

PARTNER FOR A SUSTAINABLE FUTURE

Webuild Group in Queensland, Australia

WEBUILD AT A GLANCE



~120 YEARS

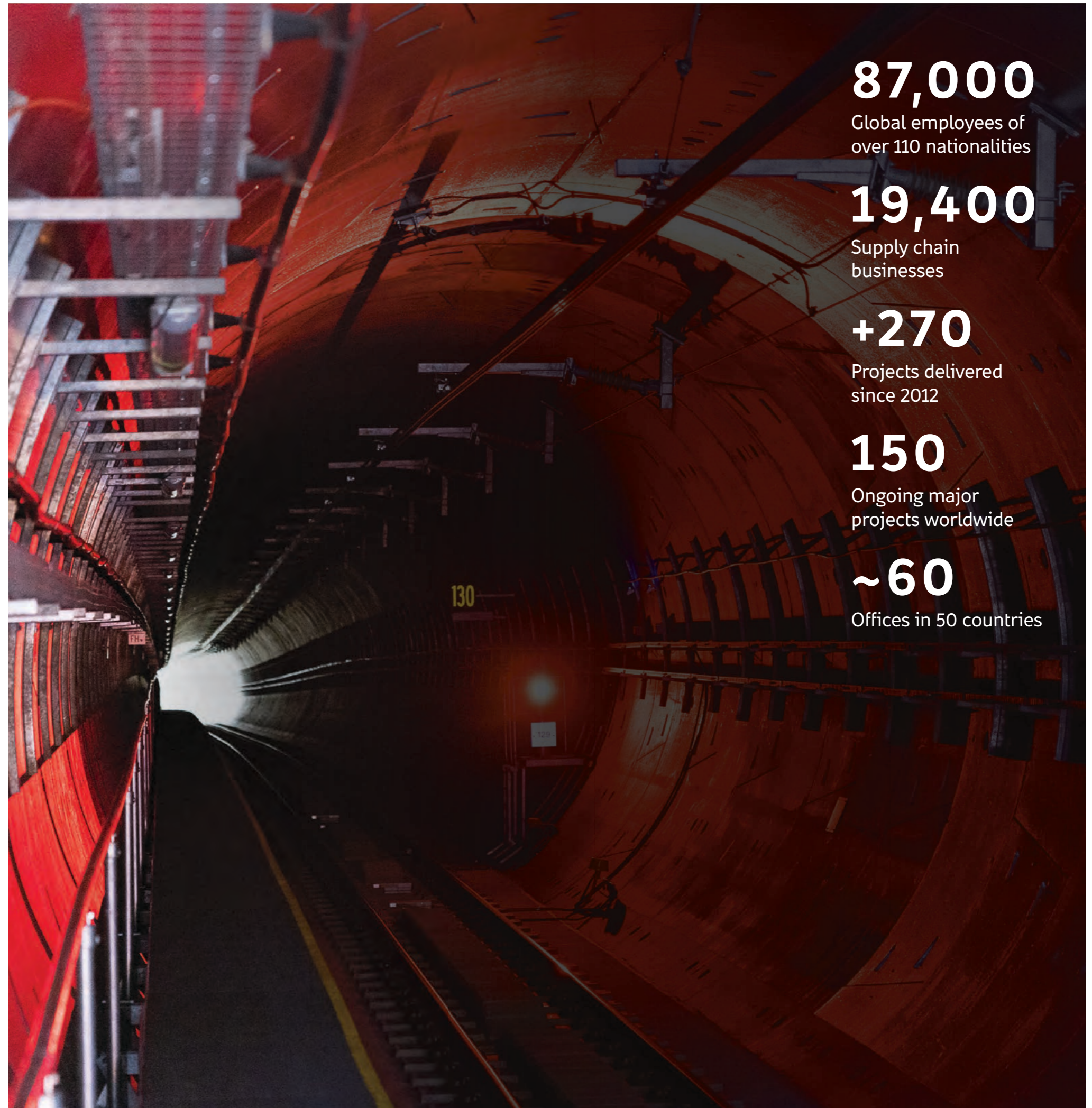
OF ENGINEERING AND CONSTRUCTION
EXPERIENCE

Webuild is a global leader in the design and construction of large, complex projects in the sectors of sustainable mobility, hydropower, water and wastewater management, and green buildings.

With almost 120 years of engineering experience deployed on five continents, drawing on the skills of 87,000 people of more than 110 nationalities, Webuild builds complex, long-lasting infrastructure, assisting clients in working towards achieving the Sustainable Development Goals (SDGs) established by the United Nations.

Today, Webuild has a supply chain of more than 19,400 businesses and operates in approximately 50 countries, concentrating activities in Italy, Europe, North America, and Australia.

Webuild fosters an inclusive workplace and embraces diversity as a competitive advantage that enables growth in every country where it operates. It recognises its people as its most precious resource, with a focus on health and safety. Environmental protection is a top priority for the Group, which applies innovative solutions to ensure the sustainability of its projects from construction through to long-term operations.



87,000

Global employees of
over 110 nationalities

19,400

Supply chain
businesses

+270

Projects delivered
since 2012

150

Ongoing major
projects worldwide

~60

Offices in 50 countries

WEBUILD GROUP IN AUSTRALIA

THE BUSINESS HAS RECENTLY EXPANDED ITS REACH IN AUSTRALIA, WITH THE NATION RECORDED AS WEBUILD'S LARGEST MARKET OUTSIDE OF ITALY.

The Webuild Group in Australia comprises Webuild, Clough and e2o.

Founded in Western Australia in 1919, Clough is a pioneering project delivery company that delivers engineering and construction solutions for the energy, resources and infrastructure industries.

Founded in Australia in 2011, e2o delivers sustaining capital works, MEP Fitout and Commissioning, Operations and Maintenance, and workforce solutions to the energy, resources and infrastructure industries.

The Webuild Group's experience in Australia dates back to the 1970s with the construction of the Melbourne Underground Rail Loop, also known as the City Loop.

Other completed projects include the Wivenhoe Dam, Shoalhaven Bridge, Traralgon Water Treatment Plant, Pakenham Water Recycling Plant, the Sydney Metro Northwest skytrain bridge and viaduct, and the Perth Airport Line. Webuild is now involved in several projects across the country, including the North East Link Project in Melbourne and the Sydney Metro SSTOM Package, both of which are sustainable infrastructure projects transforming the cities in which they operate to support their growing populations.

