



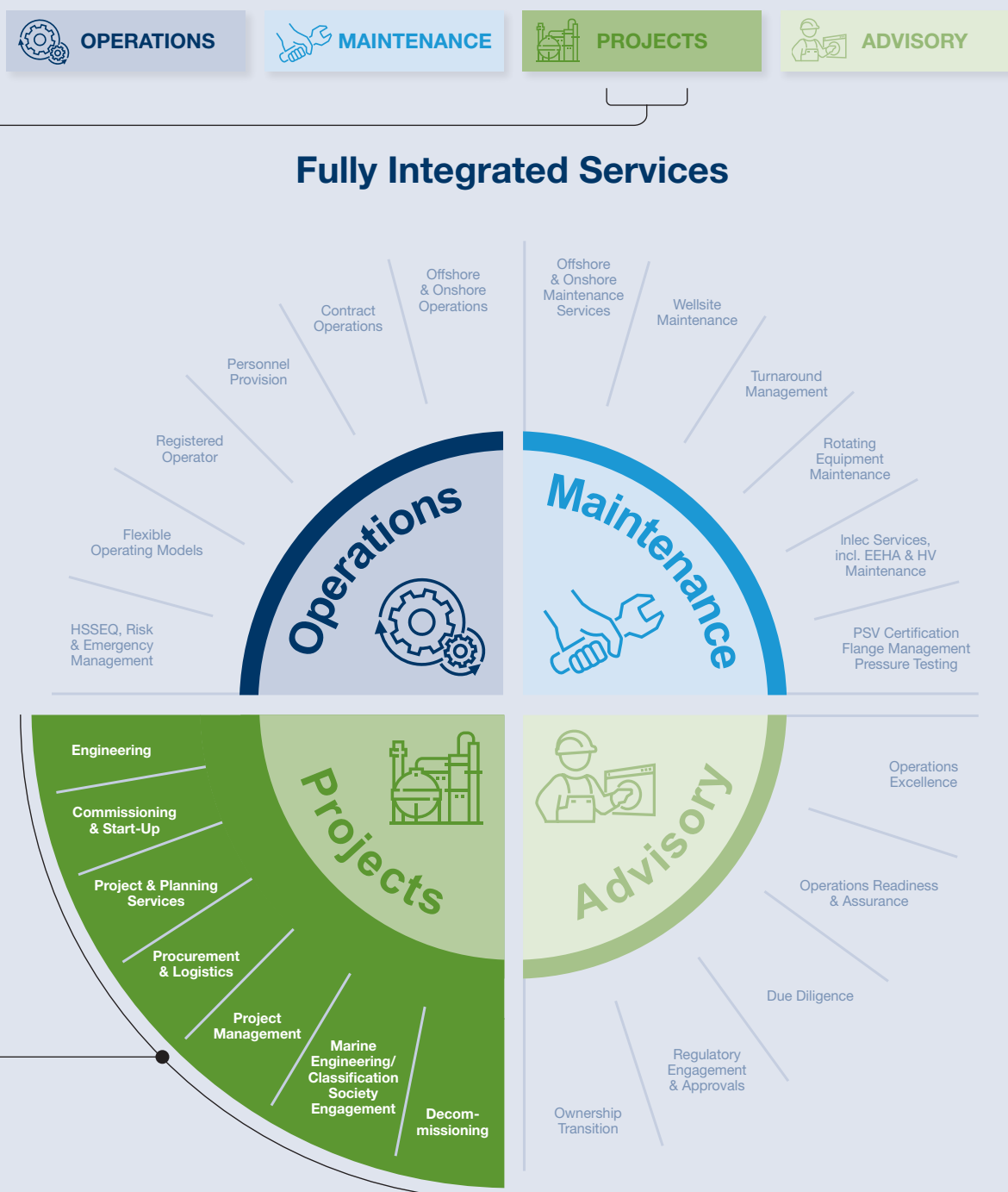
# EPC and Project Management Services

PROJECTS

# PROJECTS

# Upstream PS is a leading provider of fully integrated production solutions to the oil, gas, water and energy industries.

Our multi-disciplined engineers and project managers provide onshore and offshore project management and technical support throughout the asset/facility lifecycle. Whether its brownfield or greenfield engineering projects, we can add value during the concept, design and implementation phases of projects by leveraging our vast operations and maintenance experience and inhouse relationships between Engineering and Operations. As a result, the projects we design and deliver are safe, reliable, cost-effective and fully aligned with operational and commercial objectives. We ensure full understanding of project objectives, SOW and roles and responsibilities to ensure the appropriate contract model is chosen.





# Projects delivered with a production performance mindset.



Our early involvement in a project's lifecycle has proven cost, schedule and operational benefits. Our team has a long track record in servicing, modifying and extending production life on existing facilities.

