Register of solid biofuel suppliers

Solid biofuel

Solid biofuel includes any biomass derived fuels from wood (wood fuel), agricultural herbaceous biomass (e.g. miscanthus, straw), and urban wood. In New Zealand reference is often to wood fuel as wood is the largest source of solid biofuel.

Woody or herbaceous biomass resource is readily available throughout New Zealand and Australia. Solid biofuel can be produced from these sustainable resources and sold in a number of types and grades (chip, hog, pellets, briquettes/fire logs, firewood) which need to be matched to combustion equipment design for efficient operation.

The types of fuel are set out in the Bioenergy Association (BANZ) *Technical Guide 1 - Solid Biofuel Classification Guidelines*.

There are a number of established solid biofuel suppliers who collect and aggregate the raw biomass resource and process it into a solid biofuel available for supply to end use customers. This Information Sheet sets out the Association's Register of members who are suppliers of solid biofuel.

Commercial/industrial solid biofuel

Commercial or industrial producers of heat may purchase solid biofuel of any type and form necessary to meet the fuel specification for their biomass boiler system.

Bioenergy Association has developed *Technical Guide 6 - Contracting to Deliver Quality Solid Biofuel to Customers* which outlines best practice for buying and selling solid biofuel. It includes a *Model Contract for the Sale and Purchase of Solid Biofuel* and is linked to a *Technical Guide 5 - Standard Methods for Verifying the Quality of Solid Biofuels* outlining how to verify fuel quality when delivered.

Residential solid biofuel

Biomass fuel for residential water or space heating will generally be either firewood, wood pellets or briquettes/fire logs. Accredited suppliers of firewood provide fit for purpose fuel according to customer requirements e.g. dry firewood for immediate use, or high moisture fuel which requires drying before use. Wood pellet fuel is produced to the required fuel specification set out in Technical Guide 1.

Accredited suppliers

Bioenergy Association operates a Solid Biofuel Supplier Accreditation Scheme. Accreditation is of suppliers who have demonstrated to an independent third party that they have quality assurance systems in place for reliable and consistent production, storage and delivery of contract specified solid biofuel.

The benefits of accreditation

Purchasers of solid biofuel want to know that the fuel that they have contracted to buy meets their specified requirements. To gain assurance that the fuel meets the specification they need, purchasers may insist on a high degree of independent testing of each load delivered. However independent fuel testing of each load delivered can be expensive which adds to the cost of fuel. Being audited, monitored and accredited by an independent body reduces the amount of testing that would otherwise be required thus significantly reducing the cost of fuel.

Fuel suppliers benefit from having a nationally or internationally recognised and authoritative independent auditing of suppliers that is appropriate to the cost of solid biofuel and the level of risk faced by facility owners yet does not place an undue administrative burden upon users and suppliers.

Accredited suppliers are covered by the Association's Professional Standards and Complaints Scheme.

The Accreditation Scheme benefits both fuel suppliers and their customers. Customers can be assured of receiving a contract specified solid biofuel product when they buy from suppliers accredited under the Scheme. As customer confidence grows, the sector in turn benefits as more users switch to solid biofuel as a viable main-stream fuel. From a supplier's perspective, this means market growth and more sales.

Become an accredited solid biofuel supplier

Information on the Solid Biofuel Supplier Accreditation Scheme is available here.

Documentation for accreditation as a solid biofuel supplier is available here - www.usewoodfuel.org.nz:

- Guidance document
- Application form

Accreditation requires an audit of supporting evidence provided by the supplier of quality assurance processes for the production, storage and delivery of solid biofuel, fuel quality testing methods and customer references. Full details can be found in the scheme's Guidance Document.

SOLID BIOFUEL
Accredited Supplier

Only Accredited suppliers can display the Bioenergy Association-Accredited Solid Biofuel Supplier logo to show that they have fulfilled the required standards for delivery specified fuel production and distribution.

Internationally certified fuel

Some Accredited Solid Biofuel Suppliers may have also demonstrated to an international certifying body that they are producing graded fuel that meets a specified fuel standard. The accreditation assessors recognise this product certification and thus do not need to duplicate assessment of the quality assurance process for product manufacture. International solid biofuel certifying bodies are:

- ENplus
- DINplus
- Goodchip

Quality assured

Solid Biofuel Suppliers who produce specified solid biofuels which are not internationally certified can be accredited by alternatively demonstrating to the Bioenergy Association Registration Scheme Administrator that they have appropriate quality assurance systems for the production and delivery of those specified solid biofuels. The production of those fuels is self-certified as being quality assured.

Member suppliers

There are a number of members of the association who supply solid biofuels whose production systems have **not been independently audited** by an international certifier or the Registration Scheme Administrator. Purchasers of fuel from these members must undertake their own enquiries that the supplier's production systems will consistently produce fuel of the required standard.

Member suppliers must comply with the Bioenergy Association's Code of Conduct and are participants in the Bioenergy Association Professional Standards and Complaints Scheme.

Professional Standards and Complaints Scheme

All suppliers listed in this register are member of the Bioenergy Association and are thus covered by the association's Code of Conduct and its Professional Standards and Complaints Scheme.

To ensure the integrity of solid biofuel supply it is important that the Bioenergy Association is aware of the experiences of solid biofuel customers. In the unlikely event that issues about fuel quality by a member should arise then the Solid Biofuel Accreditation Scheme Administrator should be advised.

The Scheme Administrator can offer advice to help resolve any on-going problem. In a worse case situation, a formal complaint can be referred to the association's Professional Standards and Complaints Committee.