Webuild, with its subsidiary Clough, is also delivering the iconic Snowy 2.0 project, the underpinning of Australia's transition to a renewable energy future.



~\$10B

AUD total order backlog in Australia

€6.2B backlog as at April 2024

+3,000

employees

105

years in Australia

9

ongoing projects

6

offices





OUR MARKETS



INFRASTRUCTURE



SUSTAINABLE MOBILITY

Metro, railways, roads and motorways, bridges, ports and sea works, tunnels and airports



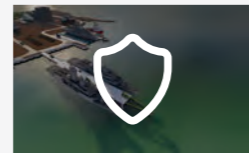
CLEAN WATER

Water treatment and desalination, wastewater and management plants, hydraulic works, irrigation dams



MARINE

Near shore marine, ports, submerged tunnels, terminals



DEFENCE

Critical infrastructure to strengthen defence facilities, including naval bases



VERTICAL BUILDINGS

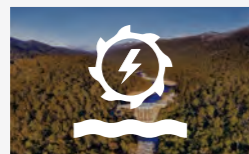
Civil and industrial buildings with sustainable characteristics, stadiums and hospitals

ENERGY



ENERGY TRANSITION

Hybrid generation, distributed energy systems, hydrogen and renewable natural gas



CLEAN HYDRO ENERGY & POWER

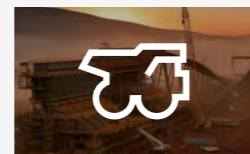
Hydropower, combination power generation facilities, transmission lines and distribution



OIL & GAS

Onshore, offshore, pipelines, LNG, petrochemicals, chemicals refining, ammonia, urea and decommissioning

RESOURCES



RESOURCES

Process facilities, handling plant, and enabling infrastructure for iron ore, critical minerals and other minerals

OUR HISTORY IN QUEENSLAND



ONE OF CLOUGH'S FOUNDERS, HAROLD CLOUGH, HAD A VISION OF DELIVERING PROJECTS ACROSS THE NATION, SO IN 1973, CLOUGH ENTERED THE QUEENSLAND MARKET.

Clough began working on road construction and small mining projects across the state, and soon after, the business secured two pipeline contracts near Gladstone, one for water and the other for limestone.

These projects strengthened Clough's presence as a project delivery company and unlocked the potential for the business to extend further into the East Coast and Papua New Guinea markets across a range of industries.

Today, our Brisbane team continues to grow to support the diverse local communities in which we work and contribute to some of our largest and most technically and logistically challenging projects.

+120

Projects delivered in QLD

+50

Years in operation in QLD

+40

Years delivering projects in PNG

+70

Projects delivered in PNG

OUR SERVICES

Our global track record includes over 100 years in Australia and over 40 years in Papua New Guinea.

The Webuild Group provides services across all key phases of the asset lifecycle – engineering, construction, commissioning, asset services and decommissioning. These functions deliver safe, high-value, sustainable solutions to our clients across the resources, energy and infrastructure markets in Australia and Asia Pacific.

Our project delivery expertise has been developed through our involvement in some of the world's most logistically challenging projects.

The Group reduces project risk by providing a complete engineering and project services solution that spans the full asset lifecycle. We engineer to construct and construct to commission, operate and maintain facilities, optimising safety, productivity and cost across every phase of a project.

SERVICES ACROSS THE FULL ASSET LIFECYCLE



BUSINESS AREAS - INFRASTRUCTURE

SUSTAINABLE MOBILITY



METROS



RAILWAYS



ROADS AND
MOTORWAYS



BRIDGES AND
VIADUCTS



AIRPORTS

Webuild is one of the global leaders in sustainable urban (metros and light rail) and extra-urban (high-speed railways) mobility, as well as for land (roads and motorways), maritime (ports, navigable canals) and air transport infrastructure (airports).

Transport infrastructure is fundamental in supporting the socio-economic development of cities and territories, and enabling a more sustainable future. By delivering sustainable mobility solutions, we can reduce CO2 emissions and fossil fuel consumption, and make car travel safer.

The projects for building metro lines, which Webuild is currently implementing, will allow approximately 4.3 million people to move quickly, efficiently and in an environmentally friendly manner every day, thanks to cutting-edge infrastructure.

On the other hand, the ongoing High-Speed rail projects will prevent annual emissions of almost 6 million tonnes of CO2.

Clough has been delivering innovative transport infrastructure solutions to projects through our fully integrated, award-winning, in-house engineering, procurement and construction services since 1957, with its first major project, the Narrows Bridge in Perth, Western Australia.

The group has extensive experience in Public-Private Partnership (PPP) and alliance contracting and a proven track record of delivering complex roads and highways, airports, tunnels and bridges, and rail projects in metropolitan, rural and remote regions worldwide.



ROADS AND
MOTORWAYS

82,533 km



SUBWAYS AND
RAILWAYS

14,140 km



TUNNELS

3,408 km



BRIDGES AND
VIADUCTS

1,020 km



AIRPORTS

80

KEY SUSTAINABLE MOBILITY PROJECTS



SYDNEY METRO - WESTERN SYDNEY AIRPORT LINE

CLIENT

NSW and Australian Government

LOCATION

Sydney, New South Wales

START/FINISH DATES

2022 – current

SCOPE

Webuild is delivering a Public-Private Partnership (PPP) as part of the Parklife Metro Consortium for the Stations, Systems, Trains, Operations and Maintenance (SSTOM) package includes construction of six stations, a workshop depot for storing and maintenance of trains, and the superstructure, signalling systems and the mechanical and electric systems of the entire line, and the supply of new driverless trains.

Webuild is also part of the project company with Plenary Group, Siemens Mobility and RATP Dev.



NORTH EAST LINK (NEL) TUNNELS PPP

CLIENT

North East Link Authority

LOCATION

Melbourne, Victoria

START/FINISH DATES

2022 – current

SCOPE

Webuild, as part of Spark Consortium, is undertaking the design and construction of twin three-lane tunnels approximately 6.5 kilometres-long and other related works for south portal land and bridge, open space for walking and cycling, new land bridge and simplified interchanges as part of the NEL primary package.

