



Trenchless Technology.

Advanced no-dig solutions across complex urban and sensitive environments.

Networks Services

Delivering smarter water, wastewater, and stormwater solutions.

Downer provides end-to-end services across the full lifecycle of network assets - from inspections and condition assessments through to maintenance, renewal, rehabilitation, and construction of new infrastructure.

Tailored Solutions

There's no one-size-fits-all answer when it comes to water networks.

By drawing on a wide range of technologies and approaches, we deliver solutions that achieve the best outcomes for our clients and the communities they serve.

A Measured Approach

Every project is guided by a Multi-Criteria Assessment (MCA) to ensure the right method is selected. This includes careful consideration of:

- Community and customer impacts
- Safety and health risks
- Environmental factors
- Project timelines
- Flows and hydraulics
- Cost and asset life
- Installation risks

Specialist Delivery

Trenchless solutions are delivered either directly by our teams or through trusted specialist partners, ensuring efficient, safe, and sustainable outcomes.

About us.

We're proud to be the largest provider of outsourced water services in Australia and New Zealand.

Our services span the full asset lifecycle, including design, construction, operations and maintenance across water and wastewater treatment, linear networks and process improvement.



Our clients:



Delivering water and wastewater services to more than

14 million people

across Australia and New Zealand



Inspections & Conditions Assessment

- CCTV inspection.
- Acoustic sensing.
- Leak detections.



Renewal and Rehabilitation

- Pipe Bursting.
- Slip Lining.
- Relining (Gravity Pipeline).
 - CIPP (UV and steam curing).
 - Spiral Wound.
 - PVC Fold & Form.
- Relining (Pressure Pipe).



Maintenance and Repairs

- Water jet/combo cleaning.
- Patching.
- Robotics.



Construction of new assets

- Horizontal Directional Drilling (HDD).
- Micro-tunnelling.

Downer PipeTech

PipeTech is an integral part of Downer's Water Business. A sharpened focus on core capabilities and delivering for clients has made PipeTech an established leader in the pipelines and infrastructure sector. The PipeTech business offers specialised solutions and technologies to support and complement Downer's offerings to the Water industry.



TUNNELINE® Technology

Downer PipeTech provides our proprietary TUNNELINE® structural reinforced-concrete lining system, a unique and versatile system for structural remediation on pipes, culverts and tunnels with a design life of more than 100 years.

This award-winning system is a simple, in-situ reinforced concrete lining technique designed for difficult-to-access sites and has a very low environmental impact.

Benefits

- Significant time and cost savings.
- Does not require any advanced pre-works or stabilisation. Holes, cracks or missing masonry do not need to be repaired prior to installation.
- Can be constructed inside any existing man-access structure regardless of shape, or access.
- Suitable for any host format ranging from 1200mm upward.

Berolina – CIPP-UV Technology

Berolina-CIPP is a jointless, seamless, pipe-within-a-pipe with the capability to rehabilitate assets and gravity (sewer) pipelines with minimal diameter reduction.

It involves a glass fibre reinforced structural liner that is cured-in-place using UV light and is one of several trenchless rehabilitation methods used to repair ageing pipelines.

Benefits

- Tight fit liner.
- High resistance to fire and flame.
- Proven technology since 1985.
- 50-year design life.
- Suitable for diameters 150mm to 1600mm.
- Manufactured in Germany under a Certified Quality System.
- No reliance on the host pipe for strength.
- Conforms to AS2566 - Flexible pipe design.

Find out more

www.downergroup.com.au



Contact

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