clough webuild group

e2o webuild group

webuild

Stadiums

The Webuild Group delivers modern, technologically advanced and sustainable sporting stadiums.

By using Eco Design and Construction schemes, we reduce the environmental impact of our stadiums throughout their entire life cycle, as well as during construction.

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, comprised of Webuild, Clough, and e2o in Australia, is a leading global project delivery company.

Webuild, founded in Italy in 1906, specialises in the construction of large, complex projects for sustainable mobility, hydropower, water, and green buildings.

Clough, founded in Australia in 1919, delivers engineering and construction solutions for the energy, resources and infrastructure industries.

STADIUM CAPABILITIES

- **Engineering, Procurement and Construction**
- **Eco Design & Construction practices**
- **Use of low environmental impact materials reduce environmental footprint**
- **Stadiums built to Global Sustainability Assessment System (GSAS) certification**
- **Energy efficient structures**
- **Technological innovations**
- **Built to Olympic and International Sports specifications**

9 Stadiums
completed over 3 continents

"G. Meazza" Stadium

Known as "The Football Temple", is the largest stadium in Italy, and one of the top 20 largest stadiums in the world

Originally built in 1925, the stadium was completely renovated for the World Cup, with increased capacity and a transparent roof that covers the entire stadium (excluding the field), made possible by constructing a third terraced ring supported by 11 reinforced concrete cylindrical towers.

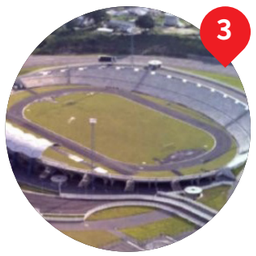
Milan, Italy
50,500 m³
85,000
1987 - 1990

Olympic Stadium

One of the world's largest, hosted the 1990 World Cup, Golden Gala Athletics, and International (Six Nations) Rugby

Engineering, procurement and construction to rennovate roof and increase capacity. The stadium was nearly entirely rebuilt in reinforced concrete, covered with a white tension structure, with curves positioned nearer to the field.

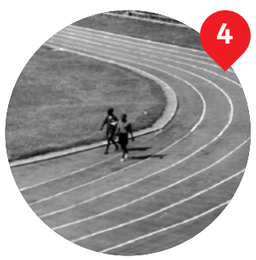
Rome, Italy
89,950 m³
82,000
1987 - 1990



L'Aquila Rugby Stadium

Construction of a sports complex comprising two covered stands, parking lot and surrounding roads, installation of equipment and systems, and completion of thermal, water and electric plants.

L'Aquila, Italy
9,200
1998 - 2000



Omnisport Stadium

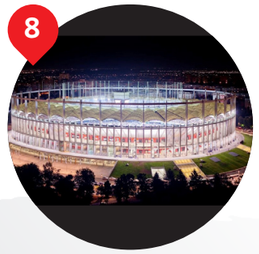
A multi-purpose stadium named after Omar Bongo (1967-2009 President of Gabon)

Libreville, Gabon
30,000
1980

National Stadium

A multi-purpose stadium with Olympic-size swimming and multi-sports arenas

Lagos, Nigeria
45,000
1972



Lia Manoliu National Stadium

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).

Bucharest, Romania
80,000 m³
60,120
2007 - 2011

Al Bayt Sports Stadium

A hyper-technological and sustainable "tent" in the desert and one of the largest in the world

A large stadium constructed to host the 2022 FIFA Football World Cup matches, scope also included an auxiliary building for security and administrative part of the system, and the centre that houses the electromechanical and distribution.

Al Khor, Qatar
283,919 m³
60,000
2015 - 2021

Sport Complexes

Hosted the 1995 South East Asian Games

Upgrade of existing complex with increased capacity, football field, and international certified 8-lane athletics track. Construciton of new complex with 150 m Olympic swimming pool with 10 m diving platform, indoor gyms with a 1,000 spectator seating capacity that can be extended to 3,000, and four tennis courts.

Songkla, Thailand
45,000 m³
20,000
1996 - 1998

Sport Complex

Hosted the 1995 South East Asian Games

Design and construction of stadium that includes Internationally certified athletics track, Olympic 50m swimming pool with a 10m diving board, indoor gymnasium and 12 tennis courts plus one central court with seating capacity of 1,000

Chiang Mai, Thailand
55,000 m³
20,000
1993 - 1995

Concrete volume (m³) | Stadium capacity (spectators) | Construction period

CASE STUDY:

Al Bayt Stadium

A hyper-technological and sustainable "tent" in the desert

CLIENT	Aspire Zone Government Foundation
LOCATION	Al Khor, Qatar
START/FINISH DATES	2015 – 2021

A tent in the desert, capable of seating 60,000 spectators with an area of 200 thousand square meters; an auxiliary building for security and administrative part of the system, and the centre that houses the electromechanical and distribution will also be constructed. This was the great vision behind the construction of Qatar's Al Bayt Stadium: one of the most innovative structures, from an architectural and technical point of view, to host the 2022 FIFA Football World Cup matches.

