



# WATER

Capability & Experience



UGL is Australia's trusted tier-one contractor, delivering end-to-end solutions from design and procurement to construction, testing, commissioning, operations, and maintenance, across power, water, transportation, resources, utilities, communication, and Defence sectors.

UGL's core principles of integrity, accountability, innovation, and delivery, supported by safety, are essential to their business approach. These values drive growth, employee development, and client success.

integrity  
accountability  
innovation  
delivery

**SAFETY**





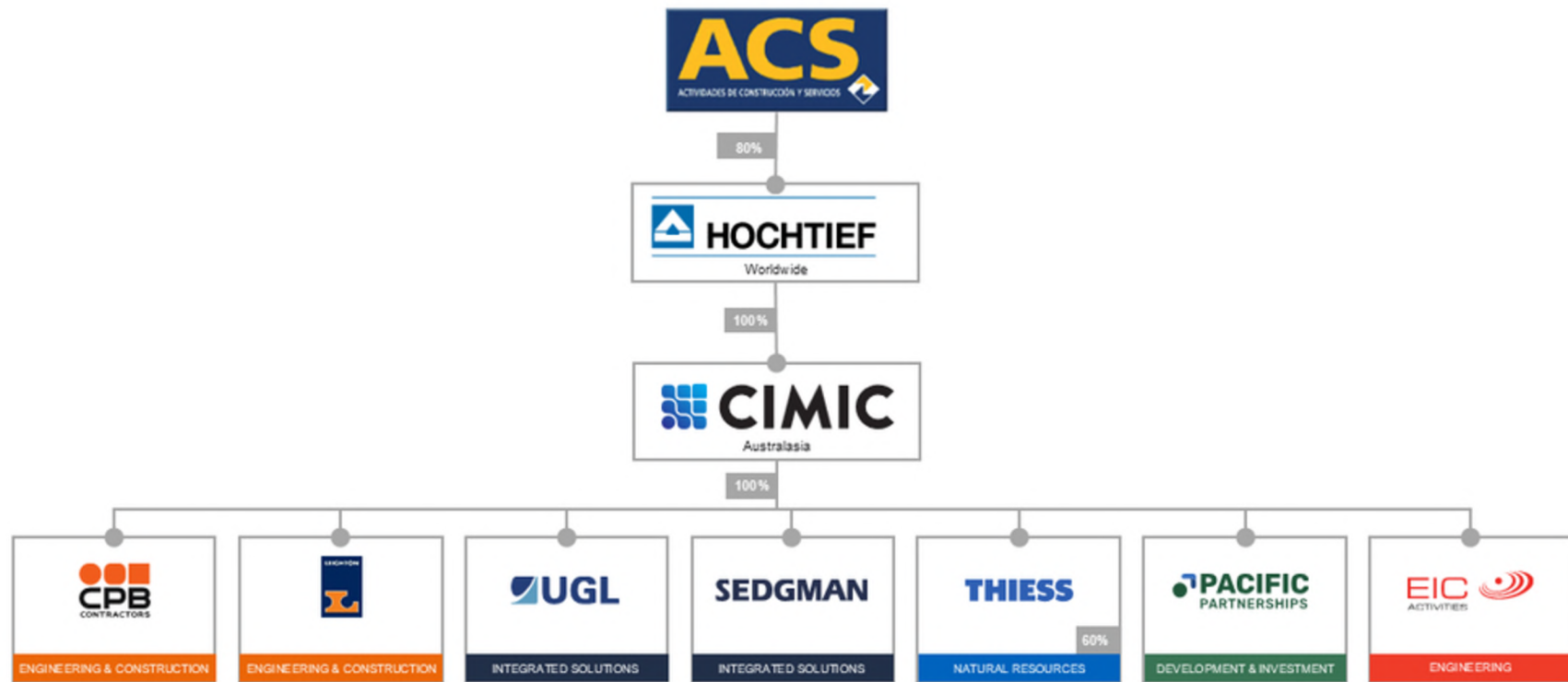
UGL has a long and rich history  
in delivering essential water  
infrastructure solutions across  
Australia and nearby regions.

**Water stats  
at-a-glance**

**85+**  
years in the  
water business

---

**100+**  
water projects  
delivered



As part of the world's largest infrastructure contracting group, UGL benefits from the collective expertise and global reach of the ACS Group. This strategic affiliation not only strengthens our technical capabilities but also positions us to deliver innovative, scalable power solutions across multiple regions.

ACS is a global civil engineering and construction group listed on Spain's IBEX 35. Ranked as the number one international contractor. ACS companies include Dragados, HOCHTIEF, Iridium and Clece. Operations span Asia, North America, Australia, Europe and South America.

