



TRILITY

A member of **BEWG**

At TRILITY we make it our business
to understand and support yours



Through our people, our systems, our service

TRILITY plays a vital role in our modern world by providing water, wastewater and environmental solutions which contribute to a better quality of life.

TRILITY is involved in the delivery of 100s of water infrastructure projects, currently servicing over 600 facilities. We have extensive operations, spanning from the far south of Tasmania to the most northern tip of the country and across the Tasman.

Today, our business combines many services, solutions, products and applications to suit each client's needs. We continually pivot to keep pace with rapidly evolving technology, markets, regulations and climate conditions.

TRILITY is committed to be a 'partner of choice' in the delivery of water, wastewater and environmental services. Today our combined services consist of; asset finance, project design and construction, operations, maintenance, modular solutions, spare parts supply, and servicing.

We manage numerous water infrastructure assets across Australia and New Zealand using best practice management systems and processes. We use the latest technology to design, build, install and operate modular water and wastewater treatment solutions. TRILITY specifically tailors solutions to meet the various water treatment challenges faced by the water sector today.

TRILITY has been built around our strengths. We are front line operators and service technicians supported by a dedicated group of water quality professionals. Together we deliver safe and efficient water and wastewater services, with a vision to be the most respected in our field.

Our solutions and services are built on our heritage and our expertise, a dedication to do it right, and a passionate commitment to provide our services effectively, efficiently, safely and responsibly. Our competitive advantage lies within our specialised teams, as well as our relationships with local sub-contractors, consultants and suppliers. We work alongside our clients, as partners to optimise facilities, processes and performance - creating value through the full water and wastewater cycle, enhancing competitiveness and protecting the environment.

TRILITY's capabilities ensure the critical infrastructure we manage operates at - or above - contractual compliance and builds on the Company's excellent environmental record.



What is TRILITY?

An Australian and New Zealand company committed to being the 'partner of choice' in the delivery of water and environmental services.

Understanding the TRILITY way

From Managing Director Francois Gouws

At TRILITY our expertise adds value everyday – to our customers, shareholders and stakeholders across Australia and New Zealand. The value of our Company is the sum of our employees and the expertise they bring to every customer focused solution.

For each of our employees, the process of adding value begins on day one at TRILITY. We employ only the best talent whose expertise provides flexible and scalable technology solutions to meet the specific needs of each client and the ever changing operational conditions, environment and expectations of the communities and industries we serve.

What emerges within the TRILITY employee base is an expertise and knowledge that ensures we deliver a service that exceeds our clients' corporate objectives, be they cost savings, improved performance or environmental compliance.

TRILITY's clients know our employees will deliver beyond the expected levels of service. They understand the outcome will be built on collaboration, experience and the right application of resources and innovation.

Our engineering, commercial, project, operational, management, customer service, communications and financial experts guarantee you exceptional project delivery and standards of service. Our professional water and environmental services enable communities to grow existing businesses and attract new ones.

We are an Australian and New Zealand company with strong international financial backing that is committed to being the 'partner of choice' when it comes to water and environmental service delivery.

We thank you for your interest in TRILITY and look forward to sharing the TRILITY story with you.



Francois Gouws
Managing Director

What we value

Integrity

At the core of the TRILITY business is a commitment to integrity. We are responsible and respectful of our natural environment. We seek constructive engagement with clients, governments and every community in which we operate.

Progressive

We are progressive in our thinking as we balance desirability with technical feasibility and economic viability.

Commitment

TRILITY's focus is always long term. As investors with lengthy commitments to our projects, we understand the requirements and needs of asset owners.

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How can we help you?

TRILITY has the professional expertise and experience to undertake all challenges across the full cycle of water use – from designing, building, operating and maintaining desalination plants to delivering potable water, establishment of wastewater treatment plants and purpose-built modular solutions. Supported by our front-line operators and service technicians and dedicated group of water quality professionals. Together we deliver safe and efficient water and wastewater services, with a vision to be the most respected in our field.