NEL will provide an essential link to the city's freeway network, reducing congestion and travel times.



SYDNEY METRO NORTHWEST PROJECT

CLIENT

NSW and Australian Government

LOCATION

Sydney, New South Wales

START/FINISH DATES

2014 – 2018

SCOPE

Webuild completed the construction of a new metropolitan train line north-west of Sydney, connecting Chatswood station with Cudgegong Road, and the first completely automated high-speed train system in Australia.

Works included design and construction of the "Skytrain" cable-stayed 270m long bridge, one 4.4km viaduct, and other civil works, as well as building eight new stations and 4,000 parking spaces.

This was the biggest public transport infrastructure project delivered in Australia at the time of completion, and the biggest in Sydney since the Harbour Bridge was built almost 100 years ago.

Forrestfield Airport Line Perth, Western Australia



20,000

Passenger trips every day

8.5 km

Total length

50%

Travel time reduced

15,000

Less vehicals on the road daily

8 km

Tunnels with 7m excavation diameter

2,000 tons

CO₂ emissions saved per year

AWARDS:

2023

Earth Award for Project Excellence from the Civil Contractors Federation
Award for Public Architecture from the Australian Institute of Architects
Special Prize for an Exterior in the Passengers Category at the Prix Versailles

2019

Award for Excellence in the Technology and Innovation category from the Western Australia Branch of the Concrete Institute of Australia

ONE OF THE MOST IMPORTANT SUSTAINABLE MOBILITY PROJECTS IN WESTERN AUSTRALIA

The project comprised the design, construction and maintenance for 10 years of the Forrestfield Airport Link, light metro line connecting the eastern suburbs of Perth with the existing suburban rail network as well as the airport.

Webuild and its joint-venture partner NRW Pty Ltd (80% of the joint-venture is held by Webuild), built three stations, twin-bored tunnels, three emergency egress shafts and parking spaces to serve the stations.

BUSINESS AREAS - INFRASTRUCTURE

CLEAN WATER



**PURIFICATION AND
DESALINATION PLANTS**



**WASTEWATER
TREATMENT PLANTS**



**HYDRAULIC
PROJECTS**



**DAMS FOR DRINKING AND
IRRIGATION PURPOSES**

The Webuild Group delivers sustainable solutions across the full asset lifecycle for water projects in Australia, addressing the global challenge of efficient water management.

Webuild is a global leader in the Water infrastructure sector across entire water cycle from water supply for drinking and irrigation purposes, to wastewater treatment.

Globally, up to 5 billion people live in areas at risk of water scarcity, while 2.4 billion do not have access to clean drinking water. We are committed to improving water management in an effective and sustainable way.

Our Group is greatly experienced in building dams for potable and irrigation purposes: i.e. environmental recovery projects and works to adjust waste water management infrastructure, to make them more resilient to the continuously frequent extreme atmospheric conditions, protecting the relevant areas from floods, and preventing that receiving waters are not polluted.

In Australia and Asia Pacific has been delivering innovative solutions to water projects since 1963. With a proven track record of delivering water and wastewater projects in urban and remote regions, Clough has a solid core of experienced personnel and provides design and construct services of a world class level. Capabilities include delivering projects ranging from water processing, desalination plants and dams.

Fisia Italmimpianti, also part of the Webuild Group, is a global leader with over 90 years of experience in the sustainable design and execution of water treatment and desalination plants.

Fisia Italmimpianti provides a full range of services including the complete technological and engineering, design, procurement, construction and operation and maintenance of plants including water desalination, water treatment, sustainable waste management and water desalination through renewable sources.



**PEOPLE SERVED
DAILY BY OUR
DESALINATION
PLANTS**

20M



TUNNELS

3,408

km

KEY WATER PROJECTS



WESTERN CORRIDOR RECYCLED WATER SCHEME

CLIENT

Veolia Water Australia

LOCATION

Queensland

START/FINISH DATES

2021 – 2022

SCOPE

e2o provided project management, engineering and trades supports of mechanical, structural and electrical work.

The initial work package is to restart Luggage Point Train 3. Should the region require additional water, other assets will be restarted in accordance with Government requirements.

The project will deliver 180ML/d of purified recycled water to the Lowood Point of supply for augmentation of supply to Lake Wivenhoe, Queensland.



BEENYUP ADVANCED WATER RECYCLING PLANT STAGE 2

CLIENT

Water Corporation of WA

LOCATION

Beenyup, Western Australia

START/FINISH DATES

2017 – 2020

SCOPE

Clough, in joint venture with Suez, completed the Design, Procurement, Construction and Commissioning for the Stage 2 expansion. Stage 2 included provision of a second process train, similar to the current process plant, and construction of two new balancing storage tanks and related infrastructure for groundwater injection at the recharge sites north of the plant, doubling the plant's capacity to recharge up to 28 billion litres of recycled water each year. 80m x 35m main UF/RO process building, 35m x 30m UV pump room, HV Switchroom.

- 2 x Post tensioned concrete balancing storage tanks
- Supply, Fabrication and Installation of all the UF and RO process modules



MUNDARING WEIR OUTLET WORKS UPGRADE

CLIENT

Water Corporation of WA

LOCATION

Mundaring, Western Australia

START/FINISH DATES

2017 – 2018

SCOPE

Clough completed a design and construction contract for the refurbishment to the existing structure, replacing infrastructure and upgrading the intake and outlet works to enhance the performance of the reservoir:

- Lower minimum operating level in the reservoir by 6.6m.
- Reduce dead storage capacity from 16.7GL to 6.2GL.
- Reduce the surface area of the weir, to reduce annual evaporation by 1.5GL/year. (Volume of 600 Olympic Swimming Pools)
- Extend the asset life of dam pipework and structures.

Woodman Point Water Treatment Facility

Munster, Western Australia

UPGRADING THE LARGEST WATER TREATMENT PLANT IN WESTERN AUSTRALIA

Clough, in Alliance with Jacobs and the Water Corporation of WA, is delivering engineering, procurement and construction for the upgrade of the Woodman Point Water Treatment Facility to enable recovery of up to 100% biosolids and treat 120 tonnes of total dissolved solids per day for industrial and agricultural use, further treated to be used as fertiliser. Another by-product of the treatment process is biogas, which can be used as a source of energy.