## UGL's capacity

Employees

>11,000

External  
workforce

>20,000

Professional  
design engineers

>800

Safety  
conversations  
per year

>32,000





# our expertise

UGL has a long-standing reputation for delivering critical water infrastructure solutions, built on more than 85 years of experience. Our extensive expertise spans the entire water value chain, from municipal systems and industrial process water to resource applications. Guided by core values such as integrity, accountability, innovation, and delivery,

Our approach ensures that every project is executed with precision and a relentless focus on safety. This heritage of excellence has enabled us to adapt and thrive in a rapidly evolving sector, meeting the demands of urban growth and environmental stewardship head on.

## Our water projects over the last decade



# Flexible delivery models

Alliance/Incentive Contracts

---

Relationship Contracts

---

Lump Sum Contracts

---

Build Own Operate (BOO)

---

Design Build Operate (DBO)

We welcome the opportunity to discuss the details further and to collaboratively work with the client's team to agree on a model that is more beneficial to the project.

## **COMPREHENSIVE WATER INFRASTRUCTURE SOLUTIONS**

UGL offers complete water infrastructure solutions covering the entire water value chain, from design to long-term operations. Utilising advanced process engineering and membrane technologies, we tailor approaches for municipal water supply, wastewater treatment, industrial process water, and desalination. This comprehensive method minimises risk and enhances efficiency, addressing challenges related to water scarcity, quality standards, and sustainable resource management.

## **EFFICIENT PROJECT DELIVERY & LIFECYCLE MANAGEMENT**

Our comprehensive project delivery framework ensures seamless execution throughout the project lifecycle. With a dedicated multidisciplinary team and streamlined procurement, we handle everything from engineering and digital modeling to construction, commissioning, and maintenance. By integrating proactive maintenance and real-time monitoring, UGL delivers projects on time and within budget, maximising long-term asset value.

## **INNOVATIVE TECHNOLOGIES & SYSTEMS INTEGRATION**

UGL advances water technology through system integrations and digital innovation, using cutting-edge treatment methods to optimise performance and resource efficiency. Strategic partnerships with top technology providers allow for intelligent control systems and data-driven solutions, ensuring adaptable water solutions for clients to meet emerging trends and needs.





## INTEGRATED TEAMS

Our success begins with our people.

Our in-house team brings together experts from across disciplines, fostering a collaborative environment that drives innovation and ensures seamless delivery on every project.

The corporate size of UGL also ensures that we have the depth of resources and backup support required to deliver water projects successfully.

This commitment to teamwork is a cornerstone of our approach to all projects we undertake.

## ONE HSE CULTURE

Safety, health, and environmental stewardship are at the heart of everything we do.

Our One HSE Culture unifies our approach across all operations, ensuring that every project not only meets but exceeds industry standards. It also means creating a culture where individuals are encouraged to take personal responsibility, empowered to speak up and supported by teams that understand and believe in the central importance of health and safety.

This commitment to safety and sustainability supports both our teams and the communities we serve.



## **ROBUST PROCUREMENT & SUPPLY CHAIN MANAGEMENT**

We leverage a streamlined procurement and supply chain process to ensure efficiency and reliability throughout our projects.

By maintaining strong relationships with suppliers and optimising our logistics, we secure the best materials and services, keeping projects on track and cost-effective.

It is our culture to proactively manage the manufacturing process with our supplier. We allow for adequate quality inspection and testing as a means of ensuring certainty of outcome in the procurement process for all our projects.

All our procurement processes starting from the request for quotation, order placement, vendor management etc. are done through our centralised system FELIX for better control of the process and to meet our management systems and policies.