The stadium, located in Al Khor, 40 km north of Doha, just a few kilometres off the coast, is currently considered to be one of the largest sports projects in the world.

It was constructed to have both commercial and recreational activities, making its development sustainable in "non-event" mode. 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.

The project has highly innovative technical and engineering aspects: in particular, the solutions adopted to provide ideal climatic conditions both for the players and for the spectators in an environment with high temperatures and extreme temperature changes. It is an example of sustainable project developed thanks to modern construction techniques and the use of environmentally friendly and low energy impact advanced materials.

The Stadium meets international standards and FIFA's planning and regulatory standards.

SUSTAINABILITY KPI

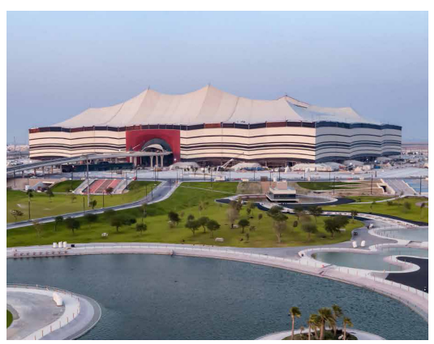
Low-impact construction materials used

Low energy consumption due to tent-shape design

The project recived a Class A* rating from GSAS, Global Sustainability Assessment System

2 certifications GSAS*

Best Practice Project in Sustainability



TECHNOLOGICAL INNOVATION

The stadium boasts 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.

In addition, the coordination of the various disciplines involved will be realised through modern technology such as BIM in order to ensure the project's organised development.

The project adopts the Global Sustainability Assessment System (GSAS), the first integrated system for assessing the sustainability of Middle East construction activities, covering both environmental and social issues along the entire life cycle of each project.

60,000
spectators

200,000 m²
stadium area

20%
materials from recycled sources

TECHNICAL/PRODUCTION KPI

286,000 m³
total concrete volume

52,000 TONS
total steel for reinforced concrete

30,000 TONS
total steel for covering

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 and Social Traders 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.

$76.7 MILLION

Spent with Aboriginal and Torres Strait Islander businesses in FY 2024/25

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 in Australia 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.

SCAN TO READ OUR RAP

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, active members of CEOs for Gender Equity and the National Association of Women in Construction (NAWIC), and Empowered Women in Trades (EWIT) Alliance members, 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

Veteran Employment Supporter

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.

SAFETY

Zero Harm is a reality. Since 2017, ten Clough projects have been delivered with **zero recordable injuries** and **zero environmental impacts**. Since 2020, annually, Webuild has invested more than €500 million, and over two million hours into Health and Safety Training.

+2 MILLION

Hours invested annually in health and safety training

10

Zero harm projects completed by Clough

+16,000

people through our Safety Builder Program since 2017

We contribute to advancing the United Nations' Sustainable Development Goals (SDGs) with our Stadium projects.

OUR AUSTRALIAN PRESENCE

GROWING LOCALLY

Webuild's experience in Australia dates back to the 1970s when we built the Melbourne Underground Rail Loop (now known as the City Loop).

In 2023, Webuild acquired Clough, a 105-year old Australian project delivery company that delivers engineering and construction solutions for the energy, resources and infrastructure industries. Clough's workforce of over 3,000 people across Australia and Asia Pacific have strengthened Webuild's local capabilities, and supported our strategic growth in the region.

OUR ACTIVITIES

We are currently delivering over $17.3B AUD of projects across Australia. The projects include the North East Link Primary Package in Victoria (Australia's largest Public Private Partnership), the Sydney Metro – Western Sydney Airport Metro Line Stations, Systems, Trains, Operations and Maintenance (SSTOM) Package, and Snowy 2.0 in New South Wales, Darwin Ship Lift Facility in the Northern Territory, and the Woodman Point Water Treatment Facility, Project Ceres Urea Plant, Dampier Bulk Handling Facility, and Waitsia Gas Project Stage 2 in Western Australia.

Recent completed projects include the Forrestfield Airport Link in Western Australia, and the Sydney Metro Northwest Skytrain Bridge in New South Wales.