



Te Hā o Tāwhirimātea Offshore Wind Study Tour

UK, Belgium and Germany – June 2023

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The Delegation

- Iwi of Taranaki
- Waikato-Tainui
- Ngāti Whātua ki Kaipara
- New Zealand Trade and Enterprise





The Purpose

To gain a greater understanding on the potential opportunities and challenges for iwi and hapū if offshore wind energy generation develops in Aotearoa.

The Tour

11 days across UK, Belgium and Germany to see:

- Two operating offshore wind farms.
- Attend the RenewableUK Global Offshore Wind Conference.
- Visit the most important port for Germany's offshore wind industry.
- Visit two multidisciplinary offshore wind developers.

Seagreen Wind Energy Offshore Wind Farm

- 27km from the Angus coast, Scotland.
- 114 turbines.
- Deepest jacket installations in the world at 65m water depth.
- Generates up to 1075MW of energy which powers 1.6 million households.



Parkwind's Belwind Offshore Wind Farm

- 49km from the Ostend coast, West Flanders, Belgium.
- 56 turbines.
- Monopile foundations in water depths of between 15 to 37m.
- Generates up to 171MW of energy that powers 160,000 households.





RenewableUK global offshore wind conference, London

The key themes included:

- Strategic government and industry investment.
- Industry capacity and capability.
- Regulatory settings.



Cuxport, Cuxhaven, Germany

- Most important multi-functional deepwater port in Germany for offshore wind.
- 6 berths (with 3 additional berths planned for construction).
- Estimated 30 years of offshore wind construction work ahead.





Pure New Energy (PNE) in Cuxhaven

- 30 years' experience in onshore and offshore wind.
- Developed four offshore wind farms in Germany (1,342 MW).
- 800MW to be commissioned between 2024 and 2028/29.
- Assessing the potential to develop in Aotearoa.





Siemens Gamesa Renewable Energy

- Over 30 years' experience in offshore wind.
- Developed offshore wind in 11 countries (22 GW).
- Operates a state-of-the-art wind turbine manufacturing facility constructing recyclable blades.





Our Key Findings

- **Port, physical transmission networks and local supply chain** - Strategic government and industry investment is essential.
- **Regulatory framework and permitting processes; and environmental impacts and mitigations** - Aotearoa is not starting from scratch, we have much to learn from Europe and UK.
- **People capacity and capability** - To maximize this opportunity there will be a need to develop and implement an appropriate people development strategy nationwide.
- **Developer requirements before investing in a new offshore wind market** - A significant amount of work is required to enable this industry in Aotearoa.

Ngā Iwi o Taranaki Pūngao Whakahou Regional Position Statement and Strategy





Purpose

Purpose of the draft Regional Position Statement is to act as a guide to ensure that:

- Te Tiriti compliant processes and partnerships are formed with iwi and hapū.
- Alternative energy developments are considered against the full range of iwi and hapū imperatives including cultural, social, environmental and economic outcomes.



Our Context

WAI 796 - Waitangi Tribunal Claim

“Ka tika ā muri, ka tika ā mua”

“If the foundations are properly laid, the relationship will endure”

Implementation of Treaty principles enables a deeper level of partnership with iwi and hapū

- The draft Regional Position Statement defines a set of Te Tiriti principles and duties required of all key stakeholders across the alternative energy system to ensure partnerships with iwi and hapū endure.
- Some of the central Treaty principles and examples of implementation include:

Partnership

• Implementation mechanisms:

- Electing iwi and hapū representatives into governance roles.
- Developing benefit sharing agreements.
- Establishing Technical Working Groups with iwi and hapū representation.

Active protection of tino rangatiratanga

• Implementation mechanisms:

- Participation in a Kaitiaki Forum to review work programmes and compliance monitoring.
- Commissioning iwi and hapū to develop cultural and environmental monitoring plans.
- Partner with iwi and hapū to develop decommissioning plans.

- Implementation mechanisms will be defined within your partnership with iwi and hapū.



Current regulations and policies



“Actions to create greater circularity and develop our bioeconomy will also need to **uphold Te Tiriti o Waitangi, apply te ao Māori and mātauranga Māori principles**, and **protect Māori interests**. This will require **meaningful engagement with Māori.**”

“**To achieve an equitable transition for Māori**, the Government will **uphold Te Tiriti o Waitangi, recognise Māori interests** in the energy and industry sectors, and work with tangata whenua as policies to transition the energy and industry sectors are developed and implemented. This is critical, especially when identifying challenges and ensuring they are addressed in a way that **enables and empowers Māori.**”



MAKE
TAPUAE ROA
WAY
FOR TARANAKI

STRATEGY

Taranaki Regional Economic Development Strategy
August 2017



A plan to prosper Taranaki

“Māori are major contributors to, and will play an increasingly important role in the future of the Taranaki economy”



**Enabling Investment
Offshore Renewable Energy
Discussion Document**

DECEMBER 2022

**Developing a Regulatory
Framework for Offshore
Renewable Energy**

Second Discussion Document

AUGUST 2023

Policy Objective:

“Enable Māori participation in a regime that recognises the Crown’s responsibility to give effect to the principles of Te Tiriti o Waitangi”

Key themes expressed in submissions:

“Provision of Māori rights and interests” and
“Economic benefits from developments should be shared with Māori, including any revenue flows (such as royalties) and in some cases direct commercial participation”



Ngā Iwi o Taranaki Draft Pūngao Whakahou/Alternative Energy Regional Strategy

- To compliment the draft Position Statement, Ngā Iwi o Taranaki, is developing a Regional Strategy.
- Whilst this is still in development, we understand our vision as:

“Partners in bringing alternative energy to life”

- We also understand our role/processes to be:
 - Ensuring Māori rights and interests are protected and enhanced.
 - Enabling iwi and hapū to participate and partner, where there is alignment, to shape great outcomes for our whānau and empower our people to access opportunities in this sector.

Summary

- Iwi and hapū of Taranaki are supportive of the transition to more sustainable forms of energy generation however this transition needs to be equitable for Māori.
- Iwi and hapū want to be active participants in the development of alternative energy in Taranaki – not passive observer.
- Ngā Iwi o Taranaki has developed a draft Pungāo Whakahou/Alternative Energy Regional Position Statement to act as a guide and enable a deeper level of partnership with iwi and hapū.
- A Regional Strategy is in development to “*bring alternative energy to life*” for iwi and hapū of Taranaki.

“Ka tika ā muri, ka tika ā mua”

Pātai?