Asset management

At TRILITY we deliver asset management expertise to projects in the resource, utilities and municipal sectors. We manage numerous water infrastructure assets across Australia and New Zealand using best practice management systems and processes. Our approach to asset management and operations is unified and consistent.



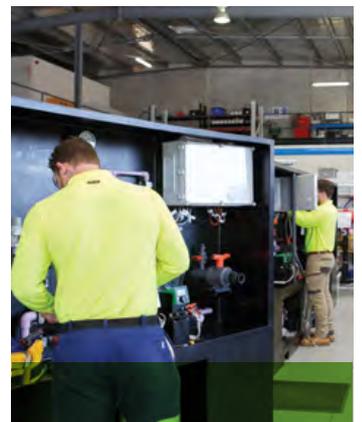
Engineering

Our engineering team has extensive experience developing projects of differing sizes and complexity, partnering with our clients to ensure delivery of the best possible solution. TRILITY offers the full spectrum of multidisciplinary design and engineering services for the water and wastewater cycle across municipal, agricultural, resource and environmental sectors.



Innovation

Innovation can be defined simply as a 'new idea or creative thought in the form of a device or method'. At TRILITY innovation is often viewed as the application of improved solutions that meet new requirements, unspecified or existing market needs. We do this in partnership with a range of clients covering utilities, municipal, resources and industry in providing them more-effective products, processes, services, technologies, or business models.



Modular solutions

We use the latest technology to design, build, install and operate modular water and wastewater treatment solutions. TRILITY specifically tailors modular solutions to meet our clients' various water treatment challenges. We do this in partnership with a range of clients covering the utilities, municipal, resources and industrial sectors.

Our commitment

Our approach is built on respect, underpinned by our strategic insight and our excellence in performance culture to deliver maximum value. We believe success comes from the commitment of our people in developing and deploying the best technology, and building long-lasting relationships.



Audits



Biosolids



Data analytics



Irrigation



Preventative maintenance



Seized valves



Training



Wastewater treatment



Water treatment



Operations

We are front line operators delivering safe and efficient water and wastewater services, with a vision to be the most respected water operators in Australia and New Zealand. We work in collaboration with our clients to manage, operate, and maintain water and wastewater infrastructure for urban and regional communities. TRILITY has been a market leader in operating water infrastructure since 1991. Our expertise flows from our team of qualified operators and process engineers whose diverse range of knowledge, skills, and experience makes our people experts in their field. Our capabilities enable us to deliver a broad range of services and safe drinking water 24 hours a day.



Project delivery

Our competitive advantage lies within our engineering and procurement specialists, as well as our relationships with local sub-contractors, consultants and suppliers. TRILITY provides project delivery services covering the municipal, resources and industrial sectors. We have robust experience and expertise in delivering the best possible solution to ensure we exceed our clients' expectations.



Servicing

To ensure optimum service life and performance of your water treatment equipment, TRILITY provides preventative servicing to 100's of facilities. We are committed to providing high standards of in field service, and maintain equipment across many industries including municipal, resources and recreation. We do this through our national team of specialised Service Technicians.



Water quality

Our expertise encompasses 'smart' water services, leadership in source water management, and compliance to the Australian Drinking Water Guidelines and environmental standards. TRILITY's water quality and process support teams are a dedicated group of professionals providing a broad range of services to our clients and the communities in which we operate.

Our markets

We work alongside you as a partner in optimising your facilities, processes and performance – creating value through the full water and wastewater cycle, enhancing your competitiveness and protecting the environment. TRILITY’s asset base comprises a combined capacity of over 1.8 GL/day.