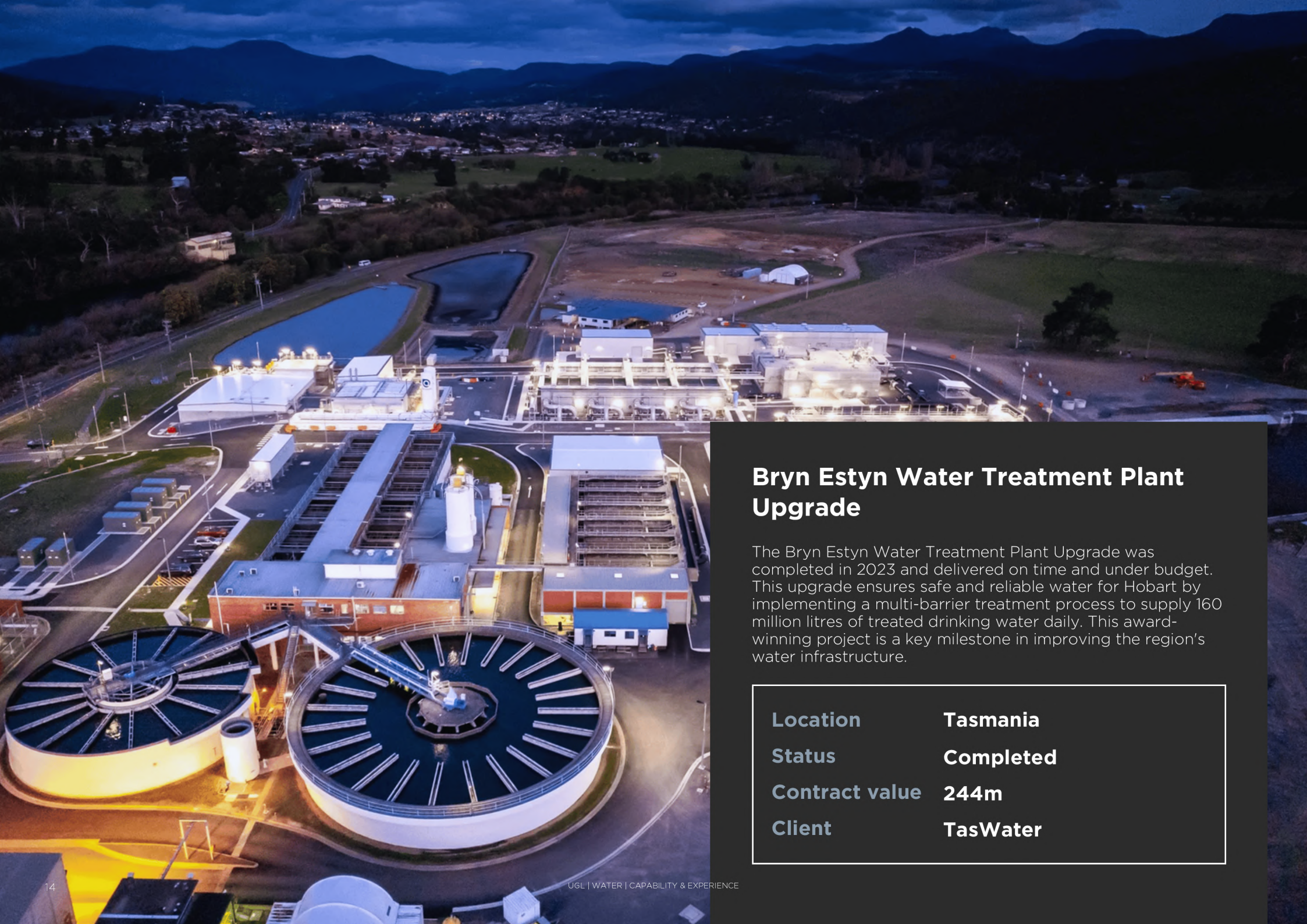
A man and a woman, both wearing white hard hats and high-visibility yellow and blue work shirts, are working on an open electrical panel. The man is on the left, wearing safety glasses and gloves, reaching into the panel. The woman is on the right, also wearing safety glasses and gloves, holding a pair of pliers. They are standing in front of a black metal fence under a clear blue sky. A semi-transparent blue circle is in the upper right corner of the image.

The health and safety of our work environments  
– for our people, our clients, subcontractors,  
suppliers, visitors and wider communities – are  
paramount to everything we do.

## Selfs Point Sewer Transformation

The expansion and upgrading of the existing plant, combined with the future decommissioning of the Macquarie Point Sewage Treatment Plant, will deliver improved environmental outcomes and the new state-of-the-art facilities and treatment technologies will enable us to treat up to 25 megalitres of Hobart's wastewater per day.

|                       |                 |
|-----------------------|-----------------|
| <b>Location</b>       | <b>Tasmania</b> |
| <b>Status</b>         | <b>Current</b>  |
| <b>Contract value</b> | <b>314m</b>     |
| <b>Client</b>         | <b>TasWater</b> |



## Bryn Estyn Water Treatment Plant Upgrade

The Bryn Estyn Water Treatment Plant Upgrade was completed in 2023 and delivered on time and under budget. This upgrade ensures safe and reliable water for Hobart by implementing a multi-barrier treatment process to supply 160 million litres of treated drinking water daily. This award-winning project is a key milestone in improving the region's water infrastructure.

|                       |                  |
|-----------------------|------------------|
| <b>Location</b>       | <b>Tasmania</b>  |
| <b>Status</b>         | <b>Completed</b> |
| <b>Contract value</b> | <b>244m</b>      |
| <b>Client</b>         | <b>TasWater</b>  |

# Green Square Trunk Stormwater Alliance

**NEW SOUTH WALES**

*Completed project*

The scope of work for the Green Square Trunk Stormwater Project Alliance included all aspects of project management, the development of tender reference design (concept design) and detailed design, construction management—encompassing environmental and community management, as well as civil and structural works, and the commissioning and preparation of necessary documentation.



