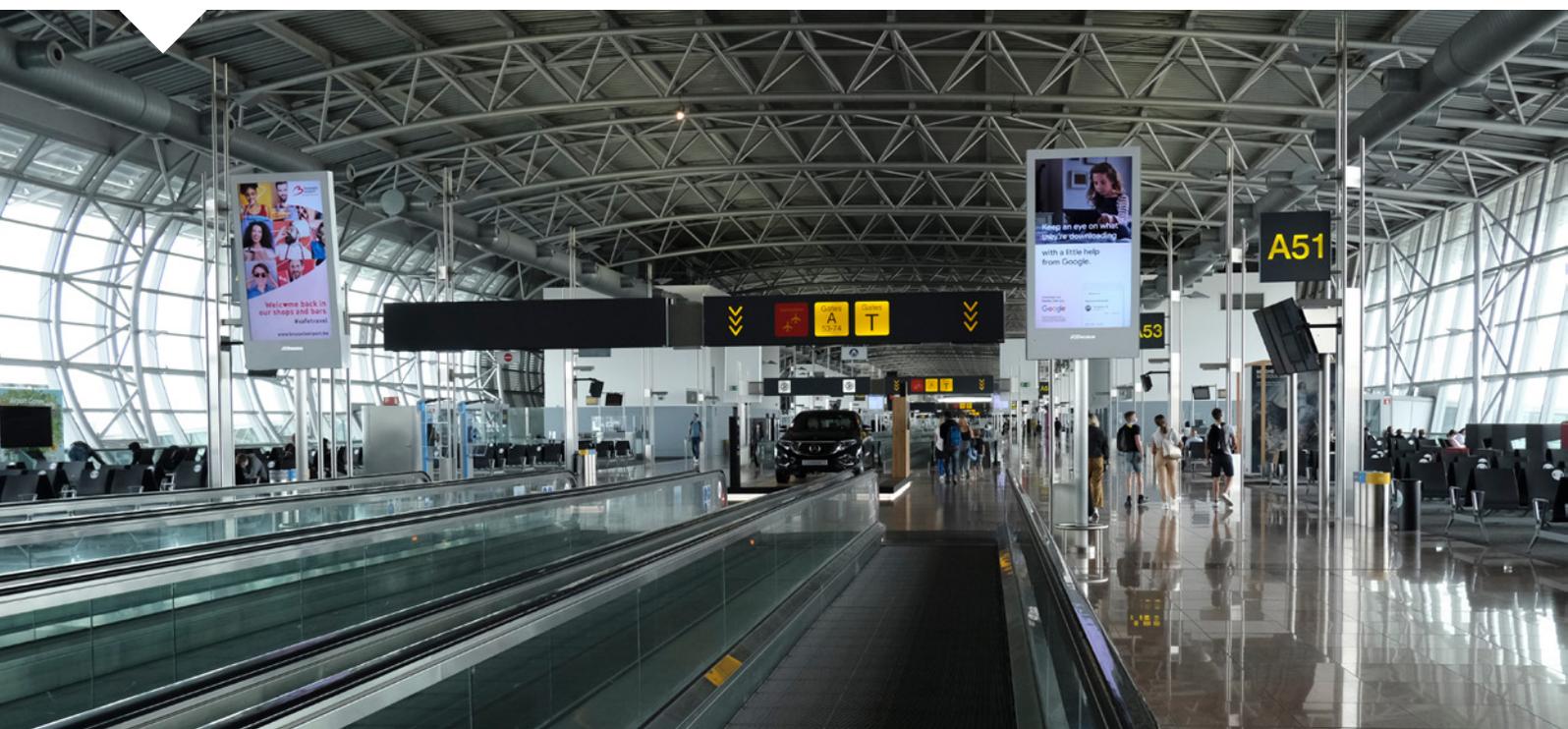
VALUE

\$710M



TIMELINE

1999 - 2020





PARIS, FRANCE

Grand Paris Express Saint-Denis-Pleyel

Preparing for 2024 Olympics

CLIENT **Societe du Grand Paris**

EXPERTISE **Construct Only**

- ✔ The \$165million Station is one of the largest stations on the Grand Paris Express Network, covering a total area of 34,000 square metres over nine levels
- ✔ Designed by the architect Kengo Kuma, the station will handle 250,000 passengers a day and interconnecting lines 14, 15, 16 and 17
- ✔ Commenced in July 2020, works will be complete in time for the 2024 Paris Olympics
- ✔ Works include the four separate underground constructions 800m apart, three service infrastructures dedicated to passenger safety, ventilation and smoke extraction of the tunnels, and a system to reverse the direction of the trains.

VARIOUS SITES, VICTORIA

Victoria's rail network upgrades

Eastlink Rail Upgrade

CLIENT **Department of Transport, VIC**

EXPERTISE **Construct Only**

- ✔ Upgrades to four rail stations and surroundings at Kananook, Dandenong, Heatherdale and Noble Park
- ✔ Works included replacement of station buildings, additional car parking, pedestrian and commuter shelters in addition to general infrastructure upgrades and beautification works
- ✔ BESIX Watpac managed the live environment and multiple stakeholders with excellence, winning the 208 AIB Professional Excellence in Building Awards for Commercial Construction – \$10 million to \$50 million and the Master Builders Victoria, Excellence in Civil Construction.