Agriculture
Food and beverage
Healthcare
Manufacturing
Municipal
Recreational
Resources
Water utilities



Biosolids



Irrigation



Wastewater
treatment



Water
treatment

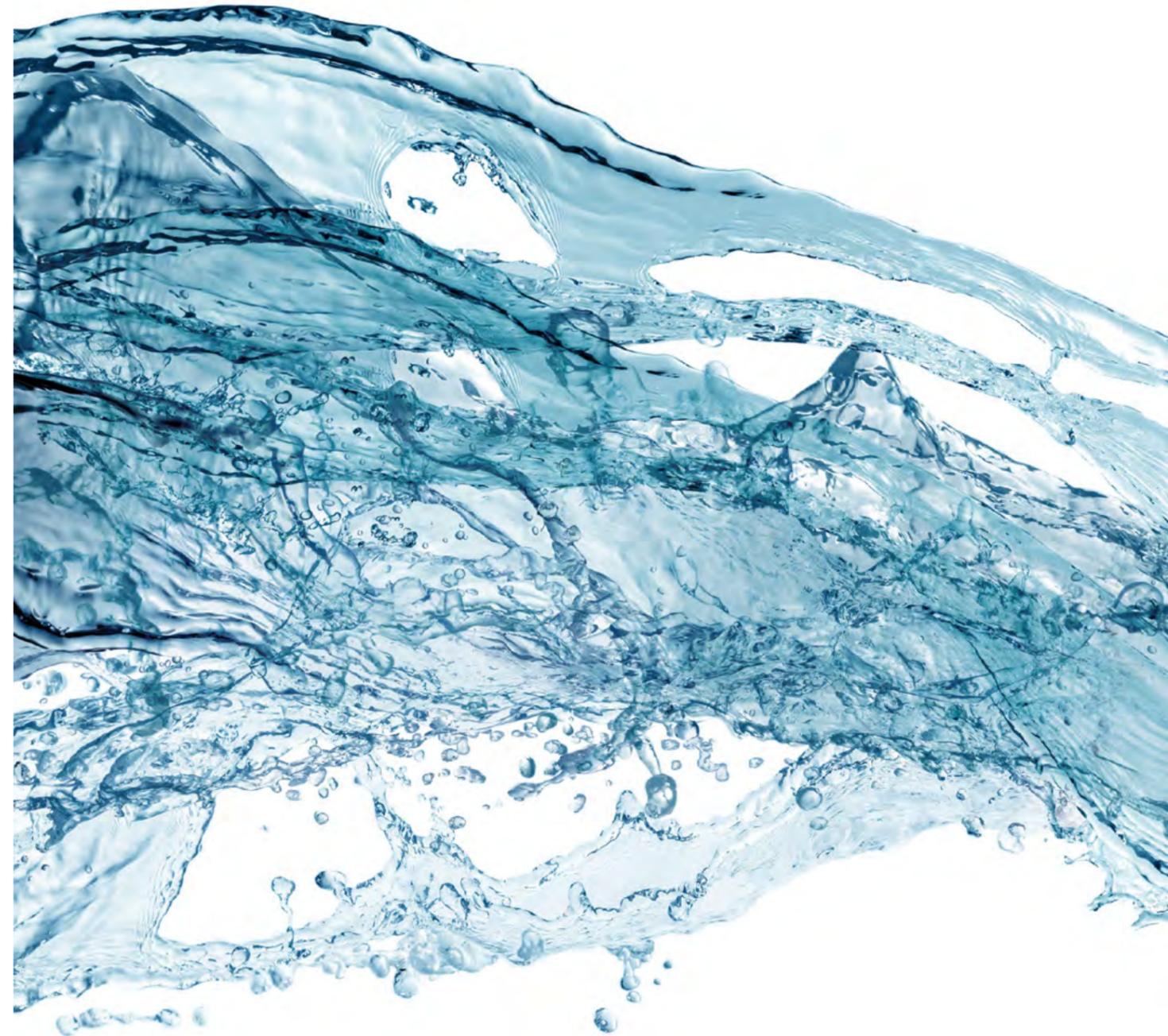
Our services

Our solutions are built on our heritage and our expertise, a dedication to do it right, and a passionate commitment to provide our services effectively, efficiently, safely and responsibly.

