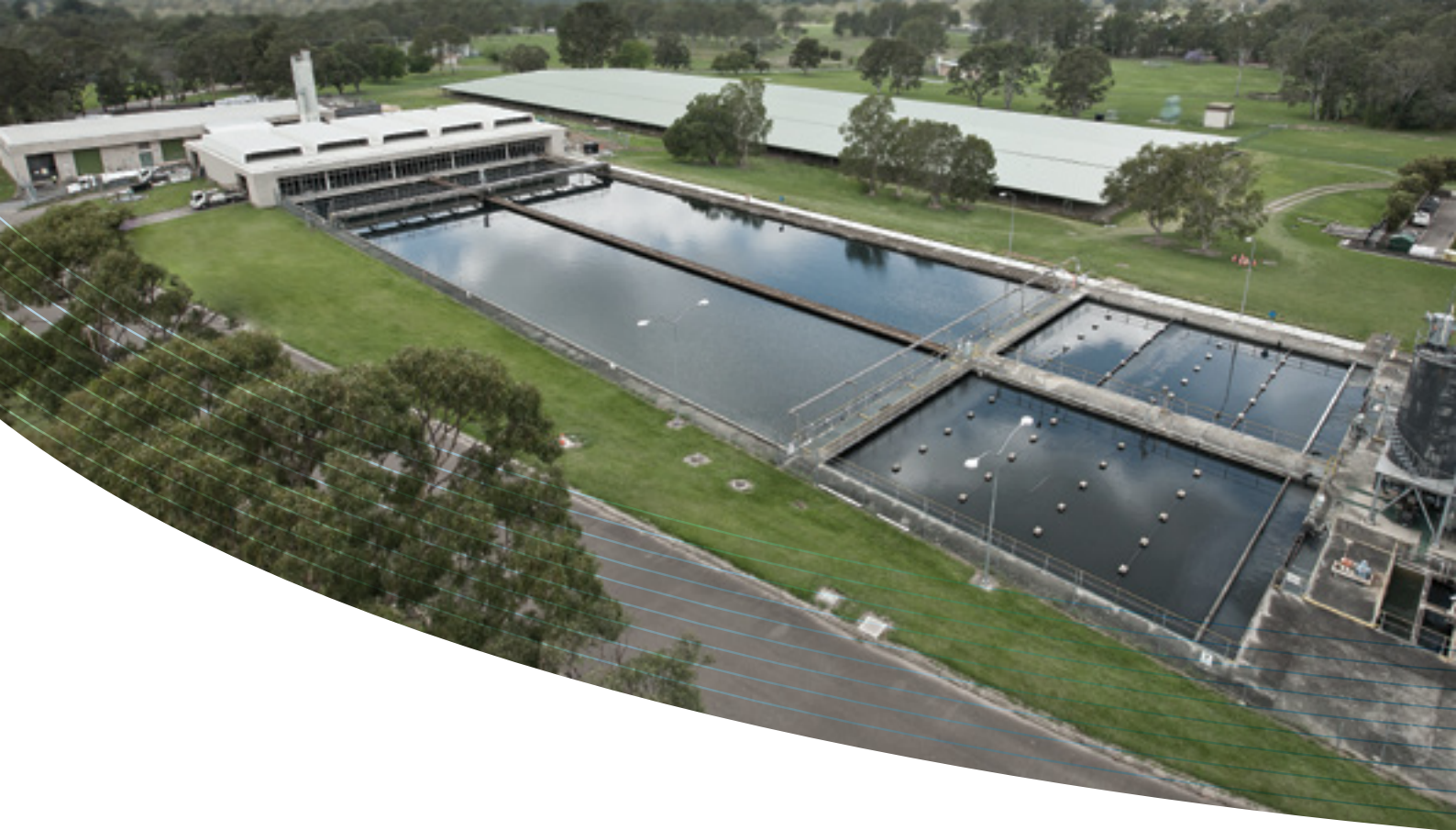




# WATER ENGINEERING & ASSET MANAGEMENT SERVICES

INTELLIGENT DOERS,  
DEPENDABLE DELIVERY





# INNOVATIVE ENGINEERING AND ASSET MANAGEMENT SERVICES



DYNAMIC & COLLABORATIVE PROFESSIONALS



GLOBALLY RECOGNISED SAFETY CULTURE



OVER 500 EXPERTS ACROSS 9 LOCATIONS



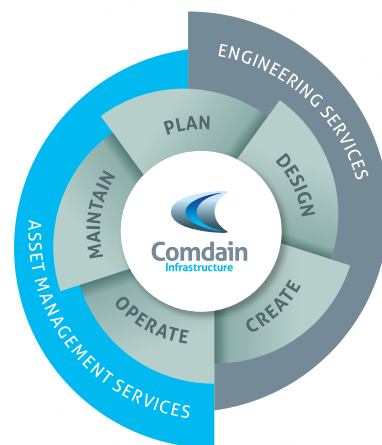
\$1 BILLION OF INFRASTRUCTURE DELIVERED IN THE LAST 5 YEARS

Comdain Infrastructure delivers end-to-end engineering and asset management solutions to utility and energy providers across Australia.

Our capabilities are extensive and our success is underpinned by our resolute commitment to excellence, safety, quality, innovation and sustainability.

We take pride in doing things well. The Comdain Infrastructure team believes best of project/program approach delivers value on multiple levels

- > Safety first
- > Quality projects
- > On time, on budget
- > Excellence in environmental, customer and community outcomes



# DELIVERING CRITICAL WATER SERVICES FOR OVER 50 YEARS

Since 1962 Comdain Infrastructure has built and serviced the networks of Australia's leading water authorities.

Our holistic water asset approach has shaped the development of Australia's world-class water infrastructure.

Comdain specialises in the design, construction and asset management of the nation's water and waste water: from catchment to outfall or reuse.

With multi-disciplinary self-performing skills, we offer civil, structural, electrical, mechanical, control engineering and specialist field resources.

We are collaborative by nature and thrive on delivering within relationship based projects that are complex and technical.



Partnering  
leading water  
authorities  
across Australia

- > Yarra Valley Water
- > Barwon Water
- > South East Water
- > Western Water
- > City West Water
- > Coliban Water
- > Goulburn Murray Water
- > Goulburn Valley Water
- > Lower Murray Water
- > Sydney Water
- > Water NSW
- > Hunter Water
- > Queensland Urban Utilities
- > UnityWater
- > Seqwater
