

**ENSCOPE**

A QUANTA SERVICES COMPANY



# CAPABILITY STATEMENT

## ENERGY INFRASTRUCTURE

Management, engineering & commissioning services



# COMPANY OVERVIEW

Enscope provides project management, engineering, procurement, construction and commissioning services in support of energy infrastructure developments.

Enscope was formed in 2009 in Perth, Western Australia, as an outcomes focused project services organisation providing project feasibility, management, engineering, project controls and completions services to the mid-size gas and energy sector.

Since formation, Enscope has established a strong and dynamic team of engineers and project managers. We offer our clients and partners a unique, specialised and valuable skillset in the delivery of energy infrastructure projects. With a breadth of services ranging from concept development and feasibility through to EPCM, EPC and D&C project delivery and commissioning, we add value across all phases of the project development and delivery lifecycle.

In 2015, Enscope was integrated into the Quanta Services group of companies and has established offices in Perth, Melbourne, Brisbane and Darwin. Enscope works closely with other Quanta businesses in Australia and overseas, and can provide our clients with access to the full suite of Quanta capabilities and services directly via Enscope, or through JV partnering under a range of contract models tailored to deliver best outcomes for the project.

As a wholly owned subsidiary of Quanta Services Inc., a NYSE listed company (NYSE: PWR) with an annual turnover of approximately US\$20.9 billion, we demonstrate a strong financial position which provides our clients with the necessary surety to embark on high capital energy infrastructure developments.

## LEGAL ENTITY

Enscope Pty Ltd

## TRADING AS

Enscope

## ABN

38 136 478 030

## ACN

136 478 030

## HEAD OFFICE

Level 1, 1 Cambridge Street  
West Leederville WA 6007

## POSTAL ADDRESS

7/50 Oxford Close  
West Leederville WA 6007

## COMPANY CONTACT

+61 (8) 6229 6500  
info@enscope.com.au  
www.enscope.com.au

## CONTACT PERSON

David Penter  
Manager  
Project Development & Strategy  
0421 272 200  
dep@enscope.com.au

## ELECTRICAL CONTRACTOR LICENCE NUMBERS

WA: EC13819  
SA: PGE296095  
VIC: REC-32613  
NSW: 388477C  
QLD: 86362  
NT: C3970





# OUR VALUES

At the foundation of our business is Enscope's culture and our core values. These are part of our Mission Statement and are embedded in the way we speak and the way we act. They are demonstrated in how we go about our business and our decision-making processes in relation to safety, environment, quality and productivity in striving for best for project outcomes.

Our mission is to be our customers' preferred choice for mid-sized gas and energy infrastructure project delivery.

We will achieve this through applying our values in everything we do:

- ✓ Act with **integrity**;
- ✓ Be accessible and **accountable**;
- ✓ Apply **innovation** to continually improve; and
- ✓ Promoting a culture of **inclusivity** and **safety** in all our work.

Key to achieving our mission is understanding our customers' interests, adding value and delivering on our commitments.

We will pursue opportunities to challenge our team to grow and expand our capabilities.







# BEST FOR PROJECT

We support our clients to efficiently develop and deliver energy infrastructure opportunities.

At Enscopeco, we strive to proactively understand and define the objectives, constraints and success factors for each project.

We objectively assess the project's key drivers and adopt a 'best for project' approach to help our clients and partners achieve an efficient and effective outcome.

As this is always our fundamental approach, our key personnel naturally possess a wealth of experience in the delivery of energy infrastructure projects. In addition to our core EPCM, EPC and D&C services we can successfully deliver results as part of a construction contractors team or as part of the Owner's project team.

Our ethos is embodied by a team of problem solvers who work hard and who are motivated to deliver solutions. We maintain an effective, agile and proactive approach for the benefit of the project.

Through the involvement of Enscopeco, our clients are able to directly benefit from our experience. This leads to reliable outcomes and efficient management of project delivery risk.



# CORE SERVICES

A project management office servicing the energy infrastructure sectors.

Enscope provides project development, project management, engineering, construction and commissioning services in support of energy infrastructure developments. Typical projects and facilities we have been engaged to support include:



Natural gas  
compressor  
stations



Natural gas  
pipelines & pipeline  
facilities



Gas treatment  
& storage  
facilities



Power  
generation  
facilities



Renewable  
energy storage



Decarbonisation,  
hydrogen &  
biomethane

Enscope can deliver EPCM and EPC projects direct for clients, or can support our clients and partners as part of an integrated project team. We also undertake stand-alone analyses and assessments to help define the scope, cost and schedule for prospective projects, or to support the needs of existing assets.