Audits
Biosolids
Data analytics
Irrigation
Preventative maintenance
Seized valves
Training
Wastewater treatment
Water treatment

- Audits
- Biosolids
- Data analytics
- Irrigation
- Preventative maintenance
- Seized valves
- Training
- Wastewater treatment
- Water treatment

Relevant experience



Australia

South Australia

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1 Adelaide Desalination Plant
TRILITY is a Joint Venture partner in AdelaideAqua Pty Ltd, the entity which has an agreement with SA Water to operate and maintain the plant until 2033.
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2 Berri Barmera Reuse Scheme
TRILITY designed, built, financed and operates the wastewater treatment and reuse scheme for the Berri-Barmera Council in Australia's Riverland.
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3 Birdwood Wastewater Treatment Plant
TRILITY operates and maintains the Birdwood Wastewater Treatment Plant for the Adelaide Hills Council.
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4 Onkaparinga Wastewater Treatment Plant
TRILITY in partnership with the City of Onkaparinga, has redeveloped the city's Septic Tank Effluent Disposal Schemes to enable the water to be used for the irrigation of vineyards in the McLaren Vale and Willunga regions.
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5 Riverland Water Project
TRILITY is the operator for Riverland Water, a consortium that designed and built 10 water treatment plants in regional South Australia. Located mainly along the banks of the River Murray, the plants serve approximately 150,000 people living in more than 90 communities.
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6 Victor Harbor Wastewater Treatment Plant
TRILITY designed, built and operates a wastewater treatment facility to treat sewage effluent to log six virus removal standard, making it suitable for unrestricted irrigation of private residence, community park lands and golf courses. Department of Health regulations and further reuse options required the upgrade of the South Australian Victor Harbor plant in 2010/11 to meet the growing need of water reuse. TRILITY designed and constructed the plant enhancement which was financed by the client.
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7 Virginia Pipeline Scheme
The Virginia Pipeline Scheme is operated and maintained by TRILITY providing sustainable water infrastructure. Virginia Pipeline Scheme in South Australia provides 20GL per year of recycled water to more than 360 customers. 142km recycled water pipeline network is operated by TRILITY under a contract with SA Water.
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8 Waikerie Wastewater Scheme
TRILITY designed, built, operates and maintains under a 20 year contract, a wastewater treatment and reuse facility for the District Council of Loxton Waikerie in South Australia.

Victoria

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9 Barwon Water Biosolids Management Project
TRILITY operates and maintains Australia's largest thermal drying biosolids facility, servicing the Barwon Water service region. The region produces 54,000 tonnes of biosolids each year, which was previously trucked to Melbourne Water's Western Treatment Plant where it was dried in the open air. The facility places TRILITY, Plenary Environment and Barwon Water at the forefront of responsible biosolids management in Australia.
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10 Campaspe Asset Management Services (CAMS)*
TRILITY in collaboration managed with Coliban Water managed, maintained and operated over 46 reservoirs and water storage basins across north central Victoria, which provided water and wastewater services to urban and regional customers across 49 towns.
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11 Campaspe Water Reclamation Scheme
TRILITY operates the Campaspe Water Reclamation Scheme, a sustainable reuse scheme providing benefits to local industry. Campaspe Water Reclamation Scheme is one of the first projects in Victoria to treat 100 percent of wastewater generated by a community, the towns of Echuca and Rochester, to supplement existing irrigation on privately owned farms, resulting in an environmentally sustainable outcome being achieved.
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12 Eastern Irrigation Scheme
The scheme operated by TRILITY delivers 5GL per year of Class A recycled water to farming, recreational, industrial and residential customers around Cranbourne in Melbourne.
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13 Grampians Water Operations and Maintenance
TRILITY operates four water treatment plants in the western Victorian townships of Ararat, Great Western, Halls Gap and Stawell under an existing 25-year agreement with Grampians Wimmera Mallee Water in western Victoria. GWMW has a footprint that covers a quarter of the State and delivers services to approximately 72,000 residents and businesses.
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14 South East Water Disinfection Contract*
TRILITY was contracted to operate and maintain South East Water's booster chlorination and residual monitoring chlorination facilities for three years.
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15 Yan Yean Water Treatment Plant
TRILITY as sole operator designed, built and financed the 155 ML/d Yan Yean Water Treatment Plant and now operates and maintains the plant under a 25 year services contract for Melbourne Water.
- ### Tasmania
- 

16 TasWater Regional Towns Water Supply Program
TRILITY was selected by TasWater to design and construct Work Package One of the TasWater Regional Towns Water Supply Program. Work Package One is the design and construction of water treatment plants and the subsequent operational support for a period of one year for eight of sixteen townships around Tasmania.