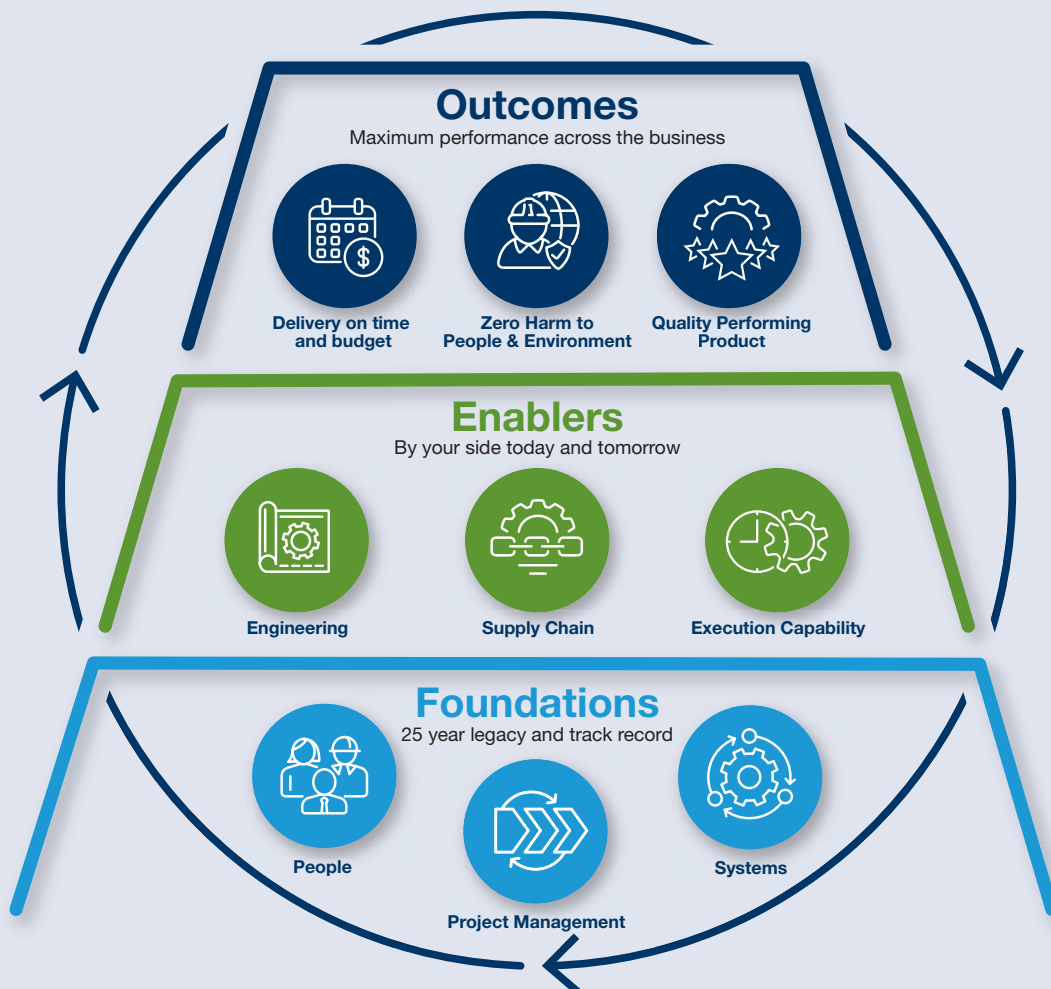
We provide a wide variety of project services supported by engineering, from minor modifications to major facility upgrades.

Our range of project management services include:

- Marine Engineering / Classification Society Engagement
- Engineering
- Project Management
- Commissioning & Start Up
- Decommissioning
- Procurement & Logistics
- Project & Planning Services

## Delivery Excellence Framework

Target: Project Management expertise that focuses on delivering projects on time on budget with zero harm.



# PROJECTS

# Our Project Experience

Value \$k/M	Project/Facility	Design Support	Commissioning	Engineering	Project Management Services	Technical Specialist Support	Operations & Maintenance
\$20M	QGC QCLNG, Well Appraisal Packages, QLD	✓	✓	✓	✓	✓	✓
\$100M	AWE, Dongara Production Facility, Perth Basin, WA	✓	✓	✓	✓	✓	✓
\$40M	CO2CRC, Otway Geosequestration Project, VIC	✓	✓	✓	✓	✓	✓
\$5M	Santos, GLNG, Well Appraisal Packages, QLD	✓	✓	✓	✓	✓	
\$500k	Santos, GLNG, Gas Busters (Lease Degasser Trial), QLD	✓	✓	✓		✓	
\$200M	Santos, Patricia Baleen Gas Plant, VIC	✓	✓	✓	✓	✓	✓
\$100k	Santos, GLNG, 2 Pipe Skids, QLD	✓	✓	✓	✓	✓	✓
\$300M	Roc Oil, Crystal Ocean FPSO (BMG Field), VIC	✓	✓	✓	✓	✓	✓
\$2M	Origin, Geographe Field, Subsea Development, VIC	✓	✓		✓	✓	
\$750k	Origin, Halladale Blackwatch Project, Owners Engineering, VIC	✓	✓			✓	
\$500k	Origin, Technical Support Services, Eastern Australia	✓	✓		✓	✓	
\$250K	SGH Energy, Longtom Asset, VIC	✓	✓			✓	
\$15M	APA, Orbest Upgrade, OE, VIC		✓				
\$500k	Santos, Sole Field Development Project, Owner's Engineering, VIC	✓	✓			✓	
\$3M	Compressor Bundle, Northern Endeavour FPSO, Timor Sea	✓	✓		✓	✓	✓
\$500k	Origin APLNG, Wellsite Solids Separation, QLD	✓		✓	✓	✓	✓
\$750k	Origin APLNG, TEG Skid Valve Upgrade Project, QLD	✓		✓	✓	✓	✓
\$5M	Origin APLNG, Brownfield Improvement Projects, QLD	✓		✓		✓	✓
\$70M	ZeroGen, Carbon Sequestration Facilities, QLD	✓	✓	✓	✓	✓	✓
\$1M	Origin, Lump Sum Drafting Services, Eastern Australia	✓			✓		
\$150M	Roc Oil, Cliff Head & Arrowsmith Plant, WA	✓	✓	✓	✓	✓	✓
\$150M	NOGA, Northern Endeavour FPSO, Timor Sea	✓	✓	✓	✓	✓	✓
\$500k	Empire Oil, Export Compressor Lubrication Upgrade, WA	✓		✓	✓	✓	✓
\$500k	AWE, Xyris Gas Plant Facility, WA	✓	✓			✓	
\$300M	NOGA, New Endeavours Operatorship Transition, Timor Sea			✓		✓	✓
\$500k	Karoon, Advisory Services, Corporate Systems, SA				✓	✓	✓

