



## Puāwaitia te Takapau Horanui



### Snapshot

**Industry partner:**  
Ngāti Pāhauwera  
Development Trust

**Project length:** 4 months

**Start date:** : 16 August 2019

**Estimated completion date:**  
20 December 2019

**Industry funding:** \$99,990

**MPI funding:** \$36,410

**Horanui is a project to assess the use of an innovative network infrastructure to support the deployment of sensor technology to rurally remote areas.**

### The opportunity

This project is bringing together a collective of Māori farms from across Te Whanganui-a-Ruawhoro (Hawke's Bay) to work together to produce greater economic, cultural and social benefits for the region through diversification, expansion and acceleration of sustainable farming.

### The solution

Agricultural technology is seen as a platform with the potential to improve the productivity of under-utilised Māori land. This can include diversifying into higher value crops and environmentally sustainable farming practices. This project represents the first phase of a four phase plan. It will assess the use of an innovative network infrastructure (LORAWAN – long range, wide area network) to support the deployment of sensor technology to rurally remote areas.

### The benefits

If successful, this project is expected to benefit New Zealand by:

- advancing sustainable Māori food production;
- maintaining mātauranga Māori (Māori knowledge) in relation to whenua (land), food traceability and security;
- increasing employment through a Māori tech workforce;
- care of Papatūānuku (Mother Earth).