-  Audits
-  Bio solids
-  Irrigation
-  Preventative maintenance
-  Seized valves
-  Training
-  Wastewater treatment
-  Water treatment
-  Administration offices
-  Asset Management and Operations and Maintenance
-  Design and Construction
-  Design and Construction and Operations and Maintenance
-  Operations and Maintenance
-  * Reference site

At TRILITY we make it our business to understand and support yours



Make it our business and support yours



New South Wales



Macarthur Water Filtration Plant

TRILITY is partnering with Sydney Water to achieve long term desirable financed water treatment solutions. The scope of the project includes the design, build, finance and 35 year operation and maintenance of the facilities.

Queensland



Agnes Water and Seventeen Seventy Integrated Water Project

TRILITY has been contracted by Gladstone Regional Council to provide new infrastructure and operating services for the towns of Agnes Water and Seventeen Seventy, including a new wastewater treatment facility and a desalination plant.



Aratula and Helidon Sewage Treatment Plant free water surface wetlands*

Queensland Urban Utilities commissioned TRILITY and our major subcontractor, Water and Carbon Group, to Design and Construct treatment plant upgrades at Aratula STP (50km south of Ipswich, Queensland) and the Helidon STP (near LockyerValley Township, Queensland).



Lion Co. Australia Wastewater Recycling Plant*

TRILITY partnered with Lion Co. Australia to commission and operate an affordable and environmentally sound water recycling plant at Lion's Brewery in Milton, Brisbane.



Northern Peninsula Area Water Supply System

Providing service delivery and provision of potable water to five indigenous communities within the Northern Peninsula Area. TRILITY will operate and maintain the existing water treatment plant and provision of potable water to communities within Bamaga and the NPA.



Redcliffe Sewage Treatment Plant

TRILITY has been selected by Unitywater to deliver the Design, Build, Operate and Maintain contract for the rehabilitation of the Redcliffe Sewage Treatment Plant in South East Queensland. The project will deliver an optimum service to residents and businesses in the suburbs of Rothwell, Kippa-Ring, Redcliffe, Clontarf, Scarborough, Margate and Woody Point.



Seqwater Field Operations and Maintenance Services*

TRILITY, in a Joint Venture, operated and maintained the bulk water transport network throughout South-East Queensland under an operations and maintenance contract with its client Seqwater; providing value adding additional services such as capital expenditure project management, warehousing and logistics, subcontract engagement and management, SCADA system maintenance and engineering services.



Townsville City Council Water Supply Upgrade Project

TRILITY has upgraded an existing 232 ML/d water treatment plant and constructed a new 40 ML/d plant at Townsville and will operate both facilities under a 20 year contract. This project provides Townsville City Council with long term water security over water supplies in the region.



Yabulu Reuse Plant*

TRILITY designed, built, operated and maintained for ten years under an alliance agreement, a wastewater treatment facility to treat saline industrial wastewater generated during nickel refining at the Yabulu Nickel Refinery in Townsville for reuse in refinery operations.

Western Australia



Electrochlorination supply of facilities

TRILITY was involved the design, manufacture and commissioning of an electrochlorination system to replace the existing system. The units installed are amongst the largest electro chlorinators in Australia to date. They were designed to produce low strength sodium hypochlorite of 0.8%, which is beneficial in the heat of North-Western Western Australia as it doesn't degrade. The on-site generation of sodium hypochlorite reduces safety handling issues due to not having to deliver the chemical to site.



Mundaring Water Treatment Project

TRILITY, as part of the Helena Water consortium financed, designed, constructed, commissioned and through a Joint Venture now operates the 165 ML/d Mundaring Water Treatment Plant and Mundaring Pump Station C in Western Australia.