100%

Biosolid recovery capacity

120 tonnes

Dried solids treated per day

BUSINESS AREAS - INFRASTRUCTURE

VERTICAL BUILDINGS



CIVIL AND INDUSTRIAL BUILDINGS



HOSPITALS



STADIUMS

With a track record of completing numerous construction projects in the civil engineering, architecture, commerce, industry, culture, healthcare, sports, and religion fields, the Group is well-versed in implementing Eco-Design & Construction strategies that lessen the environmental impact of these projects over their whole lifespan.

Creating environmentally friendly infrastructure is crucial in a rapid urbanisation scenario, to make cities more livable.

The Group has developed significant expertise in implementing of **Eco Design & Construction** schemes throughout the years, which has been crucial in lowering the environmental impact of civil and industrial construction projects over the course of their whole life cycle.

We use low environmental impact raw materials in construction and optimise production and logistics processes to lower energy and water consumption and reduce emissions.

The Webuild Group delivers modern, technologically advanced and energy efficient sporting stadiums. We build stadiums to Global Sustainability Assessment System (GSAS) certification, and Olympic and International Sports specifications.



HOSPITALS

100



STADIUMS

9

KEY PROJECTS



STAVROS NIARCHOS CULTURAL CENTRE

CLIENT

Stavros Niarchos Foundation

LOCATION

Athens, Greece

START/FINISH DATES

2012 - 2016

SCOPE

Designed by the Renzo Piano Building Workshop, Webuild's involvement in the project involved construction of the Greek National Opera (33,000m²) - includes a 1400-seat main theatre and a 400-seat experimental theatre, the National Library (24,000m²) capable of hosting 2,000,000 volumes and a hilltop park (210,000m²).



LIA MANOLIU NATIONAL STADIUM

CLIENT

Romanian Government

LOCATION

Buscharest, Romania

START/FINISH DATES

2007 - 2011

SCOPE

"Lia Manoliu" National Stadium was built as an arena type stadium, with an extremely high capacity of seats, and classified as Category I (International competitions).

Webuild provided rehabilitation and modernization works including: demolition of the existing stadium and construction of a new 55,000 seats arena; platforms, roads, parking areas, alleys, pavements, carriage road accesses, green sports; coupling to the networks of public utilities (water, sewerage, natural gases, electric power, telecommunications); technical spaces (heating station, ventilation station, water management).



ENI MANAGEMENT HEADQUARTERS

CLIENT

Eni Servizi Spa

LOCATION

Milan, Italy

START/FINISH DATES

2017 - 2023

SCOPE

Webuild constructed the new corporate headquarters for Eni. The complex consists of three interconnected buildings, hosting 4,600 employees on an area of 65,000 square metres. Each building is connected via sky-bridges, 85 meters long and weighing 600 tonnes.

The project adopts rigorous energy efficiency and sustainability standards to meet the Gold Leadership in Energy and Environmental Design (LEED) certification.

Al Bayt Stadium

Al Khor, Qatar



A HYPER-TECHNOLOGICAL AND SUSTAINABLE "TENT" IN THE DESERT

The stadium, capable of seating 60,000 spectators, offers an air conditioning system capable of regulating the temperature for both the spectators and the players so events can be scheduled year round despite the extreme climatic conditions.

The stadium's shape, with its almost completely encasing roof, avoids sound being dispersed into the air. Sound is held within the stadium, amplifying fans' chants.

60,000 Spectators

2 x GSAS Certifications Environmental and social

20% Materials from recycled sources

BUSINESS AREAS - INFRASTRUCTURE

DEFENCE



NAVAL
BASES



COMMUNICATION
SYSTEMS



CRITICAL
INFRASTRUCTURE



AIRPORTS

We are committed to delivering critical infrastructure to strengthen Australia's security and Defence capabilities.

The Group's global experience in the defence sector spans the design and construction of Defence buildings, marine facilities, naval bases, communication systems and centres, power, water and wastewater facilities, accommodation and medical facilities, as well as airport infrastructure including runways, airport terminals, control towers and large hangars.

Current defence projects in Australia include the Lombrum Naval Base Development in Papua New Guinea, and the Darwin Ship Lift Facility in Darwin.

Lane Construction, which is based in North America, has a long history constructing sustainable infrastructure to help transform America's military bases. Recent projects completed include the Naval Air Station Oceana in Virginia Beach, Virginia, and Eglin Air Force Base in the western Florida Panhandle. Lane first became involved in defence projects with the construction of US military bases in 1940 during World War II and has since successfully delivered airport projects, maintaining operations during major expansions, renovations, and reconstructions.



AIRPORTS

80

84

YEARS IN DEFENCE
IN NORTH AMERICA

37

YEARS IN DEFENCE
IN AUSTRALIA

KEY PROJECTS



DARWIN SHIP LIFT FACILITY

CLIENT

Northern Territory Government

LOCATION

Darwin, Northern Territory, Australia

START/FINISH DATES

2023 – Current

SCOPE

Engineering, Procurement and Construction of the Darwin Shiplift Facility to meet the current and long-term needs of the Department of Defence and the Australian Border Force.

The Clough BMD joint venture will complete investigation, design, construction, testing, commissioning, certification and handover of:

- a ship lift 26m wide, 103m long and 6m deep, with capacity to lift vessels such as the new fleet of offshore patrol vessels procured by the Australian Defence Force.
- lifting capability of 5,500 tonnes
- wet berths (wharves)
- additional hard stand area for ship repair and maintenance works



NATO BASE IN SINGONELLA

CLIENT

NATO Support and Procurement Agency

LOCATION

Sigonella, Sicily

START/FINISH DATES

2018 – 2022

SCOPE

Since 2014, Host Nation Italy has been responsible for implementing the NATO programme called AGS (Alliance Ground Surveillance), whose purpose is related to aerial surveillance with remotely piloted aircraft (APR). Italy is represented by Geniodife for infrastructural works, and by Stato Maggiore dell'Aeronautica for coordinating operations. This program provides for acquiring 5 "Global Hawk" APR reconnaissance aircraft and building ground equipment for their control.