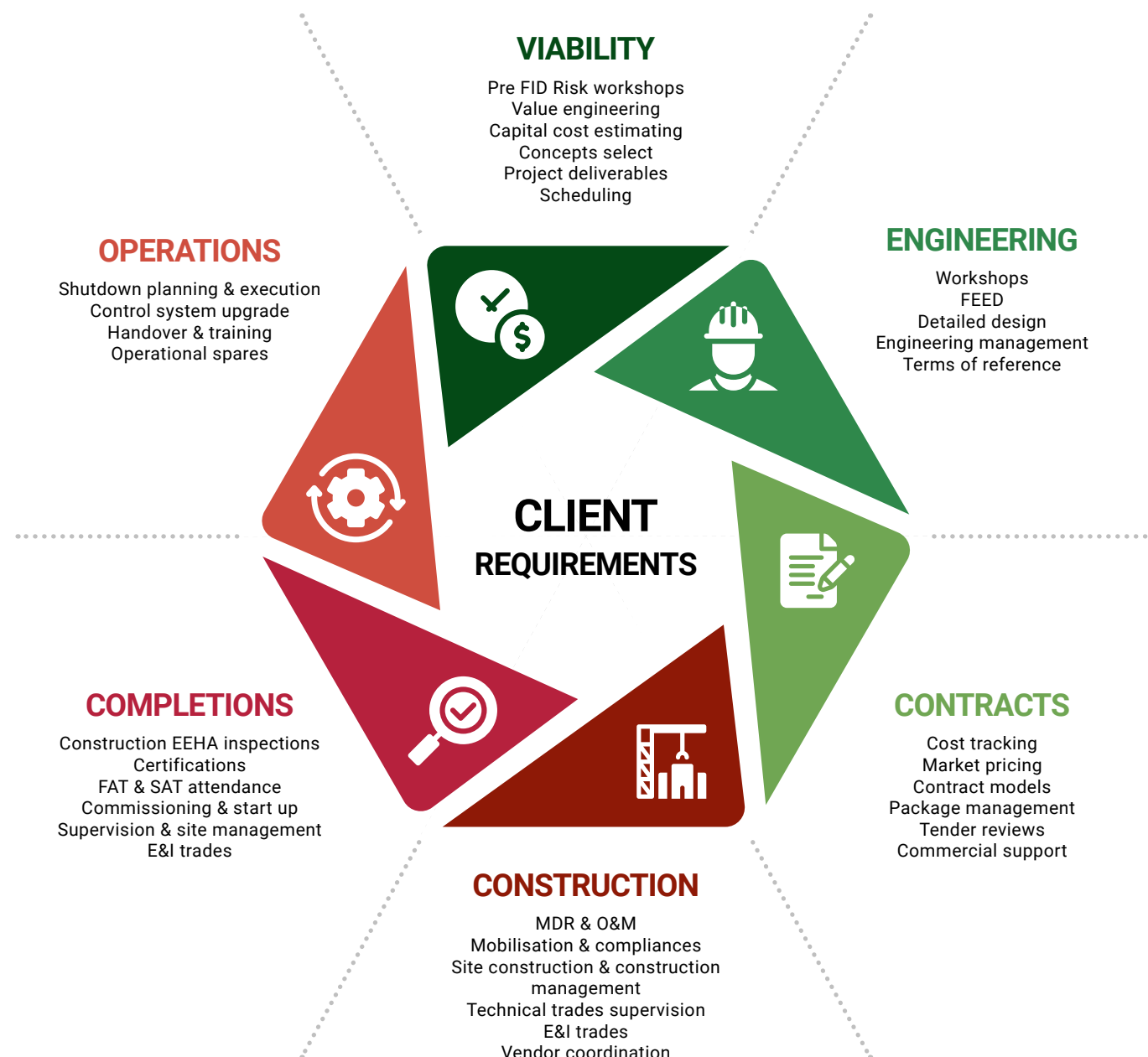
Our team includes project managers, designers, construction managers, engineers, commissioning technicians and trade qualified electrical and E&I and commissioning technicians capable of fulfilling typical functional roles in EPCM, EPC and D&C project delivery organisations, or as part of the construction contractor's team.