# EPC and Project Management Experience



## Northern Endeavour FPSO

(2015 - ongoing)

### Client

Australian Government (DISER)

### Summary

Working on behalf of the Australian Government, providing core operations and maintenance services and planned pre-disconnection project activities.

### Key Services

#### Marine and Class

Crude Oil Tank Cleaning and Inspection

Water Ballast Tank Inspection and repair

#### Engineering

Subsea/Topsides Flushing

Structural / Crane Repairs

Facilities Engineering - all major asset equipment

#### PM, planning, procurement, and logistics

Planning, scheduling, vendor and subcontractor management, procurement



## Santos MIC Project

(2021 - ongoing)

### Client

Santos

### Summary

Engaged to plan, schedule, coordinate and execute pipework and vessel inspections and, where necessary, fabricate, replace or repair following detection of microbiologically influenced corrosion (MIC) in both upstream and downstream pipe spools and separator vessels across various remote assets.

### Key Services

Over 1200 pipe spools identified with minimal wall thickness

780 corroded spools replaced within 12 months

Project coordination across all scopes of work

Completed all construction activities, completions documentation for the new vessels, upstream spools installed, and PSVs tested - incident and injury free



## APA Orbest Gas Plant Upgrade Project

(2015 - ongoing)

### Client

APA

### Summary

Following APA Group's acquisition of the Orbest Gas Plant and export pipeline in 2017, Upstream PS supported extensive upgrade works to facilitate the processing of sour gas from the offshore Sole Gas Field with first gas in March 2020. With detailed knowledge of the plant having operated and maintained the plant under Santos' previous ownership from 2001 to 2011.

### Key Services

SMP and E & I, commissioning planning, engineering and execution support

Construction interface management support and O & M resources

#### About Us

Upstream PS is a leading provider of operations, maintenance, projects and advisory services with a reputation for providing safe, innovative and sustainable solutions.

# EPC and Project Management Experience



## Origin APLNG TAR Project

(2019)

### Client

Origin APLNG

### Summary

Experienced multi-disciplined team delivering efficient maintenance modifications. Repairs to multiple gas production and water treatment facilities with over 2000 wells across four operational sites – continually improving on productivity targets and reduced well down-time.

### Key Services

E & I and HV Maintenance

NATA Accredited PSV Testing

TAR Shutdown Project Management, Planning and Execution

Wellsite Electrical & Mechanical Maintenance



## QGC Well Appraisal Package

(2016)

### Client

QGC

### Summary

Design, Manufacture, Fabrication and Installation of Well Appraisal Packaged Equipment. Cost effective design, minimise installation and commissioning window and reliable in-field performance.

### Key Services

EPCM activities to deliver project within 12 week timeframe. 12 hour leadtime to hook up the skid to the well

Installed packaged equipment including gas separator, flare module, solar powered programmable logic controller (PLC) based Remote Telemetry Unit (RTU)



## CO2CRC - Carbon Storage Project

(2006 - ongoing)

### Client

CO2CRC Limited

### Summary

Upstream PS project teams have worked on all three stages of the project:

Stage 1:  
Concept (2004 – 2009)

Stage 2:  
Risk Reduction (2009 – 2019)

Stage 3:  
Cost Reduction (2016 – 2019)

Maintained an LTI Free site since 2006

### Key Services

Drilling of five new wells and the construction of the surface facilities including gathering line network and compression

Concept, FEED & installation

Management of drilling operations and implementation of wells and surface facilities

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# LOCATIONS



#### About Us

Upstream PS is a leading provider of operations, maintenance, projects and advisory services with a reputation for providing safe, innovative and sustainable solutions.

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