Webuild completed the design and construction of the expansion of the Ground Operations Area (OPS Area) and the Air Operations Area (Flight Area) of the NATO air base. Scope included construction of 14 buildings (for a total net area of 26,700 square metres) to be used as offices for military use and aircraft/equipment storage, with specific radio/data systems for specialised military air operations.



TYNDALL AIRFORCE BASE REBUILD

CLIENT

U.S. Army Corps of Engineers

LOCATION

Panama City, Florida, USA

START/FINISH DATES

2022 – Current

SCOPE

In 2018, Hurricane Michael, a Category 5 storm, hit the base. Every Tyndall Airforce Base (AFB) facility was damaged to some degree from the 155-mph winds, storm surge, and heavy rainfall. Recently built structures, historical facilities, and infrastructure, including utilities, roads, and pavement, were impacted. This contract and other programmed projects will make the base more resistant to storm damage in the future.

Webuild's USA subsidiary, Lane completed the Two-Phase Design and Construction Site Development and Utilities Phases I and II contract as part of a larger multi-billion AFB recovery plan taking place over the next five to seven years. The package consists of roadways, fencing, lighting, parking, water, wastewater, electrical, storm water, communications, fire protection infrastructure and other related works.

Tyndall AFB is home to the 325th Fighter Wing of the United States Air Force.

Lombrum Naval Base Manus Province, Papua New Guinea

65,000 m²
Total area

LEED Gold Certification

Designed to achieve LEED Gold certification for high energy efficiency

ENHANCING THE SOVEREIGN CAPABILITIES OF PAPUA NEW GUINEA

Clough, as head contractor, is currently completing the construction of the Lombrum Infrastructure Project.

Developed and agreed in consultation with the PNGDF and designed to benefit the local community, the scope of the Lombrum Infrastructure Project, includes the construction, support, maintenance, and repair services of the Lombrum Naval Base.

BUSINESS AREAS

CLEAN HYDRO ENERGY



**DAMS FOR ENERGY
PURPOSE AND
HYDROELECTRIC PLANTS**



**PUMPED
STORAGE**



**COMBINATION
POWER
GENERATION**



**TRANSMISSION
& DISTRIBUTION**

Together, Webuild and Clough are delivering some of the largest hydropower projects in Australia as part of our commitment to a more sustainable future.

The Group is the main player in the hydroelectric industry, globally, boasting solid experience both in building technologies (concrete, RCC, loose materials) and environmental contexts.

As one of the world's least expensive and most dependable and consistent renewable energy source, hydro-electricity, is an effective solution to our transition towards a low carbon future.

The Group's current hydroelectric projects will allow a production of over 14,000 MW of power, providing tens of millions of people worldwide with affordable, clean energy.

Clough, and a predecessor of Webuild, were both involved in the development of the Wivenhoe Dam and Power Station, a hydroelectric storage and pumping station project constructed in Queensland in the 1980s – its first hydropower project.

Currently, Webuild, Clough and Lane (both part of Webuild Group), are working with Snowy Hydro to deliver the iconic Snowy 2.0 Pumped Hydro Project in New South Wales.

Works like the Grand Ethiopian Renaissance Dam, which once completed will stand as Africa's largest, and will avoid creating over 2 million tonnes of CO2 each year, or the Snowy 2.0 hydroelectric project in Australia, which will serve 500,000 homes during peak demand, both fully represent the Group's strong commitment and capacity in this sector.



**INSTALLED
CAPACITY**

**52,900
MW**



**DAMS AND
HYDROELECTRIC
PLANTS**

313

KEY PROJECTS



YACIRETÁ HYDROELECTRIC POWER PLANT

CLIENT

Entidad Binacional Yaciretá

LOCATION

Paraguay

START/FINISH DATES

2021 – Current

SCOPE

Civil and electromechanical works to install three additional Kaplan turbines to increase installed capacity of the existing plant by 270MW for an average annual energy output of 1,700 GWh. The dam, constructed by Webuild in 1998, measures ~70 km in length and stretches for 18.7 km across the Argentinian and Paraguayan sides of the Paraná river. The dam's reservoir has a surface area of 1,600 km², and total volume of water of 21 billion m³. The powerhouse currently houses 20 Kaplan turbines for a total installed capacity of 3,200 MW.



KOYSHA HYDROELECTRIC PLANT

CLIENT

Ethiopian Electric Power

LOCATION

Ethiopia

START/FINISH DATES

2016 – Current

SCOPE

Webuild is delivering the construction of a 170 metre-high and 1 kilometre-long RCC gravity dam, with an 8 billion m³ capacity reservoir within the dam body that leads to an above ground power station housing 8 x 270 MW Francis Turbines, concrete spillway on the left side of the valley and two culverts to divert the river flow during the construction of the dam on the right side. The plant will have an installed capacity of 2,200 MW for an annual production of 6,460 GWh and the dam will be the fourth along the Omo River.



GRAND ETHIOPIAN RENAISSANCE DAM

CLIENT

Ethiopian Electric Power Corporation

LOCATION

Ethiopia

START/FINISH DATES

2010 – Current

SCOPE

Webuild is delivering the construction of an RCC main dam, ancillary dam, two hydroelectric powerhouses with total installed capacity of 5150 MW and expected output of 15,700 GWh/year; a concrete surface spillway with a capacity of 15,000 m³/s, a 5km long saddle dam built in rockfill with an overall volume of 15.3 million m³ and ancillary works. The dam will be the largest in Africa at 1,800 meters long, 170 meters high and with an overall volume of 10.7 million m³.

Snowy 2.0

New South Wales, Australia

A TUNNEL SYSTEM FOR THE CONSERVATION OF HYDROELECTRIC ENERGY

Snowy 2.0 will increase the generating capacity of Snowy Mountains by 2,200 megawatts (MW), which currently produces over 4,000MW. This pumped hydroelectric plant will use turbines to produce electricity through the reuse of water. The existing Tantangara and Talbingo dams will be connected via underground tunnels and a hydroelectric power plant located underground.