# OUR SKILLS

We are adept at achieving successful commercial and technical outcomes through application of our core skills comprising: project definition, project management and execution, engineering and targeted problem solving.



Technically proficient project managers, and commercially sound contracting strategies and contract management.

## Viability & Pre-FID

- Project cost modelling for whole of project: Owner's costs; engineering design; procurement; fabrication; construction; commissioning.
- Risk-based estimate sensitivities: our in-house developed cost model includes integrated risk-based cost analysis to derive high and low probabilistic estimates.
- Top-down and first-principles cost estimating.
- Project execution options and contracting strategies: ECI; EPC; EPCM; BOOM; lump sum; reimbursable and cost-plus; managing contractor; rates; day works and schedule based formats.
- Project risk identification and assessments.
- Scheduling and programming of full project activities and deliverables.
- Value engineering.
- Liaison with municipal and state authorities for code, legislative and regulatory compliance.

## Feed & Engineering

- Technical definition and basis of design: functional performance requirements; ambient conditions & environmental design criteria; codes, standards & specifications; multi-discipline engineering design criteria.

- HYSYS process modelling.
- Engineering management, engineering coordination.
- Detailed design.
- Multi-discipline: process; mechanical & piping; pipelines; electrical; instrumentation & control systems.
- Drafting.
- 3D modelling.

## Contracts & Procurement

- Contract preparation and market pricing analysis through to formal tendering and award.
- Commercial contract structuring based on industry KPIs and client/project drivers.
- Technical and commercial tender review and selection.
- Equipment and material procurement: major equipment & long-leads; packaged equipment; minor equipment; valves; instrumentation; piping materials; line pipe; electrical cables; construction equipment.
- Logistics management, expediting, inspection and receipting.
- Contract management, cost tracking and forecasting.
- Package engineering.





## Operations engagement, knowledge transfer and handover.

### Execution & Construction

- Project management.
- Project life cycle scheduling and planning.
- Site management and project engineering.
- Multi-discipline fabrication and construction management: civil; structural, mechanical & piping; electrical & instrumentation; pipelines.
- Self delivery of electrical and instrumentation work.
- Health & safety management.
- Environmental management.
- Quality assurance & quality control.
- Constructability, safety risk assessments.
- Plans, procedures, work packs, JHAs / safe work method statements.
- Construction documentation and records: MDR; ITPs; FICs; ITRs; material certificates & traceability; fabrication records & weld maps; qualification & competency records; inspection & test records; as-built documentation.

### Completions & Commissioning

- Commissioning planning and preparation: pre-commissioning & commissioning procedures; HAZIDs; permitting; coordination of regulatory approvals.
- Inspection of construction records.
- Pre-commissioning and commissioning readiness.

- Vendor FAT and SAT attendance and coordination.
- Systems handover and final punchlisting.
- On-site commissioning management and engineering to complete pre-commissioning, commissioning and performance testing.
- Self delivery of electrical and instrumentation work.
- Compilation and handover of final commissioning records and commissioning dossier.

### Operational Support & Troubleshooting

- Facility and equipment handover to Operations.
- Training of Operations staff.
- Documentation and maintenance mapping.
- Spare part and inventory mapping.
- Retrofitting, debottlenecking, control system upgrades.
- Implementation of aftermarket vendor products and upgrades.
- Plant integrity inspections.
- Operational plant augmentation / upgrades.
- Overhaul coordination.
- Shutdown planning and management.
- Decommissioning and demolition.



# ELECTRICAL SERVICES

Building on Ensco's strong performance in the delivery of **Completions and Commissioning Services** we have built a **TECHNICIAN-FOCUSED** trades team to support our offerings.

Ensco's Electrical team is made up of experienced Construction Managers, E&I Superintendents and Supervisors, Leading Hands and Technicians - both Electrical and Mechanical and all experienced personnel in delivering works as part of a broader project or discrete packages of work.

To facilitate these services Ensco has established Electrical Contractor's Licences in Western Australia, Victoria, Queensland, South Australia and the Northern Territory.

Ensco's team can be mobilised on short notice and can be self-sufficient in terms of tooling and consumables when mobilised with our dedicated Commissioning Tooling Containers and Fully Insulated/Air-Conditioned Instrument Testing Facility.