Water treatment and distribution

TRILITY was commissioned by one of the largest mineral resource companies in Australia to design, manufacture and commission a multi-stage water treatment system. The system was specifically designed to provide their sites with water that complied with the Australian Drinking Water Guidelines. The water treatment plant was centrally located to distribute the treated water to several remote sites throughout the clients network. Technologies involved multimedia and nano filtration, disinfection, chemical dosing and ultraviolet treatment.



58 Mile tank chloramination facility

The Water Corporation of Western Australia had a requirement to upgrade the 58 Mile tank facility to meet their current standards. TRILITY was awarded the contract for the manufacture of the chlorine and ammonia dosing modules, as well as the civil site works installation, commissioning and project management.

Northern Territory



Energy Resources of Australia Limited Water Treatment Operations Support*

TRILITY provided operational advice and support for Energy Resources of Australia reverse osmosis plant which treated mine site water for subsequent process reuse and environmental discharges. The Ranger Mine NT is located eight kilometres east of Jabiru and 260km south east of Darwin, in Australia's Northern Territory. Located on the 79 square kilometre Ranger Project Area, Ranger mine is surrounded by, but separate from, the World Heritage listed Kakadu National Park.

New Zealand

Northland



Mangawhai Community Wastewater Scheme

Mangawhai Community Wastewater Scheme is operated for the Kaipara District Council in New Zealand. The scheme includes the operations of the Mangawhai wastewater treatment plant and reuse farm which TRILITY operates.

Driving growth today

TRILITY management operates plants across Australia and New Zealand treating over 1.8 GL/d and servicing millions of people everyday. Our managers and field staff offer the qualifications and experience across disciplines such as engineering, project and financial management to ensure water infrastructure is managed in an optimum way, where the safety of employees and contractors is paramount and community engagement is ongoing. Our employees use advanced technology and systems across each operation to ensure plant availability for our clients and their customers.

Excellent outcomes

>99.9%
Plant availability

100%
Treated water contract compliance

100%
Environmental licence compliance

At work

Our people are the reason behind TRILITY's success to date. TRILITY's depth of expertise and understanding means we know what each of our clients require in terms of asset standards, whole-of-life costs, operational performance and safety requirements.

How we behave



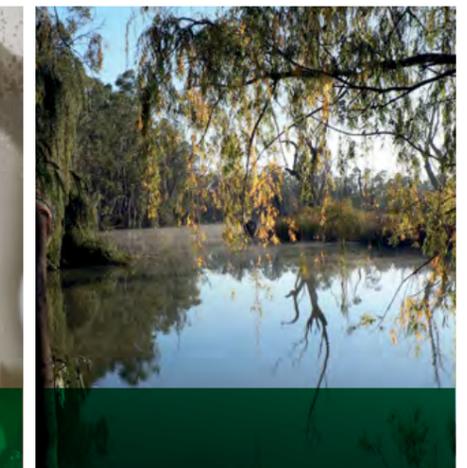
Safety always

Safety is at the core of our business and the communities we serve. We strictly enforce compliance with health and safety protocols at each of our construction, operating and administrative facilities. TRILITY takes the view that all incidents which impact on the health and well-being of our stakeholders are preventable. This requires each employee to take ownership in promoting workplace safety across each business unit. This is readily apparent to anyone who visits a TRILITY facility. TRILITY monitors its safety performance closely by using tools such as our OHSAS 18001-accredited Occupational Health and Safety Management System (OHSMS).



Community responsibility

TRILITY is committed to improving the communities we serve. As a supplier of essential services, we understand the impact our facilities have on the communities where we operate. This means we are focused on ensuring our employees adhere to our corporate values and commit to exemplary performance across all aspects of our footprint in the community. This runs across everything we do, from protecting the environment to supporting community organisations.



Caring for our environment

TRILITY has a demonstrated commitment to sustainable business practices across each of our construction, operating and administrative sites. This enables us to integrate sustainability targets and principles into our everyday activities and ensure we are accountable to our clients, stakeholders and in strict compliance with legislation requirements. TRILITY works in collaboration with our partners to ensure the protection of natural ecosystems around each operating site. The application of the Company's ISO 14001-accredited Environmental Management System (EMS) enables TRILITY employees to safeguard the environment. These activities are measurable and form part of the Company's broader key performance indicators. TRILITY regards continuous improvement in environmental management as a fundamental part of the Company's financial and operating performance.