10 million tons
of annual CO₂ emissions

485,000 m³
Complex excavations for power plant

500,000
homes served by Snowy 2.0, simultaneously

29 km
Tunnel excavation with TBMs

THE FULL SPECTRUM OF ENGINEERING SERVICES



ENGINEERING

We use advanced technology and over 100 years of engineering and construction expertise to deliver a full suite of engineering services across the entire asset lifecycle, from concept and feasibility studies through to design, delivery, and long-term production operations and optimisation.

Our engineers design with a construction mindset to maximise safety, cost, quality and productivity outcomes during the construction and operations phases of a project.

Engineering services are incorporated into three delivery solutions:

- **Consulting Services** cover all asset planning, optimisation and sustainability solutions including concept, feasibility and select studies, basis of design, safety in design, geospatial services, process and plant optimisation and debottlenecking.
- **Multidiscipline Engineering** supports asset definition and execution planning requirements and includes FEED and detailed design services across process, mechanical, piping, pipeline instrumentation, electrical, civil and structural engineering disciplines.
- **Engineering and Project Management** covers all engineering requirements during the execution phase of a project including project management, project, field and package engineering, procurement support, cost estimating, constructability analysis and safety reviews.



- PROCESS
- MECHANICAL, PIPING & PIPELINES
- ELECTRICAL, CONTROL & INSTRUMENTATION
- CIVIL & STRUCTURAL
- GEOSPATIAL SERVICES (GIS)

OUR CAPABILITIES

- Concept Evaluation
- Regulatory Approvals
- Project Feasibility Studies
- Basis of Design
- Front End Engineering Design
- Detailed Design
- Specialised Process Engineering Design
- Engineering, Procurement, Construction and Project Management (EPCM)
- Project Management Consultant and Services
- Process Optimisation and Debottlenecking
- Brownfield Engineering
- Electrical Controls and Instrumentation (EC&I)

KEY PROJECTS



PAPUA LNG UPSTREAM PRODUCTION FACILITIES FEED

CLIENT
TotalEnergies

LOCATION
Papua New Guinea

START/FINISH DATES
2022 - 2023

SCOPE
Clough, in joint venture with Technip Energies provided FEED for upstream production facilities that cover the development of the Elk and Antelope onshore gas fields including well pads and the central processing facility. It also incorporates a carbon capture and sequestration (CCS) scheme to remove the fields' native CO2 and reinject it into the reservoirs.



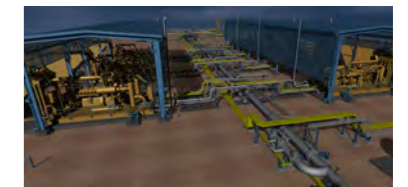
ENGINEERING SERVICES AGREEMENT - POWER

CLIENT
Woodside Energy

LOCATION
Western Australia

START/FINISH DATES
2009 - 2016

SCOPE
Clough provided a broad range of services in support of Woodside's OPREP project development framework with multidiscipline studies provided at the assess, select and detail stage of engineering development. Electrical engineering FEED including power generation, solar, transmission, BESS and control of entire new grid feeding into new customer base.



ARROW UPSTREAM FEED

CLIENT
Arrow Energy

LOCATION
Queensland

START/FINISH DATES
2014 - 2016

SCOPE
Clough Wood was contracted by Arrow Energy to provide a FEED for the full upstream development for Arrow CSG to LNG development. Includes gathering, field compression, central compression and associated pipelines and infrastructure.

REALISING YOUR EPC VISION

CONSTRUCTION

We deliver a comprehensive range of construction solutions to diverse clients, adapting our services to cater for projects of all sizes, environments and complexities, from fully integrated EPC to Design and Construct and Construct-only solutions.

Safety underpins all construction activities and is never compromised. Valyou Safety Builders program behavioural based training, major accidents and events risk management programs, and a leading indicator focus to deliver industry leading performance.

We are at the forefront of innovation and aim to deliver our projects with net-zero construction solutions by embedding sustainability in every phase of the construction process.

Construction services are supported through disciplined project execution methodologies, sophisticated project reporting systems and over 100 years of project management experience. We have more than 70 years' experience in joint venture and alliance contracting, resulting in a company culture that understands, embraces and integrates with valued partners to deliver outstanding solutions for clients and stakeholders in complex environments.

Every project is equipped with highly qualified and experienced project delivery professionals who are trained in our systems and project execution methods.



- PROCESS FACILITIES
- POWER GENERATION
- COMPRESSION FACILITIES
- PIPELINES
- WATER AND WASTE WATER FACILITIES
- CIVIL INFRASTRUCTURE
- ROADS AND BRIDGES
- CAMPS
- FABRICATION
- CONTROL SYSTEMS
- NEAR SHORE MARINE

OUR CAPABILITIES

- Fully integrated EPC
- Procurement
- Fabrication
- Design and Construct
- Construct-only
- Integrated partnerships and alliances
- Structural, Mechanical and Piping
- Electrical and Instrumentation
- Complex Civil and Structures

KEY PROJECTS



WAITISIA GAS PROJECT STAGE 2 DEVELOPMENT

CLIENT
Waitisia Joint Venture

LOCATION
Western Australia

START/FINISH DATES
2021 - Current

SCOPE
Clough is delivering the engineering, procurement, construction and commissioning of the Waitisia Gas Project. The Waitisia gas field is ranked one of the largest gas fields ever discovered onshore in Australia and it is expected to bring significant economic benefits to the Mid-West region from both construction and operating phases.



PORT MORESBY (POM) POWER STATION

CLIENT
NiuPower

LOCATION
Port Moresby, Papua New Guinea

START/FINISH DATES
2017 - 2019

SCOPE
Clough, in joint venture with Wartsila, provided engineering, procurement, and construction for the development of the POM Power Station near Port Moresby in Papua New Guinea. The POM Power Station uses natural gas supplied by the PNG LNG project to feed six high efficiency Reciprocating Gas engines and generators.



PNG EARTHQUAKE REMEDIATION WORK

CLIENT
Oil Search Limited (OSL)

LOCATION
Kutubu Region, Papua New Guinea

START/FINISH DATES
2018 - 2020

SCOPE
Clough completed bulk removal of material following landslides after an earthquake in 2018, design and installation of Moran Forward Security Base and the Moro Potable Water Tank, repair works to a well pad, bridge re-construction and road repair and maintenance along the Kutubu Access Road (KAR), a public road from the Highlands Highway from Lae.

