



GR PRODUCTION SERVICES
OPERATIONS – MAINTENANCE – PROJECTS – ADVISORY



Operation and maintenance services for hydrogen facilities

Green Energy

Multi-Skilled Hydrogen Teams

Scalable to Commercial Facilities



GR Production Services (GRPS) is a leading provider of integrated, safe and sustainable production solutions to the energy and resources industries, including hydrogen.

At GRPS, we recognise the critical role hydrogen plays in the global transition towards a sustainable and low-carbon energy future. We also understand our clients' need for capable and trusted operators which is why our 25+ years' experience managing Major Hazard Facilities, our resources and partnerships with industry, academia and government regulators, gives us a strong advantage over other providers. Our experience operating and maintaining hydrogen facilities covers all phases of the hydrogen asset's life cycle and includes:

- Project advisory services
- Operations readiness services
- Regulatory compliance

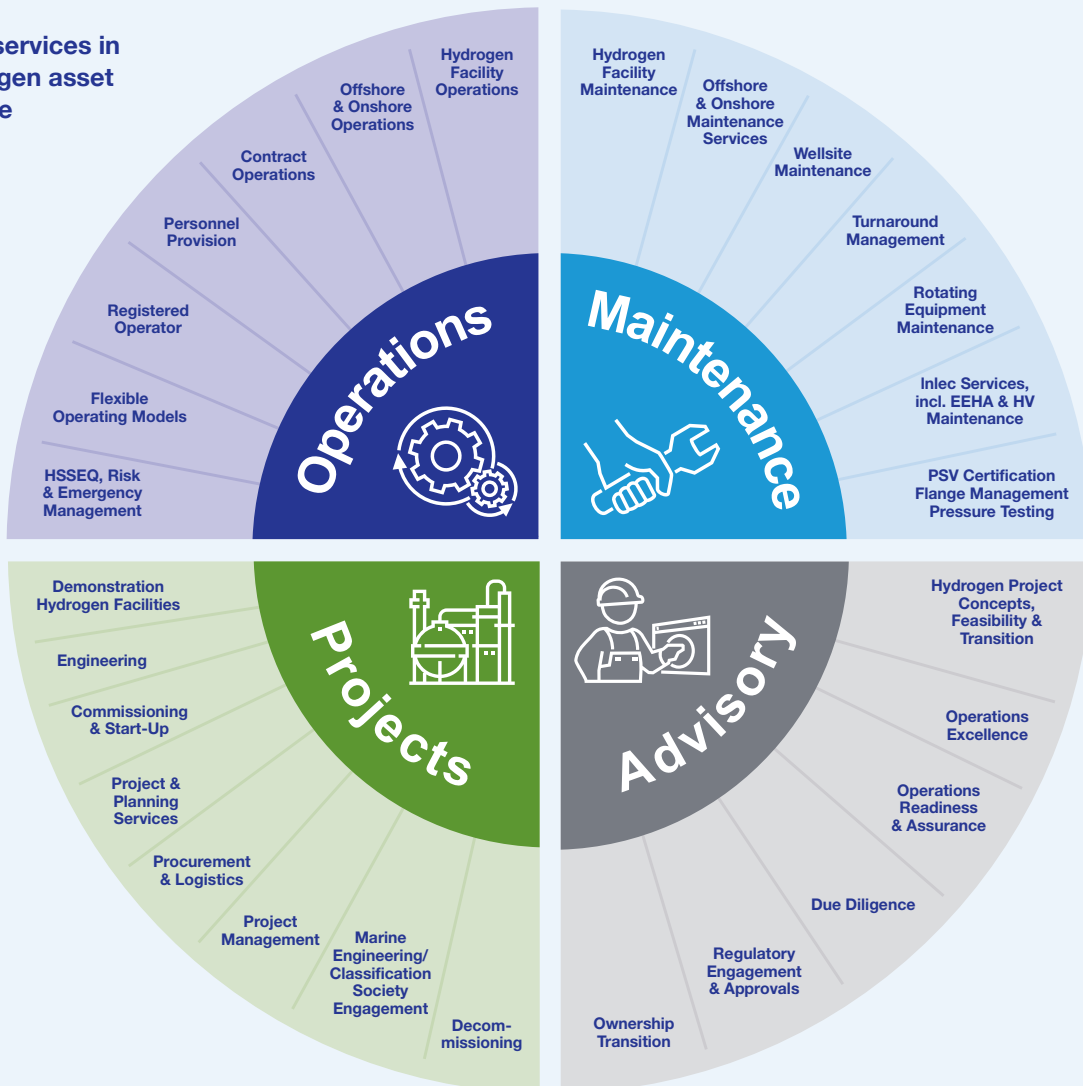


- Managing hydrogen facilities
 - Commissioning
 - Production operations
 - Maintenance & integrity
 - Decommissioning



Safety is a core value which underpins our ways of working with our robust safety program ensuring our client's assets adhere to strict safety guidelines and are compliant with regulatory requirements. Known as the 'Operator's Operator', we ensure that our client's objectives are also ours.

GRPS' services in a hydrogen asset life cycle





Hydrogen Energy Experience

Direct MCH Facility

(Demonstration plant operations 2023)

Client

ENEOS Corporation (EPC completed by Chiyoda)

Summary

In 2022 ENEOS developed a demonstration plant in Brisbane and using its proprietary low-cost “electrochemical synthesis of organic hydride” method, was able to produce methylcyclohexane (MCH), a liquid carrier of hydrogen which is stable at atmospheric pressure and temperature. The opening ceremony was held 30 January 2023 and the plant began operating the following month.



2023 ENEOS plant opening

GRPS was engaged by ENEOS to produce the commissioning and operational readiness deliverables in compliance with regulatory requirements. This included the Safety Management System, Risk Management processes, Emergency Response, Operations Team training and competencies and the development of procedures.

As the facility operator, GRPS was responsible for operating and maintaining the facility throughout the plant commissioning, production operations and de-commissioning phases.

Direct MCH Facility

(Expanded demonstration plant operations due early 2026)

Client

ENEOS Corporation (EPC completed by Chiyoda)

Summary

From 2024 through to 2025, ENEOS are developing a megawatt-class direct MCH (methylcyclohexane) electrolyser and process in Brisbane. This increased capacity demonstration plant is the base for a future commercial-scale plant.

GRPS have again been engaged as the facility operator of the project to manage the commissioning and production operations phases.

Additionally, we are providing operational advisory services during the detailed design phase with a focus on technical safety, process optimisation, fit for purpose operations and maintenance outcomes and OPEX minimisation. These will be achieved by implementing industry best practices, which is especially important with new technology. When the project enters the construction phase, GRPS will be responsible for commissioning and operational readiness as well as assurance activities.



ENEOS' commercial-scale plant vision

About GR Production Services (GRPS)

GRPS is a leading provider of operations, maintenance, projects and advisory services in the energy and resources industries. Our expertise is backed by more than 25 years of experience working with tier 1 and tier 2 clients on projects around Australia. We are part of the GR Group which includes ASX listed engineering consulting and contracting company GR Engineering Services (ASX: GNG) and operational technology and control systems company Mipac.

GRPS' strength is our ability to build lasting client relationships through reliable and consistent service and an excellent track record of successful project delivery. Our core values define our business and guides our people to a shared vision where:

- Our clients are our focus
- We are committed to innovation and quality
- Our people are our most significant strength
- We provide a safe and healthy workplace
- We will always act with honesty and integrity
- Respect for the community and environment



Where we work



GR Production Services 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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