

The Land Will Provide Sustenance for Future Generations



Sustainable employment of the Ngati Porou people is part of Ngati Porou Whanui Forests Ltd vision. Our current workforce is expected to double by 2010, in line with the forecast increase in forestry ventures. We operate a preferential employment policy for our people and have created an environment where learning is compulsory, including NPWFL staff.

A brief look at some long term contractors employed by NPWFL:

Hicks Bay Drainage, an earth moving company ownership by Edna and Mark Caldwell. Other NPWFL key operational services are forest protection from fire, fire suppression and fire training activities during annual fire seasons for Hansol JV and Crown Forestry Blocks, started when the company was Ngati Porou Forestry Ltd.

Richmond Hale, a self-employed contractor based at Te Araroa, started when the company was Ngati Porou Forestry Ltd. Key operational services are forest protection from noxious and domestic animals, fence and roading concerns, fire protection, fire suppression and fire training activities when he then brings on board his 'A' team fire crew during annual fire season for Hansol JV and Crown Forestry Blocks.



Johnny Hovell & Richmond Hale (Deedum).

Forest Inventories, a company ownership by John Wyllie and Jamie Hei based in Tokomaru Bay and Gisborne. A dynamic company for forest establishment, silviculture and forest mensuration. Other key operational services are fire protection, fire suppression and fire training activities during annual fire season for Hansol JV and Crown Forestry Blocks.

NPWFL and Contractors place special emphasis on maintaining a safe work environment through NPWFL formal Health and Safety Management System.

Ngati Porou Whanui Forests Ltd Developing a "Land Use Management Tool"

Ngati Porou Whanui Forests Ltd is developing a "Land Use Management Tool" with NIWA (National Institute of Water and Atmospheric-research) and Forestech (a forestry consultant company) using funding from FRST (Foundation for Research Science and Technology). The end result of this project is an integrated computer software that has the following components:

1. **GIS and Economic Analysis Tool.** The GIS part uses many layers of data such as climate, soil, terrain, cadastral layers, ortho photos, species and suitability information and the analysis tool calculates NPV (Net Present Value) for the land targeted;
2. **Stand Record System,** which records operation history of the forests;
3. **Mensuration Information,** which records mensuration data including inventory (early age inventory, mid-rotation inventory, pre-harvest inventory), QC (Quality Control plots), PSP (Permanent Sample Plot) and trials;
4. **Accounting and payment information.**

The achievement of the project so far is the installation of a prototype and the functioning of some parts of it. Work on it is continuing, which including: integration of item 1 (currently only partially integrated); more programming on item 3 so that it is able to record stem characteristics such as branch size, sweep etc, which are required for log downgrade in wood flow forecasts. The project is continuing and these programming issues would be fixed over time.

The end result of the project is a system with item 1 to 4 fully integrated and functioning and the users can use it to identify which land is suitable for which tree species in order to achieve maximum financial return. When fully functional, it would also allow the management of operations to be performed on the and information gathered from it.

More progress will be reported in the near future as progresses are being made.