



## Links and Useful Resources

### National resources on wood energy

**Bioenergy Facilities Directory** - The Bioenergy Association's Bioenergy Facilities Directory is a comprehensive database of all bioenergy projects in New Zealand. Use this directory to find out who is using bioenergy, where it's being used and how it's being used. Details of users and technology/consultancy providers are available alongside details of fuel and equipment providers -

[www.bioenergy.org.nz/bioenergy-facilities-directory](http://www.bioenergy.org.nz/bioenergy-facilities-directory)

**Bioenergy Options** – Scion led a major study looking into a range of options for the future of bioenergy in New Zealand. The results of the study provide a good foundation of information on the New Zealand bioenergy market and are published in five volumes of reports available here -

[www.bioenergy.org.nz/resource/bioenergy-options-for-nz](http://www.bioenergy.org.nz/resource/bioenergy-options-for-nz)

**EECA Business - Wood energy** – Businesses and organisations are increasingly using wood for industrial energy generation, horticulture such as heating greenhouses, and for heating commercial buildings and schools. Wood is now the fourth largest energy sources after oil, coal and gas. Read more here -

[www.eecabusiness.govt.nz/technologies/renewable-energy/wood-energy](http://www.eecabusiness.govt.nz/technologies/renewable-energy/wood-energy)

**Forest Business Network** - The Forest Business Network focuses on helping forest product businesses grow and prosper. FBN tackles the business challenges of this new economy and an ever-evolving industry with the same grit and determination that has defined forestry professions since their earliest beginnings - [www.forestbusinessnetwork.com/](http://www.forestbusinessnetwork.com/)

**Forest Energy Portal** - The Forest Energy Portal is a networking and knowledge platform for researchers, companies and all other interested stakeholders in the field of Forest Biomass for Energy. The Portal is meant to serve the research community at large and other stakeholders in the field -

[www.forestenergy.org/pages/portal/](http://www.forestenergy.org/pages/portal/)

**Heat Plant Database and Surveys** - The Bioenergy Association of New Zealand (BANZ) and the Energy Efficiency Conservation Authority (EECA) have developed a database of heat plants in New Zealand sized greater than one hundred kilowatts thermal and categorised by industrial sector. Surveys were undertaken in 2004, 2006, 2008 and updated by EECA and Ministry of Business, Innovation and Employment (MBIE) in 2011.

- [www.bioenergy.org.nz/documents/resource/Heat-plant-database-2008-edition.pdf](http://www.bioenergy.org.nz/documents/resource/Heat-plant-database-2008-edition.pdf)
- [www.bioenergy.org.nz/documents/resource/heat-plant-database-report-august-2011.pdf](http://www.bioenergy.org.nz/documents/resource/heat-plant-database-report-august-2011.pdf)
- [Heat plant database - spreadsheet, 2011 \(pdf 1.21 MB\)](#)

**Ministry for Primary Industries (MPI) New Zealand Forestry Production, trade Data and Information** -

The Ministry for Primary Industries (MPI) produces data on forestry production and trade in New

Zealand. The data can be assessed here - [www.mpi.govt.nz/news-and-resources/open-data-and-forecasting/forestry/](http://www.mpi.govt.nz/news-and-resources/open-data-and-forecasting/forestry/). A variety of forestry and wood focused publications are available on the MPI site here - [www.mpi.govt.nz/](http://www.mpi.govt.nz/)

**WoodScape** – New Zealand’s wood processing opportunities are being evaluated by Scion in a Woodco commissioned project called ‘WoodScape’.

WoodScape aims to determine which wood processing and complementary technologies (pulp, paper, timber, panel products, energy and chemicals) will give the best return to wood processors. The project was completed in March 2013. Note the following outputs from this study:

- The media release, June 2013
- The Bioenergy Association media statement, June 2013
- WoodScape summary report (plain English), June 2013
- WoodScape study - summary, February 2013
- WoodScape study - regional wood processing options, February 2013
- WoodScape study - Technologies and Markets, February 2013

Download these reports from the Bioenergy Association’s Wood Energy website library here [www.usewoodfuel.org.nz/resource/woodscape-study-reports](http://www.usewoodfuel.org.nz/resource/woodscape-study-reports)