Our personnel are experienced in both the Construction and Commissioning of Gas Processing and Storage Facilities, Gas Pipelines, Compressor Stations, Petrochemical Facilities, Generation, and Renewable Facilities.

## Completions and commissioning specialists.

### Execution & Construction

- Constructability & safety risk assessments
- Plans, procedures, work packs & JHAS / safe work method statements
- Self delivery of electrical & instrumentation work
- Earthing & cathodic protection
- Installation of underground conduit & pit systems
- Power & control / instrument cabling installation & termination
- Installation of cable support systems
- Instrument & associated instrument tube installation
- Chemical injection tubing installation
- Installation of fire & gas detection & suppression equipment
- Pre-installation calibrations & inspections
- Hazardous area device installation & inspection
- Quality assurance & quality control
- Compilation of hazardous area dossiers
- Construction documentation & records: MDR; ITPS; FICS; ITRS; material certificates
- As-built documentation
- Construction hand over packs
- Provision of tooling & equipment

### Completions & Commissioning

- Cold & hot loop testing
- Instrument calibration verification
- Energisation & function testing
- Administration of online completion management systems
- Hazardous area dossier compilation & reviews
- Cause & effect testing
- Safety system implementation & commissioning
- HV switching plans & operation
- Vendor FAT & SAT attendance & coordination
- Systems handover & final punchlisting
- On-site commissioning management & engineering to complete pre-commissioning
- Commissioning & performance testing
- Compilation & handover of final commissioning records & commissioning dossier
- Provision of ongoing trades support to operations teams
- Procurement of tooling & test equipment
- Provision of tooling & equipment



# DELIVERY MODELS

Our focus is on achieving best for project outcomes and we are experienced in working with various delivery models to suit our customer's needs. Ensco prides itself on understanding and meeting our customer's needs with efficiency and flexibility.

Options include:

## Early Contractor Involvement (ECI)

Ensco brings experience to deliver complex projects utilising the ECI model. This delivery model helps identify and reduce risks early in the project by utilising complementary engineering, construction and commissioning skills, along with those of our clients, all in a fully transparent open book manner.

## Engineering Procurement Construction Management (EPCM)

Ensco has extensive knowledge and experience in delivering projects under an EPCM framework. This delivery model is best suited to customers who want more control over decision making for the project and can reduce cost through better risk allocation.

## Engineering Procurement Construction (EPC)

Ensco brings experience and balance sheet strength to deliver complex projects utilising an EPC model. Traditional 'turnkey' EPC contracting is best suited where clients wish to transfer delivery risk to the contractor and maximise cost surety.

## Collaborative Partnerships (CP)

Ensco often works collaboratively with customer organisations to deliver early aspects of project initiation, concept design right through to commissioning and operations. This model helps reduce overheads and minimises interface risks across all aspects of a project's delivery. A great way to optimise project costs collaboratively with our customers.





# SAFETY



Enscope is committed to the health and safety of our employees, customers, contractors and the communities in which we work.

It is our mission to provide and maintain a safe work environment for our family of employees. Our core philosophy is that safety takes precedence over all business pursuits and work practices.

## We are thinking about safety differently.

We are in the people business and we know that people are fallible. We will always do our best to prevent incidents, but we realize that mistakes will happen. When mistakes happen, the question becomes, “Do we have the ‘capacity’ to absorb failure without causing harm?”.

To be ready, we will plan and execute work assuming that failure will happen at any moment. We will learn from each job, each mistake, and each success to continue getting better. Safety is not merely the absence of injuries; it is the presence of capacity for safe failure. Safety is not just a policy —safety is at the core of who we are and at the forefront of our focus.

# ENVIRONMENTAL SOCIAL GOVERNANCE



It's clear the energy market is transitioning and with it comes more focus aimed at ESG (Environment, Social, Governance) principles including a net zero future.

Enscope has established an ESG programme that is both consistent with our parents' corporate objective and is meaningful for our team. In addition to obligatory corporate governance activities our ESG programme is centered around local community engagement in the areas in which we operate as well as playing our part to promote fairness and equality for all members of our communities.

While we self-perform the vast majority of our work, when we bring in a partner, we are committed to supporting locals and promoting diversity. Our social license and respect for the communities we operate in drives our business to continually think beyond the scope of the formal works to ensure we leave lasting positive legacies.





# ABORIGINAL AND TORRES STRAIT ISLANDER ENGAGEMENT STRATEGY

In August 2020 Enscope conducted an employee survey to gauge our employees appetite for an Aboriginal & Torres Strait Islander Engagement Strategy (AES).

