

# Provaris Establishes Robotics Innovation Centre in Norway, Resumes Hydrogen Prototype Tank

## HIGHLIGHTS:

- **Innovation Centre in Norway established to operate a robotic cell for fabricating and testing prototype tanks for proprietary Hydrogen (H<sub>2</sub>) and Liquid CO<sub>2</sub> (LCO<sub>2</sub>) designs.**
- **Commissioning of robotic laser welding and handling equipment has been finalised, with the robotic cell now being recommissioned to demonstrate cost and production efficiencies for large-scale tank fabrication.**
- **Fabrication of the hydrogen Prototype Tank to restart this month, with completion and testing targeted for Q1 2026, supporting final Class approvals for the H2Neo™ carrier.**
- **Site visit from "K Line" shipping technical and commercial teams scheduled in the current quarter.**
- **Innovation Centre also supports the LCO<sub>2</sub> FEED stage development with Yinson Production, enabling the fabrication of a pilot tank or test sections supporting maritime Class approvals targeted for 2026.**

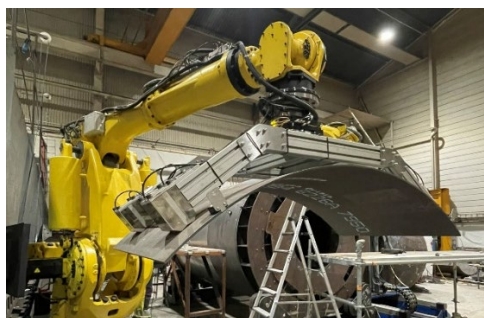
**OSLO: Provaris Energy Ltd (ASX: PV1, Provaris, the Company)** is pleased to advise the establishment of an Innovation Centre to locate and operate a robotic cell for the fabrication and testing of Provaris' proprietary tank designs for H<sub>2</sub> and LCO<sub>2</sub> and showcase the cost and production efficiencies for large scale tank manufacturing.

Located in Fiskå on the West Coast of Norway, the facility establishes a strategic asset for Provaris to develop and operate a fully automated, robotic production cell with potential to scale-up to produce commercial tanks.

The industrial-scale robotic cell features robotic arms, controllers, scalable jigs, and laser welding equipment, providing Provaris with key assets to develop and commercialise its proprietary H2Neo™ and LCO<sub>2</sub> tank designs.

### **The acquisition of a robotic cell represents a significant strategic asset for Provaris to showcase:**

- 1) Feasibility of construction of Provaris' proprietary layered tank designs.
- 2) Production cost efficiencies and quality assurance of laser and laser-hybrid welding.
- 3) Cost benefits of combining proven technologies of automation and robotic laser and laser-hybrid welding when constructing large steel tanks for integration with shipping and maritime applications.
- 4) Extension of Provaris IP and revenue opportunities to combine the license of tank designs and services to establish and monitor commercial fabrication facilities of licensed tank designs.



Innovation Centre located in Fiskå, Norway, and Installed Robotic Arms for Production of Prototype and Pilot tanks.

**Provaris' Managing Director and CEO, Martin Carolan, commented:** *"We are excited to have the robotic cell commissioned and in control of a strategic facility in Norway to demonstrate the material cost and production efficiency benefits of manufacturing large scale steel tanks, including the completion of the hydrogen prototype tank. This Innovation Centre will showcase the feasibility of constructing our proprietary tank designs for both H<sub>2</sub> and LCO<sub>2</sub> using robotics and laser-welding and play an integral role in advancing R&D, Marine Classification and Commercialisation for Provaris."*

### Hydrogen Prototype Tank Underway

The acquisition and recommissioning process has involved reinstating and reprogramming control systems, servicing laser and ancillary equipment, and securing consumables and automation licences. These works are substantially complete, with welding expected to commence in October.

The hydrogen prototype tank, will be built in four sections: two cylinders and two end-caps, with one cylinder and one end-cap partially complete. Welding will ramp up in the coming weeks to support fabrication completion milestone and testing scheduled for Q1 2026. Dimensions of the prototype are 11m length and 2.5m diameter with a total steel weight of circa 40 tonnes.

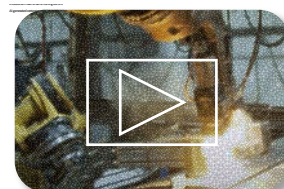
Further resources will be added to the operations team during the December 2025 quarter, with progress updates provided in the Company's Quarterly Reports and as key milestones are achieved.



Image of Robotic Arms for Material Handling and Laser welding, including jigs, partially complete cylinder section and end cap.

Site visits from key stakeholders are scheduled to occur over the next two quarters to observe fabrication and testing of the Prototype Tank. The robotic cell and H<sub>2</sub> Prototype Tank will demonstrate cost and production efficiencies for large-scale tank manufacturing. The visitors schedule includes Provaris' shipping partner for hydrogen carriers, "K Line" whose technical and commercial teams are confirmed to attend in the December 2025 quarter.

**To watch a two-minute video showing the robotic cell handling steel plates, performing laser-hybrid welding, and stake welding, click the link to our InvestorHub ([here](#))**



## LCO<sub>2</sub> Tank Design and FEED Program to Utilise Innovation Centre

The FEED stage for the LCO<sub>2</sub> tank project, integrated with Yinson's Floating Storage and Injection Unit (FSIU), covers the design of test sections for Provaris' proprietary tank. With design and testing protocols ongoing, planning will begin for fabricating tank sections at Provaris' Innovation Centre, using the established material handling and laser welding technology. More details will be available in December 2025.



Illustration: Provaris' 25,000 bcm LCO<sub>2</sub> Low Pressure Tank designed for Yinson's 100,000 bcm FSIU

Further details of the LCO<sub>2</sub> Tank FEED stage, which includes funding by Yinson, is available in the Company's ASX Announcement dated 16 September 2025 ([here](#))

**- END -**

This announcement has been authorised for release by the CEO of Provaris Energy Ltd

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To access Provaris InvestorHub please scan the QR code or visit <https://investors.provaris.energy/>



### About Provaris Energy

Provaris Energy Ltd (ASX: PV1) is advancing innovative Compressed Hydrogen (H<sub>2</sub>) and Carbon Dioxide (CO<sub>2</sub>) storage and transport solutions through proprietary tank designs for storage maritime gas carriers, and integrated supply chain development. Focused on simplicity, efficiency and scalability, Provaris enables regional supply chains that support the global energy transition. [www.provaris.energy](http://www.provaris.energy)

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