A SEAMLESS TRANSITION FROM CONSTRUCTION TO OPERATIONS

COMMISSIONING

Our extensive commissioning expertise offers clients a seamless transition from construction to operations, enabling a safe and orderly asset handover, while minimising the risk of production downtime.

Our commissioning teams plan for commissioning requirements across the entire project lifecycle, from conceptual and detailed design through to procurement, construction, start up and handover.

We identify and schedule commissioning requirements early, enabling timely detection and intervention on potential schedule delays. We also work with clients to ensure commissioning procedures are developed in line with operating needs.

Our commissioning services are supported by sophisticated commissioning systems and professional resources.

We have access to an extensive international database of blue-collar resources that check, inspect and test every operational component of the asset prior to handover. Our skilled workforces are equipped with local knowledge in the delivery of commissioning projects. Our world class project management capabilities support our commissioning systems and commissioning project execution.



- ENERGY: POWER, ENERGY TRANSITION / RENEWABLES, OIL AND GAS
- INFRASTRUCTURE: COMPLEX TRANSPORT (RAIL & ROADS), WATER AND WASTEWATER FACILITIES
- RESOURCES

OUR CAPABILITIES

Completion Services

Hook-Up Services

Onshore and Offshore Pre-Commissioning and Commissioning

Supply of Technical Trades

Hazardous Area Inspection

KEY PROJECTS



AUSTRALIA PACIFIC LNG (APLNG) COMMISSIONING SUPPORT

CLIENT
Origin Energy

LOCATION
Surat and Bowen Basin

START/FINISH DATES
2012 - 2016

SCOPE
E2o provided Commissioning input throughout all phases of FEED, construction, completion, commissioning and handover, and a full CCMS package with 'RapidMap' a unique 2D interface which overlays data for geographical area, GIS mapping, satellite imaging, project look ahead against P6 schedules and actual completion data in real time.



WHEATSTONE PROJECT HOOK-UP AND COMMISSIONING

CLIENT
Chevron Australia

LOCATION
200 kilometres north of Onslow, Western Australia, Australia

START/FINISH DATES
2012 - 2018

SCOPE
Clough provided an independent commissioning team to assist the client with pre-commissioning, commissioning of integrated float over deck systems, offshore hook-up, and start-up assistance.



ICHTHYS IPMS, HOOK-UP AND COMMISSIONING

CLIENT
INPEX

LOCATION
Western Australia, Australia

START/FINISH DATES
2011 - 2019

SCOPE
Clough, in joint venture with DORIS, provided Offshore Integrated Project Management Support Services (IPMS) for the Ichthys LNG project.

The project involved overseeing detailed engineering design, procurement, fabrication, tow to site, and offshore hook-up of the Central Processing Facility (CPF) and Floating Production, Storage and Offloading vessel (FPSO).

ASSET OPTIMISATION

BROWNFIELDS

We provide comprehensive asset lifecycle services that are designed to meet our client's specific needs and maximise the life and profitability of operating assets while minimising facility downtime.

OPERATIONS AND MAINTENANCE

Through our asset services business, e2o, we provide comprehensive asset lifecycle services that are designed to meet our client's specific needs and maximise the life and profitability of operating assets while minimising facility downtime.

Our methodology provides exceptional results to our clients, whether it is a single scope of work for turnarounds and brownfield construction, to large scale operations and maintenance.

Our asset management solutions were developed to address availability, reliability, efficiency and lifecycle costs, ensuring our clients maximise the value of their assets in a safe and efficient way.

These solutions include production engineering, operational readiness, asset management, shutdowns and general maintenance planning and execution, and decommissioning. We have a track record of successfully executing major shutdowns, turnarounds and maintenance programs for onshore and offshore oil and gas facilities.

BROWNFIELD EPC

We provide complete EPC services for small through to mid-scale projects, with an enviable track record of delivering projects and modifications that enhance production and increase capacity.

Our complete service covers all facets of the asset life cycle from developing concepts and engineering the solution, through procurement, construction and commissioning then handover to operations. Our service draws on the expertise of our core capabilities with well-developed processes that integrate each stage seamlessly to deliver an end-to-end solution.



- LNG FACILITIES
- POWER STATIONS
- WATER AND WASTE WATER FACILITIES
- MINERAL PROCESSING
- PETROCHEMICAL PLANTS

OUR CAPABILITIES

- Technical Due Diligence
- Operational Readiness
- Hazard, Debottlenecking and Root Cause Analysis
- Service Operations
- Turnaround Planning, Engineering & Execution
- Structural, Mechanical, Piping, Electrical & Instrumentation
- Removal and recycling
- Valve and Flange Management
- Tank and Vessel Repair
- Hydro Blasting
- Chemical Cleaning and Flushing
- Surface Protection & Repairs
- Quality Assurance Services & NDT
- HSE Services
- Specialised Electrical Compliance
- Supply of Maintenance Trades
- Shutdowns and Turnarounds

KEY PROJECTS



BAYU-UNDAN OPERATIONS AND MAINTENANCE

CLIENT
Santos

LOCATION
Timor Sea

START/FINISH DATES
2004 - Current

SCOPE
Clough, in joint venture with Wood have been providing operations and maintenance services for the Bayu-Undan facilities consisting of a floating storage, offloading facility and three fixed platforms since 2004.



LIHIR GOLD MINE SHUTDOWN MAINTENANCE

CLIENT
Newcrest

LOCATION
Lihir Island, Papua New Guinea

START/FINISH DATES
2022 - 2023

SCOPE
e2o completed a contract to prepare, plan, schedule, execute, close out and improve the Site's Electrical and Instrumentation and Grinding and Flotation components of the major planned shutdowns for a three-year minimum term. The shutdown execution works involve planned maintenance work, corrective work and project improvement works.



BUNDEBERG COMMON USER INFRASTRUCTURE PROJECT

CLIENT
Sugar Terminals Limited

LOCATION
Bundaberg, Queensland

START/FINISH DATES
2022 - 2023

SCOPE
e2o provided supply, construction and commissioning of the structural, mechanical, electrical, instrumentation and control of a permanent conveyor system to increase the capacity of the currently underutilised port, improve its loading facilities, and help attract new businesses to the local Bundaberg area.