The result was positively overwhelming showing that this initiative was considered important and necessary by our people, and from this our AES was born. Our AES solidifies the meaning of our Social License to Operate. We have an AES because:

- ✓ ESG is an important part of our business and Indigenous engagement is an integral part in this;
- ✓ We believe that increased diversity and inclusion adds value to our business and clients, and it is important to the business's long-term sustainability;
- ✓ We want to play our part in the National 'Closing the Gap' agenda including facilitating people to reach their full potential through education pathways and employment; in facilitating strong economic participation and development; and by helping reduce issues like long-term unemployment and welfare dependency.

Our AES is a statement of our commitment to walk with Aboriginal and Torres Strait Islander communities and to help in bringing tangible economic and social benefits for local Aboriginal and Torres Strait Islander people living in the communities in which we operate. We aim to do this with wisdom, knowledge and understanding, respect for culture and acknowledging the past as a starting point for doing things better in the future.

**KEY PRINCIPALS.** Enscope has a dedicated Aboriginal & Torres Strait Islander Engagement Working Group that champions our AES. The pillars of our AES are:



## Employee Awareness

Our journey starts with our own education. We promote awareness and education of Aboriginal history, culture and reasons for today's social disadvantage. Listen, Learn, Understand, Engage.



## Supply Chain

We actively source potential opportunities for engagement with Aboriginal-owned businesses, at a corporate and individual project levels. In doing so, we build relationships and respect, and promote prosperity for Aboriginal people.



## Donations + Volunteering

Our employees are encouraged to volunteer at least one paid day per annum to causes of their choosing. Our approach is to be hands on as much as we can. We do however accept that there are instances where influence is driven better by donations. In these cases, we respond accordingly by supporting any causes that align with our beliefs and values.



## Education + Employment

Education plays a crucial role in "closing the gap". We believe that good education is key to improved prosperity and quality of life. We support organisations with demonstrated track records in improving the education of Aboriginal people in our communities.



# OUR PROJECTS

## WESTERN AUSTRALIA

- 1 Pluto Gas Plant
- 2 Gorgon LNG Plant
- 3 Pluto Compressor Station
- 4 Macedon Gas Plant
- 5 Turee Creek Compressor Station
- 6 Coburn HMS Power Station & LNG Storage Facility
- 7 Mondarra Storage Facility
- 8 Xyris Production Facility
- 9 Eastern Goldfields Pipeline
- 10 Kwinana Nickel Refinery PLNSP Project
- 38 Abra Power Station & LNG Storage Facility
- 43 Thunderbird Power Station & LNG Storage Facility

## NORTHERN TERRITORY

- 11 Phillip Creek Cryogenic Gas Processing Facility
- 12 Northern Gas Pipeline
- 41 Sturt Plateau Compression Facility
- 44 Owen Springs Power Station
- 46 Darwin-Katherine BESS

## AUSTRALIA

DARWIN

## QUEENSLAND

- 13 Mt Isa Compressor Station
- 14 Kennedy Energy Park
- 15 QCS4
- 16 Atlas Compressor Station
- 17 Talinga Orana Gas Gathering Station
- 18 Queensland Gas Pipeline
- 19 Wallumbilla Hub
- 20 WCS3
- 36 SS2

BRISBANE

## NORTH ISLAND

Kupe Gas Plant

## NEW ZEALAND

27

## SOUTH AUSTRALIA

- 25 Katnook Gas Processing Facility
- 26 Moomba Compressor Station

ADELAIDE

## VICTORIA

- 22 East Gippsland Compressor Station
- 23 Longford Compressor Station
- 24 Otway Nearshore Phase 2
- 45 Hastings Generation Long Island Point

HOBART

## NEW SOUTH WALES

- 21 Michelago Compressor Station
- 37 MW880
- 40 MW443
- 42 Kurri Kurri Gas Storage Facility

## UNITED STATES

## INDIANA

St Paul Compressor Station

## OHIO

- 32 Hamilton Compressor Station
- 33 Washington Compressor Station
- 34 Chandlersville Compressor Station
- 35 Columbus Compressor Station

## TEXAS

29 Raven Chemical Plant

## MAIN ISLAND

Kutubu Oil Refinery

## PAPA NEW GUINEA

28

## LEGEND

- Gas compressor station
- Gas pipeline / facilities
- Gas storage facility
- Petrochemical
- Oil refinery
- Hydrocarbon processing
- Renewable energy facility
- Power generation facility
- Headquarters / Office



# THE QUANTA ADVANTAGE

At Quanta Services Australia, we collaborate with our customers to provide the best, most comprehensive solutions on projects of any size. We will self-perform the core of our business, delivering cost certainty and safe execution. Every project, every time.