# Melbourne Water Western Treatment Plant - Stage 2

**VICTORIA**

*Completed project*

UGL, in partnership with CPB Contractors, completed the WTP Stage 2 works, including design, construction, and maintenance. MWC needed a reliable secondary treatment plant to enhance capacity for future growth, employing a two-phase delivery process. Stage 1 focused on innovative solutions from shortlisted proponents to provide the best whole-of-life cost while meeting functional requirements, ultimately developing the 160S nutrient removal plant.





# Malabar Wastewater Treatment Plant

**NEW SOUTH WALES**

*Completed project*

The Malabar Wastewater Treatment Plant is Australia's biggest wastewater treatment plant, and this project is the largest upgrade in the plant's history, entailing management of multi-discipline and multi-organisational personnel into one cohesive team tasked across multiple work packages including hydraulic, civil, mechanical, electrical and controls modifications. It encompasses screens, grit, sewage pumping, sedimentation, sludge system, digesters, biosolids, site services and SCADA systems.



# Lower South Creek Water Treatment Plant

**NEW SOUTH WALES**

*Completed project*

Sydney Water planned to improve water quality and reliability for the Lower South Creek area, anticipating an additional 500,000 residents by 2040. The Lower South Creek Treatment Program involved upgrades to the Riverstone Wastewater Treatment Plant, St Marys Water Recycling Plant, and Quakers Hill Water Recycling Plant.

# Management systems and accreditations

The UGL QMS is certified for use in multidisciplinary project management, construction and commissioning management, engineering, design and procurement for market sectors including, power generation, power systems, and power distribution.

Our operations are underpinned by a robust framework of quality and safety standards. Our Quality Management System is certified to ISO 9001, while our environmental and health & safety practices meet ISO 14001 and ISO 45001 standards. These certifications validate our commitment to operational excellence and continuous improvement.

UGL holds the following certification certificates:

- UGL OH&S Management System AS4801
- UGL Quality Management System ISO 9001
- UGL Environmental Management ISO 14001
- UGL Occupational Health & Safety OHSAS 45001
- The Office of the Federal Safety Commissioner Accreditation (OFSC)

## Quality, Environment & Safety Management



## Member of ISC since 2017 and AWA since 1989



## Authorised Engineering Organisation and National Engineers Register



## ISO Certified 45001; 9001; 14001; AS/NZS 4801



# Partnering with Aboriginal businesses

**UGL's Aboriginal and Torres Strait Islander partner organisations are part of our journey towards reconciliation through opportunity.**

We seek to encourage economic empowerment in our organisation and our clients' organisations by facilitating education, training, employment and subcontracting opportunities for Aboriginal and Torres Strait Islander people and businesses.

**UGL maintains a range of key partnerships to achieve lasting outcomes by leveraging the strengths, resources and knowledge from both UGL employees and our partners to broaden our inclusive and diverse team culture.**



## Case Study: ARRA Group

ARRA Group and UGL forged a collaborative partnership in 2018. ARRA Group is a majority Indigenous owned company that is committed to the enhancement of employment opportunities for Aboriginal peoples, as well as non-Indigenous people.

Leveraging UGL's scale and the ARRA Group workforce network, UGL has facilitated opportunities for Aboriginal and Torres Strait Islander peoples to join the permanent and semi-permanent work forces on Chevron project sites in Western Australia. UGL's strong partnership network has increased workforce diversity on client sites and opened up ongoing employment opportunities for Aboriginal and Torres Strait Islander people.



Supply Nation is a key partner organisation of UGL. Supply Nation is Australia's largest national directory of Aboriginal and Torres Strait Islander businesses. We are proud to enable opportunities by creating a connection between the Supply Nation network and our client networks.

## KEY PARTNERS





For more information please contact UGL:

Level 8, 40 Miller Street, North Sydney, New South Wales, 2060, Australia  
T: +61 2 8925 8925

**UGLLIMITED.COM**

Published by UGL Pty Limited | 2025

GET IN TOUCH  
WITH US

