Queensland based diversified engineering company PFi have entered the renewable energy sector with the development of a high-performance metallic membrane for the purification of Hydrogen from Ammonia and Methane.

PFi Managing Director Gavin Dunwoodie will release information on the technology at the 2023 ASIA-PACIFIC HYDROGEN 2023 SUMMIT & EXHIBITION in Sydney this week

The Vanadium membrane technology will be manufactured at the companies 11000 sq/m facility in Brisbane. Plans are being drawn up for a new scaled up facility to be built in QLD that will produce the membranes in commercial quantities for export

"We are very excited to see the membrane technology develop".
"Government support in our technology has been great and allowed us to pivot out existing titanium membrane manufacturing process to build the new Vanadium membranes". Dunwoodie commented.

"Currently. The world is looking for a commercially viable technology to purify ammonia and natural gas into Hydrogen and either carbon for methane or Nitrogen for ammonia, our ability to alloy various high-performance metals with Vanadium will see us on a path to achieve this result. The tech we have already with Titanium is globally unique"

PFi currently employs nearly 300 engineers and tradesman and was established in 2005