Our project management service combines preparedness with flexibility – and consistent, safe execution on complex jobs. We leverage the skill and depth across our operating companies, supporting customers with a seamless experience from beginning to end.

As utilities and customers across Australia continue to search for the best ways to deliver projects safely and sustainably, we will continue to innovate in order to support their initiatives. We have a proven track record of success that collectively spans more than a hundred years through our parent company in the US and utilise the balance sheet, training and knowledge from them in providing security and certainty to our customers.

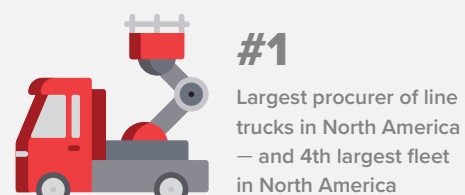
## Quanta by the numbers:



**PWR LISTED NYSE #192**  
NYSE: PWR, S&P 500, Fortune 244

### 2025 FORTUNE 500 COMPANIES

<b>192</b>	<b>QUANTA SERVICES</b>
279	Keurig Dr. Pepper
298	United Rental
347	MasTec
513	Xerox Holdings



## Our sister companies:



**CONSOLIDATED POWER PROJECTS (CPP)** is a high voltage electrical engineering and construction company providing full design and construct EPC services for electrical infrastructure from 33kV through to 500kV across Australia. CPP has unrivalled experience of electrical balance of plant for renewable projects (wind and solar farms and battery storage) throughout Australia. [conpower.com.au](http://conpower.com.au)



**NACAP** is a specialist engineering, procurement and construction (EPC) contractor with over 30 years' experience delivering complex cross-country projects. These include power, pipelines, facilities and civil infrastructure in the oil and gas, power, renewable energy, mining and water industries. Nacap's services are broad and varied and include civil construction, pipeline installation, hydrostatic testing, mechanical, HV cable installation, roads and right-of-ways, wind turbine foundations, camps, process and facilities construction plus commissioning/decommissioning. [nacap.com.au](http://nacap.com.au)



**INTELLECT SYSTEMS** specialise in providing end-to-end operational technology solutions. They focus on delivering electrical, control systems, communications, and industrial IT projects. Their services include: Control Systems, Electrical Engineering, Industrial IT, Switchroom and Switchboard Manufacturing, Functional Safety and Process Optimisation in Industrial Operations. They cater to industries such as resources, energy, infrastructure, and manufacturing, aiming to improve and streamline systems and processes through smart and practical use of technology. [intellectsystems.com.au](http://intellectsystems.com.au)



**AXCENTIUM** is a professional services consultancy specialising in Infrastructure development, management and operational optimisation. With deep experience in the asset intensive electricity transmission and distribution industry, Axcentium was founded to provide clients with specialist technical, risk and economic advice. [axcentium.com](http://axcentium.com)



We evolve with our customers.  
When our customers succeed, we succeed.



**QUANTA SERVICES AUSTRALIA**



# SENIOR MANAGEMENT TEAM



## PHIL IRELAND | President

[phi@enscope.com.au](mailto:phi@enscope.com.au)

20+ years in the resources and Energy industries with expertise in:

- Operational and general management
- Project Director/Manager roles for complex multi-discipline EPC projects
- Full facility lifecycle delivery from concept through to commissioning, handover, startup and into operations and maintenance
- Business strategy and development
- Contract strategies, commercial evaluation and risk management



## YORICK VAN DOMMELEN | Principal, Project Delivery

[yvd@enscope.com.au](mailto:yvd@enscope.com.au)

Company co-founder and 28+ years in the oil and gas industry with expertise in:

- Project analysis and first principles capital cost estimating
- Senior Project Manager for multi-discipline and technically complex projects across various industry sectors
- Extensive renewables (wind and solar) project management experience
- Major capital works and infrastructure engineering and project management



## DAVID YOUNG | Principal Engineer

[dsy@enscope.com.au](mailto:dsy@enscope.com.au)