SAFETY

We have adopted a prevention and protection system for all operational activities to ensure the protection and wellbeing of all Webuild employees and third parties working in our offices and on our construction sites.

Effective management of safety is guaranteed by dedicated staff working to assess the risks, plan and implement training activities, actively involve all direct personnel and subcontractors and monitor all activities on every construction site.

Over the years, by adhering to our Health and Safety at Work Management System, certified in compliance with the standard UNI EN ISO 45001, Webuild has achieved successful results, including raising considerable awareness among its employees on safety topics, a significant reduction in accidents at work, the prevention of industrial illnesses and a considerable reduction in insurance and compliance costs.

VALYOU SAFETY BUILDERS PROGRAM

Our achieved results are due to the ongoing support for initiatives aimed at fostering a safety culture in all workplaces, such the critically acclaimed Valyou - Safety Builders Program - our internal leadership and safety program. The program has reached a total of **over 11,800 people involved** in the cultural change process since its inception in December 2017.

valyou
Our Health and Safety Way

+2 million

hours of safety training undertaken since 2020

668,000

hours of safety training undertaken in 2023

+440,000

safety briefings occurred globally, 2021-2023

11,800

people through our Safety Builder Program since its inception

18

pilot safety innovation projects in progress

10

Zero Harm Projects completed by Clough

WE PROMOTE A SUSTAINABLE WORLD



Webuild is well-positioned to take advantage of the challenges and opportunities presented by the trend towards net zero objectives and sustainable infrastructure investments.

It is primarily driven by a core business that is specifically focused on the development of infrastructure that directly advances the main objectives of sustainable development and the transition towards a low-carbon economy.



OUR SUSTAINABILITY MANIFESTO

We have formalized our 5-pillar commitment to sustainability in our 5P Sustainability Manifesto.



- PLANET**
We protect our planet
- PEOPLE**
We care for our people
- PARTNERS**
We spark partnership
- PROGRESS**
We inspire progress
- PROSPERITY**
We share prosperity



46.5 M
people served under Sustainable Mobility



23.4 M
people served under Clean Hydro Energy



16.3 M
people served under Clean Water



6.8 M
people served in Green Buildings

ESG RATINGS:

- MSCIESG: AA rating
- CDP Climate: A- rating
- ISS ESG: B-Prime rating
- Moody's ESG: Advanced rating
- MIB ESG Index

INDICATORS AND REWARDS

- Europe Climate: Leaders 2023
- Italian Sustainability: Leaders 2023 top 200
- 2023 More Climate-conscious: Company

DIVERSITY AND INCLUSION

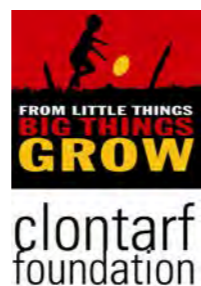
SUPPORTING RECONCILIATION AND LOCAL COMMUNITIES

Our vision for reconciliation is to enable equal participation for Aboriginal and Torres Strait Islander Peoples across the nation—building projects we deliver. We will achieve this by delivering meaningful opportunities and pathways to employment, enhancing supplier diversity, and fostering a workforce and environment that embraces, respects, and celebrates the diverse cultures of First Nations Peoples.

Our membership with Supply Nation ensures we can support Indigenous procurement.

Supported by Clough's Reconciliation Action Plan (RAP) journey which began in 2020, as a Group we are currently delivering our third Innovate RAP which incorporates all our businesses in Australia.

We provide sustained benefits to the local communities in which we operate by establishing partnerships and sponsorships to support initiatives aligned to our five pillar corporate social responsibility strategy. Since 2014, we have donated more than \$3M to community organisations that align to the pillars of sustainability, indigenous engagement, diversity, healthy communities, and children & youth. Our support has enabled almost 15,000 indigenous children to participate in Clontarf Foundation and Stars Foundation programs.



DIVERSITY AND INCLUSION

We are committed to building a workforce that reflects the communities in which we work and live. To us, workplace diversity means creating an inclusive environment that accepts every person, embraces their differences, and provides opportunities for all to achieve their full potential.

We are a proud recipient of the Employer of Choice for Gender Equality citation by WGEA for the third period in a row, a recognition that only a couple of construction companies hold.

In addition, we are a WORK180 Endorsed Employer for All Women, a partner of Pride in Diversity as LGBTQIA+ allies, an active member of CEOs for Gender Equity, and guided by our Reconciliation Action Plan, we are committed to providing meaningful training and employment opportunities to deliver positive outcomes for Aboriginal and Torres Strait Islander Peoples.



SUPPORTING VETERANS OF THE DEFENCE INDUSTRY

Our operations are backed by the skills and values of veterans from all walks of life across the Army, Navy, Air Force, First Responders, and Cadets.

We are proud signatories of the Veterans Employment Commitment.



SUPPORTING OUR COMMUNITIES

SUPPORTING COMMUNITY SPORTS

Webuild is a proud partner of the Dolphins NRL Mini League, a community initiative aimed at fostering youth sports participation and providing impactful experiences for children in Brisbane.

Through the Webuild Match Day Mini League, local under 8s teams from across Queensland can play at Suncorp Stadium at one of the Dolphins' home games. This initiative is a testament to the club's commitment to community engagement, inspiring the next generation of athletes and fostering a love for the game.



INSPIRING THE NEXT GENERATION OF STEM PROFESSIONALS

We are committed to engaging and inspiring the next generation of Science, Technology, Engineering and Mathematics (STEM) professionals. We deliver a range of initiatives and opportunities to increase awareness about the endless possibilities a career in engineering and construction can create.

Our STEM Program aims to spark the curiosity of future talent by engaging with primary and high school students, teachers and university students. As part of our commitment to STEM, in Queensland we have:

- Awarded STEM scholarships through universities across Australia, including the University of Queensland
- Sponsored the Main Stage of the City of Science as part of the World Science Festival Brisbane (WSFB). Webuild also participated in the World Science Festival Queensland (WSFQ) program in Toowoomba
- Held Future Engineers open days for students in years 9-12 since 2021





webuild 

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