Non-member suppliers

There are a number of agricultural contractors, forest growers, and wood processors throughout New Zealand who may supply wood fuel but are not members of the Bioenergy Association. As they are not a member of the Association, they are not covered by the Association's Code of Conduct or Complaints Scheme and buyers of their fuel must undertake their own due diligence as to the likely reliability and quality of fuel delivered.

The Association keeps a list of these potential wood fuel suppliers which is available on request by heat users.

Quality assured

If there is any issue regarding reliability or quality of fuel delivered by association members the purchaser may make a complaint to the Bioenergy Association who will provide the appropriate assistance. Better still you should buy only from Accredited Wood Fuel Suppliers as they have had an independent party undertake an audit of their quality assurance processes, so buyers have a measure of comfort that they will get delivered the fuel they have contracted for.

Register of New Zealand Wood Fuel Suppliers[1]

A - Accredited Supplier [2][3]		Regions supplied[4]	Wood pellets	Hog fuel	Chip	Shavings/ sawdust	Briquettes/ firelogs	Firewood
GOLD MEMBERS								
Canterbury Energy Centre **Contact:** Leon Geddes leon@ljscontractors.co.nz Company profile		Canterbury Otago		√	√	√		
Canterbury Woodchip Supplies **Contact:** Brad Coleman brad@canterburywoodchip.co.nz Company profile		Canterbury Otago, top of the South		√	√	√	√	
Nature's Flame **Contact:** Kirsten Cameron kirsten.cameron@naturesflame.co.nz Company profile		New Zealand nationwide, export	√ *					
SILVER MEMBERS								
Canterbury Landscape Supplies **Contact:** Divyesh Patel divyesh@pottingmix.co.nz Company profile		Canterbury			√			√

B - Member Supplier [5][6] (not accredited)		Regions supplied[7]	Wood pellets	Hog fuel	Chip	Shavings/ sawdust	Briquettes/ firelogs	Firewood
GOLD MEMBERS								
Carbona **Contact:** David McGregor david.mcgregor@carbona.nz Company profile		South Waikato, Export (in progress)	√					
Ngāi Tahu Forestry **Contact:** Matiu Wikaira matiu.wikaira@ntforestry.co.nz Company profile		Northern South Island		√	√	√		√
PEFCO **Contact:** Carl Storm carl@pefco.co.nz Company profile		Canterbury (in progress)		√	√	√		√
Southwood Export **Contact:** Steve Hindley shindley@southwood.co.nz Company Profile								

[1] All accredited suppliers are members who have a quality assurance system which is independently audited and covered by the BANZ Complaints process.
[2] www.usewoodfuel.org.nz/documents/admin/TNSB04-Solid-Biofuel-Supplier-Accreditation-Scheme.pdf
[3] Support our Platinum, Gold and Silver tier members as these companies are the leaders in the sector.
[4] Some suppliers have wood fuel retailers nationwide – check their website
[5] Member suppliers are not Accredited but are covered by the BANZ Complaints Process.
[6] Support our Platinum, Gold and Silver tier members as these companies are the leaders in the sector.
[7] Some suppliers have wood fuel retailers nationwide – check their website

SILVER MEMBERS								
Foresta NZ **Contact:** Rafael Moradei r.moradei@foresta.nz Company profile		Bay of Plenty, Export (in progress)	√					
Green Gorilla **Contact:** Mike Stanford marketing@greengorilla.co.nz Company profile		Auckland, Northland			√			
One Forty One **Contact:** Sam Lees sam.lees@onefortyone.co.nz Company profile		Northern South Island		√	√	√		√
Pentarch Group **Contact:** Tim Thorpe t.thorpe@pentarch.co.nz Company profile								
Silvertree Biomass Solutions **Contact:** Chad Empson chad@silvertree.co.nz Company profile		Northern South Island		√	√	√		√

B - Member Supplier [8][9] **(not accredited)**		**Regions supplied**[10]	**Wood pellets**	**Hog fuel**	**Chip**	**Shavings/ sawdust**	**Briquettes/ firelogs**	**Firewood**
Southern Chipping Services **Contact:** Colin Calteaux andrewhaulage@xtra.co.nz Company profile		Northern South Island		√	√	√		√
BRONZE MEMBERS								
Briquette **Contact: Simon Morton** simon@briquette.co.nz Company profile		Auckland					√	
City Firewood **Contact:** Robbie Harris robbie@cityfirewood.co.nz Company profile		Canterbury			√			√
Goodwood **Contact:** Richard Hutchinson richard@goodwoodnz.co.nz Company profile		Bay of Plenty			√			√
Kiwi Lumber **Contact:** David Hooker david.hooker@kiwilumber.co.nz Company profile		Masterton, Gisborne, Dannevirke, Putaruru						

[8] Member suppliers are not Accredited but are covered by the Bioenergy Association Complaints Process.

[9] Support our Platinum, Gold and Silver tier members as these companies are the leaders in the sector.

[10] Some suppliers have wood fuel retailers nationwide – check their website

Kiwi Waste & Recycling **Contact:** Matt Goddard matt@kwar.co.nz Company profile		Auckland						
Mike Hurring Logging **Contact: Josh Hurring** josh@mikehurring.com Company profile								
Pelleton Renewables **Contact:** Andreas Enderlin andreas@pelletonrenewables.com Company profile								
Pellet Mills NZ **Contact:** Bruce Gledhill bruce@pelletmills.nz Company profile								
Southern Pine products **Contact:** Richard Hoepfinger richard.hoepfinger@sppnz.co.nz Company profile								
Wheelie Bin Services **Contact:** Vincent Andersen vincent@wbsl.nz Company Profiles								