Delivering everyday



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* Reference site



 Macarthur Water Filtration Plant, New South Wales



 Lion Co. Australia Wastewater Recycling Plant*, Queensland



 58 Mile tank chloramination facility, Western Australia



 Campaspe Water Reclamation Scheme, Echuca Wastewater Treatment Plant, Victoria



 Mundaring Water Treatment Project pipe line, Western Australia



 Virginia Pipeline Scheme, South Australia



 Birdwood Wastewater Treatment Plant, South Australia



 Yan Yean Water Treatment Plant, Victoria

Our products



Testing Facility, Perth



Electrochlorination supply of facilities



Carbon Dioxide Dosing System

SURV

Through SURV, TRILITY is proud to offer, under licence, an integrated ultrasonic seized valve release, valve condition assessment, torque measurement and maintenance service in Australia. In addition to valve release services, SURV offers specialist valve maintenance including 'Valve PAK™' a method of replacing valve packing without the need for isolation and lubrication of valve stem to aid movement.



Bespoke 4WD vehicle



Smart release - Combining ultrasonic vibration with controlled actuation



Global expertise

TRILITY has a parent company - Beijing Enterprises Water Group (BEWG) - with a significant footprint across the international water industry.

TRILITY, an Australian and New Zealand company, has a growing footprint with the support of its shareholders, Hong Kong listed Beijing Enterprises Water Group (BEWG), and with that comes a wealth of international experience and know-how. BEWG is a large-scale group that provides a broad range of water services to more than 20 provinces, 100 cities via more than 500 owned and operated facilities. Our Group now has an ever-stronger knowledge and skillset to bring innovation and enhanced value to both our existing and new municipal and industrial clients. Collectively we have over 15,000 employees working across the entire water value chain; assisting our clients address the challenges currently facing our sector such as water scarcity, asset preservation, and climate change. As such, our capabilities span the full life cycle of water, delivering services to millions every day.



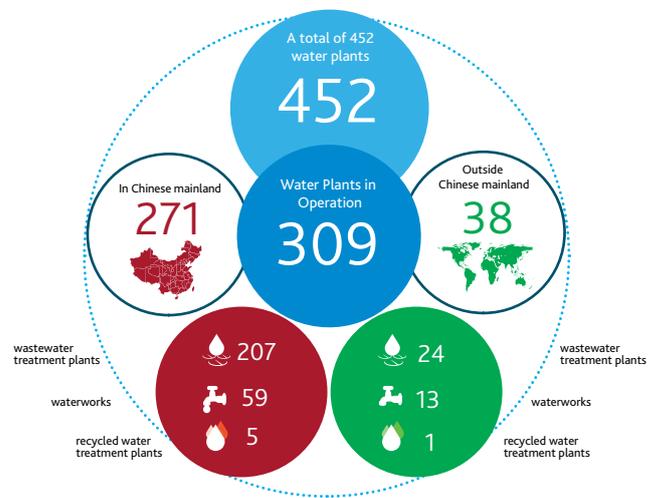
Be a leading provider of Integrated Water Environment Services

Beijing Enterprises Water Group Limited (BEWG) is a comprehensive and leading professional water services and environmental protection services provider covering industrial investment, design, construction, operation, technical service and capital operation in full industrial chain. Its scope of business covers many fields such as water services in cities and towns, water services in river basins, industrial water services, rural water services, seawater desalination services, environmental sanitation, solid waste treatment, scientific and technical services, financial services and clean energy. It is a company listed on the Main Board of The Stock Exchange of Hong Kong Limited (one of Red Chips, Stock Code: HK 00371), and has been selected in Hong Kong's Hang Seng Index of Chinese Stocks, in Hang Seng Main China 100 Index, in Hang Seng Composite Medium Index, and in Morgan Stanley Capital International Index. Meanwhile, it is one of the first batch of experimental companies of Shanghai-Hong Kong Stock Connect.

