The Oil & Gas platform provides engineering, construction, commissioning, decommissioning, and full asset life cycle support to the metal & minerals, oil & gas, and infrastructure industries in Australia, Asia, UK and North America.

It has the in-house skills and expertise to provide full spectrum services across the entire value chain of a project, from concept development and detailed design to procurement; fabrication to construction; commissioning to long term asset support. Services are provided on new build facilities (greenfields) and operating facilities (brownfields).

The platform engineers, constructs, commissions, operates, and maintains facilities with a solid commitment to safety and sustainability, while optimising productivity and costs at every phase of a project.

Our organisational philosophy is represented through our ‘Pursuit of Excellence’, and is continually reflected in our culture, conduct, and performance.

Businesses within the platform:

- Booth Welsh – Ayrshire, Scotland
- CH-IV – Houston, USA
- Clough – Perth, Australia
- Clough Enercore – Calgary, Canada
- Clough Murray & Roberts – Cape Town, South Africa
- e2o – Adelaide, Australia
Booth Welsh is an engineering services company founded in 1989 with headquarters in Ayrshire, Scotland. The company operates globally providing tailor-made, cost effective and flexible solutions for clients across industries including oil and gas, nuclear, petrochemical, chemical and utilities.

Booth Welsh leads the way in the provision of process consultancy, engineering and design, project management, implementation and commissioning specialising in providing instrument, control and electrical engineering including configuration, installation, maintenance and renewal of control engineering systems.

Booth Welsh are proficient at handling all aspects of engineering and project management from definition and design through to implementation, testing and decommissioning.

The company has unparalleled experience in providing tailored solutions to clients, safely, on time and within budget. Booth Welsh provide independent engineering solutions and 24/7 support services through the full lifecycle of engineering assets.

Booth Welsh’s proud history and values, combined with a passion for people and technological innovation, maintains the company’s position at the forefront of the engineering sector for more than two decades – a track record and pedigree Booth Welsh are proud to build on, year after year.

CH•IV International was established in 1991 and has offices in Hanover, Maryland and Houston, Texas.

CH•IV International provides consulting and engineering services to LNG asset developers, regulators, facility owners, operators and lenders to ensure assets are designed, developed, constructed and operated safely and in accordance with codes, regulations, and the project’s technical and commercial specifications.

The company provides the full spectrum of LNG consulting and design services from feasibility through to operation, to protect the developer’s investments across the entire project cycle. Specialised LNG products and services include import and export terminals, small scale and peakshaving facilities, regulatory support and production engineering and consulting.

CH•IV International specializes in the provision of LNG engineering and consulting services to the global LNG sector including North America, Asia, Africa, Europe, the Pacific Rim, and South America.
**Clough**

Clough has almost 100 years providing project delivery solutions to the Metals & Minerals, Oil & Gas, and Infrastructure markets.

**Metals & Minerals**
We have been serving mining clients for over 35 years. Our comprehensive engineering, procurement and construction (EPC) services assist clients to extract, process, store and export a variety of minerals including iron ore, coal, alumina, aluminium, copper, gold, limestone, mineral sands, nickel, pig iron, zinc and lead.

With in-house engineering, procurement, construction and commissioning capabilities Clough can quickly mobilise people, material and equipment for a flawless project start up. We self-perform Structural, Mechanical and Piping, Electrical and Instrumentation, Civils and Structures construction.

The unrivalled experience that Clough has with delivering complex projects in the Australian and Asian marketplace enables the development and implementation of project specific strategies that reflect the unique conditions of these markets.

**Oil & Gas**

Clough provides a full spectrum of services to the Oil & Gas market, encompassing engineering, procurement, construction, commissioning and asset support for upstream, downstream, onshore and offshore oil & gas and petrochemical facilities.

Specialist services includes:
- Oil & Gas
- Coal Seam Gas
- Petrochemicals

**Infrastructure**

Clough has been delivering infrastructure projects for over 60 years. In 1959 Clough completed its first major bridge project and since that time has been successfully delivering major public and private infrastructure projects.

Specialist services include:
- Marine
- Water and wastewater
- Power
- Roads and bridges

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**Clough Encore**

Clough Encore delivers a full suite of project delivery services from concept and feasibility studies, detailed engineering and EPCM - EPC solutions through production optimization, debottlenecking, commissioning and operational readiness.

Clough Encore brings together Australia’s leading engineering and project management contractor, with Canada’s EPCM service provider Enercore Projects Limited. Clough acquired Calgary based Enercore Projects Limited in October 2015. The united group provides a production focused approach, which aims to maximize the value of client assets across the project lifecycle. Our delivery model is a fresh approach to oil & gas contracting in North America.

Clough Encore offers an attractive alternative to the traditional commissioning model through the provision of an independent and specialised commissioning service. This assures a seamless transition from construction to operations and a flawless project start up for clients.
Clough Murray & Roberts has been established to leverage the significant synergies across two leading engineering and construction businesses – Clough Limited and Murray & Roberts.

Clough Murray & Roberts has over 50 years of history in jetty and marine infrastructure design and construction. The company has executed major marine facility projects across Australia, Sub Saharan Africa, South East Asia, Papua New Guinea and the Middle East, and specialises in delivery in remote and logistically challenging environments.

Clough Murray & Roberts reduces project risk by providing a complete engineering and construction solution that spans the project lifecycle. The company engineers with a constructability mindset, optimising safety, productivity and cost across every phase of a project.

Clough Murray & Roberts success lies in their integrated approach to project design and construction. The company’s engineering and construction teams work closely throughout the full project lifecycle, from proposal development through to implementation.

This approach maximises efficiency and reduces interfaces to deliver optimal time and cost outcomes to clients.

With a global network of high value resource centres, access to leading edge construction equipment, and the ability to draw on their parent companies’ workforces, Clough Murray & Roberts have the capability to enable rapid mobilisation of experienced teams to suit project requirements anywhere in the world.

Clough Murray & Roberts operating centres span Australia, Asia, Europe, the Middle East, Africa and North America.

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E2O (engineering to operations) is a leading multi-discipline technical service provider in Completions, Commissioning and Operational support for the oil & gas, mining and heavy industry sectors.

They assist clients by providing the best technical solution to effectively achieve project milestones and operational requirements, as the project moves from engineering, design and construction, through to completions, commissioning and operations, hence the name e2o (engineering to operations).

e2o promote a “total process” philosophy, finding big picture solutions rather than endless quick fixes and repairs, ensuring their clients projects are controllable, cost effective and efficient from day one. They achieve this by concentrating on niche areas essential to the lifecycle of a facility.

These areas require specialised attention from “engineering to operations” and beyond:

- Multi-discipline Completions and Commissioning
- Hazardous Areas (EEHA)
- Instrumentation and Electrical
- Project Services
- Information Management

e2o has the resources to be able to minimise the risk associated with all of these critical disciplines, including test equipment, management systems, trained and experienced personnel and expertise.