



Wood fuel availability in New Zealand

There are significant amounts of woody biomass available throughout New Zealand. For additional details on wood fuel, quality and supply note the following publications:

1. **Benefits of Investing in Kawerau confirmed** - An analysis undertaken by the Crown Research Institute SCION to compare investment returns from wood processing based in Kawerau with those from other parts of New Zealand show Kawerau offers significant benefits in comparison to other wood processing centres. These benefits are gained by locational, logistics and resource synergies and are measured by improved financial performance of businesses, better regional/national GDP impacts, employment resourcing opportunities and more effective use of co-located resources such as geothermal energy. Oct 2013. Read more [here](#).
2. **EECA Study – Wood Fuel Supply to Morrinsville Heat Plant – A case study and a summary of the availability of fuel in the Morrinsville Area** - The report gives an initial assessment on the amount of woody biomass required to meet a steam demand of 17 tonnes per hour at 10 bar, year round; the potential biomass supply to Morrinsville (volume by source); and the cost supply curve for biomass supply. More details [here](#).
3. **Southern Wood Council note on Wood Fuel Supply in Otago and Canterbury** - Bioenergy and biofuel is fuel produced from wood and from harvest residues - which is currently being left behind from log harvesting. The wood/residues are chipped for use in woodchip boilers, or manufactured into pellets to be used in pellet burners for industrial and commercial energy. More details [here](#).
4. **Southern Wood Council Reports on Forestry in Otago and Southland** - Frequently asked for information relating to the forest and wood products industry in the Otago and Southland region. More details [here](#).
5. **Southern Wood Council Fact Sheet on Forestry in Otago – Southland** - the forestry sector is one of the drivers of the Otago - Southland economy, through export earning, employment generation and the consumption of services. More details [here](#).
6. **Biofuel study in Central Otago** – This study aims to develop a clear understanding of the level of potential woody biomass resource in Central Otago. More details [here](#).
7. **Bioenergy Options Project Reports** - This project was initiated to consider New Zealand's bioenergy potential and developed a strategy for the future. It was lead by Scion. The reports below set out the availability of wood fuel on a national basis. See also a [summary](#) of the work.
 - **Bioenergy Options Transition Report** - This report considers the potential for energy supply of woody biomass from existing forests and drivers for change in New Zealand's energy supply, October 2009, (pdf). More details [here](#).
 - **Bioenergy Options for New Zealand - Analysis of Large-Scale Bioenergy from Forestry** - This report considers the potential nation-wide impacts of growing forests for energy through a preliminary assessment of the environmental, economic and land-use implications, April 2009, (pdf). More details [here](#).
 - **Bioenergy Options: Research and Development Strategy** - This proposes a strategic direction for bioenergy research in New Zealand, February 2009, (pdf). More details [here](#).
 - **Bioenergy Options: Pathways Analysis** - Exploring the biomass resource-to-user energy options in detail. Includes a life cycle analysis to comparing costs, environmental impacts and energy returns. It concludes with a vision of a large scale bioenergy scenario for New Zealand, August 2008, (pdf). More details [here](#).

- **Bioenergy Options: Situation Analysis: Biomass Resources and Conversion Technologies** - The role of this analysis is to identify options for realising the bioenergy potential and to determine the most appropriate areas of research for New Zealand to pursue, November 2007, (pdf). More details [here](#).

If you are still unsure about the availability of wood fuel in your area contact the [Bioenergy Association Executive Officer](#) for further advice.