UTRECHT, THE NETHERLANDS

Upgrading The Netherlands largest train terminal



75,000

commuter additional capacity



4,500

bicycle storage slots

OVT Terminal Utrecht

With more than 230,000 commuters using the terminal each day, the project's biggest challenge was to keep the train station and shopping facilities operational at all times. Meticulous planning and regular communication were undertaken with stakeholders to ensure that our client was satisfied at every step.

The works were influenced by many environmental factors and various stakeholders. Our extensive experience in rail and environmental management was invaluable in determining the best approach for this project and this informed the planning of works in six phases.



CLIENT

ProRail



VALUE

\$155M



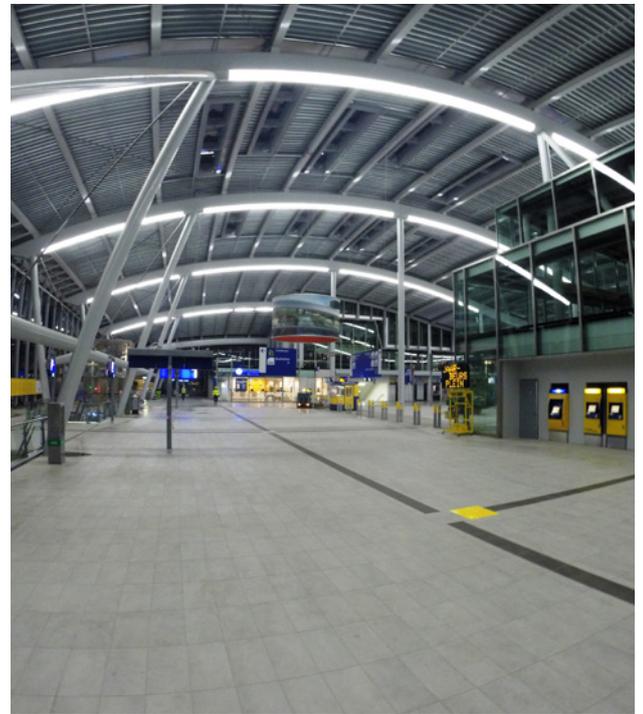
EXPERTISE

Construct Only



TIMELINE

2010 - 2016



The side of the hallway along with the floor and the many commercial spaces were built in one phase. Our teams worked day and night to get it ready in time. In my opinion, the hall is a real masterpiece ”

Emiel Brackman
Project Director, BESIX

- ✓ The largest train station in the Netherlands with more than 230,000 commuters passing through each day
- ✓ The upgrade has increased the terminal's capacity to support passenger growth to more than 100 million a year
- ✓ Various demolition activities, execution of railway tracks, and modifications to the existing station's concrete structure
- ✓ Constructed a new precinct including retail spaces, ancillary buildings and an access road
- ✓ Supplied and installed escalators, lifts and façade maintenance equipment.

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.





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 knowledge 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.

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.





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



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

Rail stations

2008

- • Eastlink Rail Upgrade
Various sites, Victoria



2009

- • • Liege-Guillemins
Rail Station
Liege, Belgium



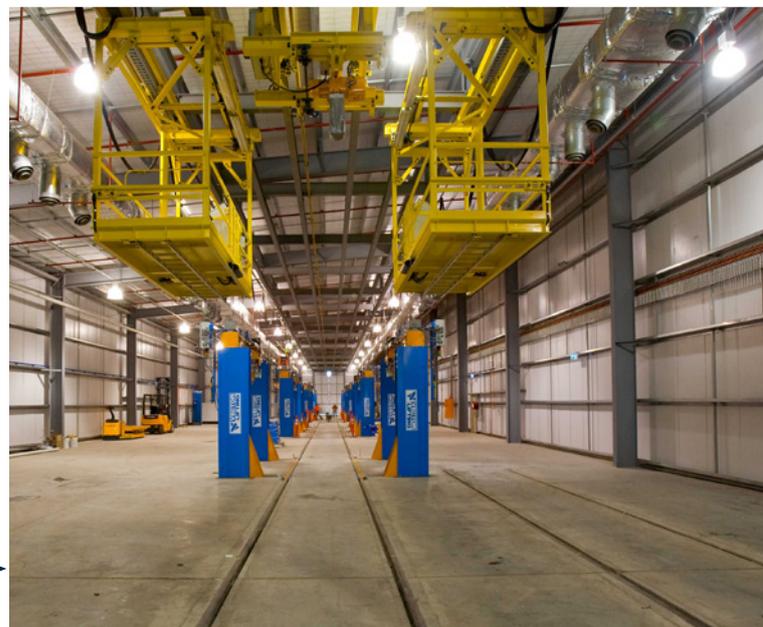
2010

- • • Bijlmer Arena Amsterdam
Amsterdam, The Netherlands



2010

- Westall Train Maintenance Facility Expansion
Springvale, The Netherlands



2015

Overseas Passenger Terminal

Springvale, New South Wales

Syndal Station
Multi Level Carpark
Glen Waverly, Victoria



2011

Dubai Tram
Dubai, UAE

2023 & beyond

Garden Village Seniors
Living Development
Port Macquarie, NSW

Grand Paris Express
Saint-Denis Pleyel
Paris, FRANCE

Rail Baltica Central
Station
Riga, LATVIA



2016

OVT Terminal Utrecht
Utrecht, The Netherlands



BESIX Watpac

Discover more at besixwatpac.com