- > Gold Coast City Council
- > Central Highlands Water
- > Murrumbidgee Irrigation



# CAPABILITIES

## Treatment Infrastructure

Experts in design, procurement, construction, commissioning and ongoing asset maintenance.

We develop collaborative working relationships with client operations and capital planning teams to optimise facility continuity and functionality.

We are leaders in brownfield, design and construction, understanding the criticality of operations and water quality.

## Distribution Infrastructure

Specialists in complex water projects with outstanding credentials in the design and construction of pipelines, pump stations and water structures.

We rapidly mobilise our experienced project management teams across multiple disciplines and worksites supported by specialist plant and equipment. We customise low risk, value-for-money solutions aligned to your needs.

# CASE STUDIES



### Treatment Infrastructure: Luggage Point Treatment Plant Upgrade for Queensland Urban Utilities

Design and construction of a \$9M upgrade to the Luggage Point Wastewater Treatment Plant.

- > Modification of the sludge digesters to improve capacity and reliability.
- > Upgrade to dewatering process and equipment including replacement of HV, electrical and control systems.
- > D&C of additional process improvements including magnesium hydroxide and polymer dosing equipment.
- > In-situ pilot trials of proposed process with QUU to fine tune design and operability.



### Distribution Infrastructure: Sunraysia Modernisation Program - CD Pipeline

Delivery of the \$16M "CD" Pipeline and "A" Re-lift Pump Station as part of the Sunraysia Modernisation Program.

- > Installation of 1.3kms DN2000, 2.7km DN1000 GRP pipeline, associated structures, as well as a 120 ML/day pump station.
- > Maintained the continuous supply of water to end use customers throughout delivery.
- > Comdain innovation workshop resulted in ideas generating significant cost and program savings for the client and expansion of project scope for the community.