BEWG has consecutively ranked No.1 for seven years among "Top 10 Influential Enterprises of Chinese Water Industry". At the Global Water Summit in 2014, BEWG was named one of the Top Four Global Water Service Companies. In 2016, its Chang NEWater Plant II in Singapore won the award of the "Water Deal of the Year", and the company was selected into the list of the Fortune China 500 companies. BEWG has also earned honors including "Listed Companies with Most Valuable Brand" and "Top Listed Companies with Social Responsibility".

As the significant investment and financing platform of infrastructure and public utility in Beijing, Beijing Enterprises Group owns nine companies listed in Hong Kong Stock Exchange, such as Beijing Enterprises Holdings Limited, BEWG, Beijing Development Ltd., Beijing Properties (Holdings) Limited, China Gas Holdings Ltd., and two listed A-share companies, Beijing Yanjing Brewery Co., Ltd. and Fujian Yanjing Huiquan Brewery Co., Ltd. It ranks top three in the state-owned enterprises in Beijing in terms of operation revenue, total assets and profits. It ranked the 194th among China Top 500 Enterprise Groups in 2016, and is the largest public utility enterprise in China.

BEWG Business layout



BEWG Business scope



Our history



United Utilities PLC
Regulated water and power service provider



United Utilities Australia (UUA)
Established in Australia



October 2010-
UUA acquired by Mitsubishi Corporation led consortium



March 2011-
TRILITY officially launched



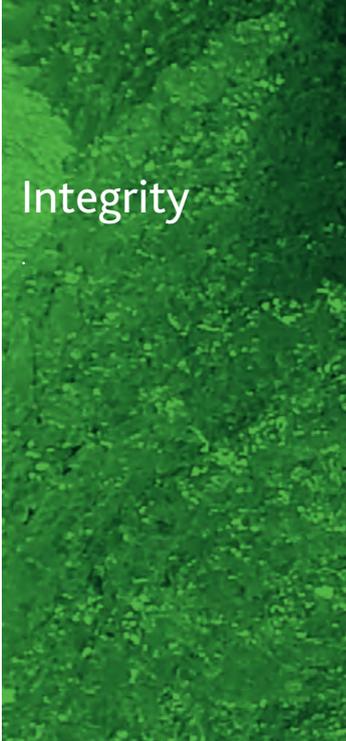
TRILITY
A member of BEWG

April 2018-
TRILITY acquired by Beijing Enterprises Water Group Limited (BEWG)

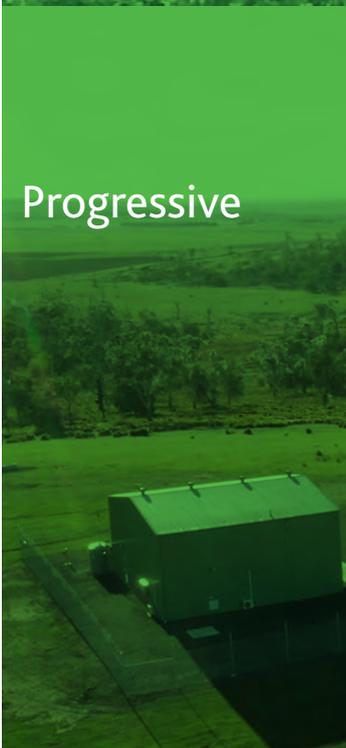
Our corporate values

The TRILITY brand is the symbol of our heritage and of the quality and trust we have delivered for more than 25 years. To our clients, it embodies a commitment to anticipate and meet their changing needs. To our organisation, it represents the imagination we use to address those needs in a manner that reflects our values.

Integrity



Progressive



Commitment



What is expected from TRILITY today?

It is to provide an excellent service provision to our clients now and in the future in a safe, sustainable and environmentally responsible way. It is to continuously strengthen our commitment to being the 'partner of choice' when it comes to service delivery.

TRILITY will continue to act decisively to address what matters most today and tomorrow; apply expertise and resources to deliver beyond the expected outcome; ensure a clear focus on innovation and integrity; and invest in continually improving.

Thank you
for your interest in TRILITY

Read more at trility.com.au

For further information

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