



29 October 2021

Tēnā koe

Venture Taranaki Te Puna Umanga would like to express support for the Hiringa and Ballance Kapuni Green Hydrogen Project.

Venture Taranaki is Taranaki's regional development agency, encompassing a wide range of activities spanning local and regional economic development and strategy, enterprise innovation and growth, regional promotion and investment, and sector development. Venture Taranaki is a Council Controlled Organisation of the New Plymouth District Council, is governed by an independent Board of Trustees and committed to the principles of Te Tiriti o Waitangi.

The long-term impact that we are working towards is a Taranaki economy that supports the well-being of our people and our environment, underpinned by resilient enterprises, economies and communities.

Our work is guided by the Taranaki 2050/Tapuae Roa roadmap - developed through a co-creation process – which seeks a just transition for the region towards a high value, low-emissions resilient future, underpinned by inclusivity and sustainability.

Taranaki is the epicentre of the shift of our nation towards a low-emissions future. Taranaki:

- is the hub for New Zealand's oil and gas industry and contains all the nation's commercially producing oil and gas fields
- has substantial engineering and specialist energy supply chains including associated infrastructure
- is the home to the head offices of Methanex, Powerco, Todd Energy and Generation, and Firstgas
- is a significant hub for the dairy industry, and our rural communities and enterprises provide 10% of the nation's dairy herds, 20% of milk production (and through the medical grade lactoferrin plant, approximately 30% of the world's medical pill-bases)
- is home to major food producing industries, including four Fonterra production plants, three large meat processing plants, and major poultry production and processing operations.

Integral in the above is the transition of many of the key industries of our region, such as our oil and gas/energy industry, agriculture, engineering, manufacturing, transport and food production to become assets in the imperative to lower emissions – regionally, nationally and globally.

The aspiration and potential of the Kapuni Green Hydrogen to Ammonia Project is reflected in strategic documents of the region, including the Taranaki H2 Roadmap and the Energy Pathway Plan for our Roadmap to a low-emissions future, Taranaki 2050. The project will be a major step towards

# venture

## TARANAKI

Te Puna Umanga

Taranaki's (and Aotearoa New Zealand's) transition to a low-emissions future (and will make a contribution globally) for a number of reasons including:

- Supporting our energy and engineering sectors to transition towards low-emissions (or zero-emissions) gases and energy. These sectors make up a significant portion of Taranaki's GDP and employment.
- Minimising use of Urea manufactured with high emitting processes. Currently over 60% of New Zealand's Urea is imported from areas which use coal in the manufacturing process. Mitigating production using coal, and the emissions associated with transporting Urea, is important and allows us to stay consistent with our principals for a just transition.
- This project will fast track Taranaki (and New Zealand) as a hydrogen manufacturer, which not only supports the energy sector in terms of GDP and employment but also helps progress us towards decarbonising many of the hard to abate areas for our region and Aotearoa New Zealand, including heavy vehicles and industrial heat.
- The utilisation of our vast renewable energy source, such as wind energy, to help create green products and services, replacing or reducing our more emissions-intensive processes and products.

The latter comment above reflects a critical foundation step in the potential for our country and our region to make instrumental inroads in the low-emissions journey. While it is widely accepted that the direct use of renewable electricity will form a key part in our future energy mix (e.g. via electric heat pumps in homes or industry), what is less widely understood or appreciated is that renewable electricity can be used to produce energy-intensive green products and services. The Kapuni Green Hydrogen to Ammonia Project is an example of our renewable energy 'Power to X' potential.

We also note that PKW is a partner in the turbine project, which benefits their shareholders, the whānau whānui of the region, and the project is seen by PKW as an important opportunity to contribute to emissions reduction, including through the hydrogen fuel opportunity for heavy transport.

We note there can be concerns in relation to the project, including the significance of visuals and other values. Our understanding is that the project has been extensively researched to ensure its benefits regionally, nationally, can be realised, while risks and sensitivities acknowledged, addressed and minimised.

Ngā mihi



Justine Gilliland  
Chief Executive