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## Renewals

Leaders in the water renewal sector with national capability. Comdain has an unparalleled emphasis on design, quality, customer engagement and innovation.

Working in busy urban environments, our teams excel in communication, successfully engaging with residents and businesses owners to minimise impact, resolve challenges and find solutions.



### Water Renewals: Yarra Valley Water Renewals Program

Service provider for the \$30M p.a. program of design, construction and commissioning of water mains renewals across a 4,000 sq km distribution network.

- > Technology agnostic approach bringing best for project solutions to every project.
- > Trialling innovative techniques to reduce cost and improve customer and environmental outcomes.
- > Leverage best practice from a national network of renewals contracts.

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## Asset Management Services

Comdain understands the asset life cycle delivering operations, maintenance and network improvement programs efficiently for our clients, and seamlessly to the end user.

With over 100,000 maintenance work orders completed annually, our capabilities support utilities with strategic high performance planning, maintenance, operations, innovative technologies and procurement, as well as servicing 24/7 customer requirements.



### Asset Management: Sydney Water Network Repairs

Comdain works with Sydney Water to carry out a \$40M, 4 year program of maintenance across their entire operating area.

- > 15 crews undertaking planned and reactive maintenance.
- > ComLink – Comdain developed, fully integrated mobile application capturing asset and job data in real time.
- > Customer first service culture embedded in workforce.

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## Electrical, Mechanical & Instrumentation

Our EMI team provides leading engineering and asset management services and is at the forefront of electrical, mechanical, instrumentation and control, telemetry, SCADA technologies and renewable energy solutions.

Self-performing over 50% of the electrical, mechanical and civil scope on contracts, our EMI team draws on the knowledge of our 200+ engineers and project management professionals to support and manage the planning, design and delivery of water projects across the nation.



### Electrical, Mechanical & Instrumentation: Goulbourn Murray Water - No. 10 Pump Station Infrastructure Upgrade

Project completed as part of the \$200M TransCom JV to upgrade Swan Hill's irrigation infrastructure.

- > Upgrade of 300ML/day river offtake pump station.
- > Construction of a 100ML/day submersible pump station.
- > Construction of a 25ML/day jockey pump station.
- > Solar power to remote sites.
- > Implementing monitoring and controls for the system to optimise energy requirements and reduce whole-of-project lifecycle costs.

# A REPUTATION BUILT ON INSIGHT AND INNOVATION

With over 500 experts across the country, Comdain drives excellence in customer service, innovation and safety.



We are an integral part of the networks we build, taking a whole-of-life vision when designing, engineering and constructing solutions.

Our water specialists are professionals with a deep and inherent understanding of essential service provision and the governance framework that surrounds Australia's water industry.

Our vision is to develop and maintain assets that add value for our clients and their customers.

We create outcomes that are safe, sustainable and sensitive to the environment. Our self-performing field crews are supported by a network of over 200 engineers and project management professionals.

With offices placed across Australia to support critical projects, and a 50-year heritage rich with water industry insights and smarts, our longstanding local teams know their communities and challenges.

A high performance culture and drive for continuous improvement means we are committed to innovation, challenging conventional approaches, safety, productivity and unlocking real value for our clients.



## SmartHub Technology

Leveraging our best practice systems, Comdain's internally developed SmartHub is a world-class, industry leading mobile software solution with the proven capability of managing over 100,000 work orders annually.

SmartHub's suite of applications minimises administration with features such as real time data, web based management reporting and asset information capture. Revolutionary technology designed to maximise productivity.





## EXEMPLARY SAFETY CULTURE

**Take the Lead** is a Safety Vision initiative developed at Comdain to influence behaviours, not just measurable outcomes.

Comdain is a leader in safety, quality and risk management. We continue to learn and implement global best practice in everything we do. Our safety culture thrives at all levels of the organisation.

**SAFETY  
VISION** Take  
the  
lead

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Proud Supporter