## International resources on wood energy

### Australia

**Biomass producer** – Is the place to start your search for information about bioenergy as it relates to primary industries in Australia – in particular, information about the types of biomass that can be used to create bioenergy - <http://biomassproducer.com.au/>

### United Kingdom

**BIOMASS Energy Centre** - the UK govt’s information centre for the use of biomass for energy [www.biomassenergycentre.org.uk/portal/page?\\_pageid=73,1&\\_dad=portal&\\_schema=PORTAL](http://www.biomassenergycentre.org.uk/portal/page?_pageid=73,1&_dad=portal&_schema=PORTAL)

### UK Forestry

- Publications on woodfuel [www.forestry.gov.uk/website/forestresearch.nsf/ByUnique/INFD-6HXE9J](http://www.forestry.gov.uk/website/forestresearch.nsf/ByUnique/INFD-6HXE9J)
- Woodfuel benefits - [www.forestry.gov.uk/website/forestresearch.nsf/ByUnique/INFD-66SJ5V](http://www.forestry.gov.uk/website/forestresearch.nsf/ByUnique/INFD-66SJ5V)
- Woodfuel economics - [www.forestry.gov.uk/fr/urgc-7EEGKM](http://www.forestry.gov.uk/fr/urgc-7EEGKM)

**Wood Fuel Resource UK** –Benefits of wood fuel- [www.woodfuelresource.org.uk/](http://www.woodfuelresource.org.uk/)

## Rest of the world

[Bioenergy Connect](#) – where you can read top headlines affecting the bioenergy sector internationally

[Bioenergy Insight](#) – launched in 2010, has built up a reputation for delivering quality news, analysis, market information and technical articles relating to the biomass, biogas and biopower industries

**IEA Bioenergy** – go to the IEA Bioenergy website - [www.ieabioenergy.com/](http://www.ieabioenergy.com/) for activities in relation to wood fuel. The work of IEA Bioenergy is structured in a number of Tasks, which have well definite objectives, budgets and timeframes:

- **Task 32:** Biomass combustion and co-firing - [www.ieabioenergy.com/task/biomass-combustion-and-co-firing/](http://www.ieabioenergy.com/task/biomass-combustion-and-co-firing/)
- **Task 40:** Sustainable international bioenergy trade – securing supply and demand - [www.ieabioenergy.com/task/sustainable-bioenergy-markets-and-international-trade-securing-supply-and-demand/](http://www.ieabioenergy.com/task/sustainable-bioenergy-markets-and-international-trade-securing-supply-and-demand/)
- **Task 43:** Biomass feedstocks for energy markets - [www.ieabioenergy.com/task/43-2biomass-feedstocks-for-energy-markets/](http://www.ieabioenergy.com/task/43-2biomass-feedstocks-for-energy-markets/)
- **Task 29:** Socio-Economic drivers in implementing bioenergy projects - [www.ieabioenergy.com/task/socio-economic-drivers-in-implementing-bioenergy-projects/](http://www.ieabioenergy.com/task/socio-economic-drivers-in-implementing-bioenergy-projects/)
- **Task 30:** Short rotation crops for bioenergy systems - [www.ieabioenergy.com/task/short-rotation-crops-for-bioenergy-systems/](http://www.ieabioenergy.com/task/short-rotation-crops-for-bioenergy-systems/)
- **Task 31:** Biomass production for energy from sustainable forestry - [www.ieabioenergy.com/task/biomass-production-for-energy-from-sustainable-forestry/](http://www.ieabioenergy.com/task/biomass-production-for-energy-from-sustainable-forestry/)

**World Bioenergy Association (WBA)** - [www.worldbioenergy.org/node/27](http://www.worldbioenergy.org/node/27) – is the global organisation dedicated to supporting and representing the wide range of actors in the bioenergy sector. The purpose of the WBA is to promote the increasing utilisation of bioenergy globally in an efficient, sustainable, economically and environmentally appropriate way.

Rules for guiding stakeholders to establish an acceptable management for collecting biomass for energy are necessary. That is why WBA introduced the Sustainable Biomass Verification Scheme - [www.worldbioenergy.org/node/515](http://www.worldbioenergy.org/node/515)