Company co-founder and 25+ years in the oil and gas industry with expertise in:

- Multi-discipline engineering management of gas projects
- First principles project and capital cost estimating
- Management of construction, project completions, pre-commissioning, commissioning and performance testing



## BRETT SHALDERS | East Coast Manager

[bas@enscope.com.au](mailto:bas@enscope.com.au)

20+ years experience in power generation, oil and gas industry with expertise in:

- Legislative compliance, operations and asset management of major gas infrastructure
- Operations and technical risk management
- Capital program management and project delivery
- Contracting strategy and negotiations
- Technical asset due diligence and investment reporting



## CHRIS SAVIETTO | General Manager, Engineering

[cjs@enscope.com.au](mailto:cjs@enscope.com.au)

20+ years in the oil and gas industry with expertise in:

- Multi-discipline engineering management of oil and gas projects
- Engineering management for concept and FEED study work
- Construction delivery and execution
- Project completions, pre-commissioning, commissioning and performance testing
- Procurement and package management both domestic and international



## ALEX FOX | General Manager, Projects

[arf@enscope.com.au](mailto:arf@enscope.com.au)

25+ years in the resource, oil and gas industry with expertise in:

- Operational and general management
- Project Director/Project Manager roles for JV and complex multi-discipline engineering and construction projects
- Project planning and cost control
- Commercial evaluation and negotiation



## DAVID PENTER | Manager, Project Development & Strategy

[dep@enscope.com.au](mailto:dep@enscope.com.au)

20+ years in the oil, gas and energy industries with expertise in:

- Strategy and business development
- Conventional and new energy project development
- Concept and feasibility study management
- Engineering management of multi-discipline design projects
- Project delivery in onshore/offshore and greenfield/brownfield environments



## SCOTT SHARBANEE | Technical Manager, Energy Systems

[sbs@enscope.com.au](mailto:sbs@enscope.com.au)

20+ years in the gas and energy sector with expertise in:

- New energy projects including hydrogen, renewables and alternate energies
- Multi-discipline engineering management of energy projects
- Project management and coordination
- Full project lifecycle: concept/FEED through to commissioning and handover
- Chartered Engineer (CPEng), Fellow of Institute of Engineers Australia (FIEAust)



## HENNO GREEFF | Operations Manager

[hgr@enscope.com.au](mailto:hgr@enscope.com.au)

15+ years in the resource and oil and gas industry with expertise in:

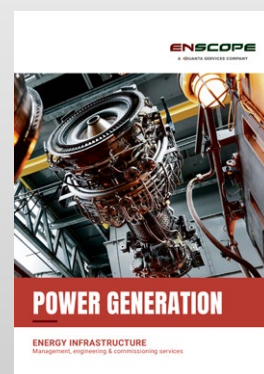
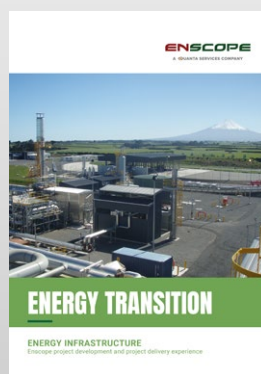
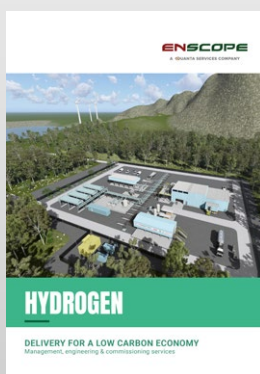
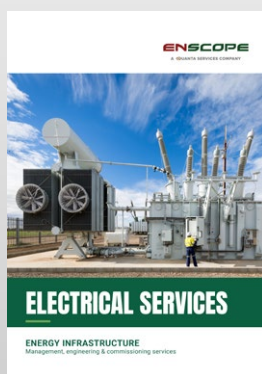
- Projects delivery across mining, petrochemical, oil and gas, and renewables
- Brownfield and greenfield projects in Australia and Africa
- Project Manager for concept, FEED and execute phases of EPC/EPCM projects
- Project controls including cost, procurement and supply chain and progress reporting
- Commercial evaluation, negotiation, and dispute resolution





# ENSCOPE

A QUANTA SERVICES COMPANY



## PERTH

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## MELBOURNE

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Scan/click on the QR Code to view our capability statements, or visit

## ENSCOPE.COM.AU

