

Becoming a member of the Bioenergy Association

What is the Bioenergy Association?

The Bioenergy Association is a membership-based sector association established to assist members expand their business activities related to the production and use of bioenergy. The association principally covers the New Zealand, Australian and Pacific bioenergy markets for liquid and solid biofuels, and biogas production from waste, supply and utilisation. The Association has over 2300 members, associates and followers. This document sets out the procedures for becoming a member or maintaining membership and outlines the information required that would assist association staff to maximise the value you get from membership.

Information on why you should be a member of the association is set out in membership benefits on the website www.bioenergy.org.nz/benefits-of-membership. Which also sets out the services you can expect as a member. A key benefit of membership is how we, as an organisation, work to promote your interests within the sector and to the general public.

If you are an investor business the association is able to provide you with market related information and assist with unpublished information required to build an investment business case. The association also provides best practice technical guides and can provide guidance on risk management options.

For consultants, service providers and equipment suppliers the association can actively promote your business and there are specific membership levels that assist with profiling your products and services, brand placement and the selling of your products or skills. The association also provides facilities for promoting your capabilities, services or products. Members obtain free confidential advice from the Association staff on matters affecting their bioenergy business.

The association can assist applications for **research or project development funding** by providing independent support.

For policy advisers the association can provide on a neutral confidential basis information on market opportunities and barriers and assist with programme or regulation development.

The association also undertakes activities for the collective good of all members through advocacy of bioenergy and biofuels to potential investors, regulators and the public generally.

The Bioenergy Association is organised into three Interest Groups each pursuing a specific bioenergy or biofuels topic. These Interest Groups are the power houses of the association where most topic-based activities are developed and implemented. The Interest groups also oversee the determination of best practice. Members may have free participation in one or more Interest Groups according to their business interests and membership level.

The members who obtain the best value from their membership are those who participate actively in association activities and drive policies and actions for their own business interests, and for the sector as a whole. A strong member-driven association will assist with advocacy to government, accessing media and ensuring that the government policies and regulations are in the best interests of members. The funds necessary to run the

association and to undertake projects come principally from membership fees so a strong and healthy membership will assist provide funding for collective action. From time to time some funding is sourced from government agencies for specific tasks where the government and sector interests align.

Applying for membership

There are no criteria other than the payment of a membership fee for anyone to join the Bioenergy Association. However, members are expected to abide to the Association's Code of Conduct. The Membership Application Form - www.bioenergy.org.nz/resource/banz-membership-application-form is available on the website www.bioenergy.org.nz Gold, Silver and Bronze membership covers any employees of the member regardless of location and country. The member's representative should provide email addresses of any staff who wish to receive communications from the association.

Bioenergy Association members' only information

The association managed websites are designed for promoting bioenergy to the public and in particular to those with potential project opportunities, as well as for members. In general, the information on the open parts of the website in the Bioenergy Knowledge Centre www.bioenergy.org.nz/bioenergy-knowledge-centre is for the public and will have limited amounts of detailed information in the form of abstracts. The more valuable or full reports, Technical Guides etc are available free only to members by password access. Non members may ask for any document and an administration fee may be charged. To obtain access to the Members' Only area you should contact admin@bioenergy.org.nz

Bioenergy Association membership levels and fees

The levels of membership are based on the amount and nature of the assistance sought. Clearly Gold and Silver level members want a greater amount of assistance than Bronze level members.

The Bioenergy Association has special Interest Groups that members may join. A membership fee of \$100 plus GST applies to each Group except as modified below. Additional website listings are available at \$100 plus GST.

Membership is at the levels in Table 1 and members receive the appropriate member services:

Bioenergy Association membership level services and details are shown below:

* Complete the relevant Members Profile template below according to membership level. (Examples of listings are shown in this document

In joining the Association Members agree to abide by its Code of Conduct.

Bronze \$750 plus GST

Member services

- Assistance and support of market information, best practice and business case information on a confidential basis from association staff
- Access to association staff for confidential advice, bioenergy business mentoring and peer review.
- Level 1 listing* in the relevant association website 'contact an expert' directory.
- Receipt of e-news Bioflash to an unlimited number of member's staff.
- Free membership of one interest group.
- One free Level 1 listing on one Association special topic 'contact an expert' directory, and one free equipment catalogue listing.
- Three free listing of associated facilities on www.bioenergyfacilities.org.nz.
- Discounted registration fees for Association events, free attendance at webinars.
- Right to purchase display space at Association events.
- Authorised to use the Association's membership insignia on advertising.
- Login access to the members only area and Bioenergy Knowledge Centre publications...

Silver \$2,200 plus GST

Enhanced level member services

- Full member services plus:
- Receipt of extensive assistance and support of market information, best practice and business case information on a confidential basis from association staff
- Any time access to association staff for confidential advice, bioenergy business mentoring and peer review.
- Level 2 listing* in the relevant Association website 'contact an expert' directory.
- Free membership of two interest groups.
- Free Level 2 listings on two association special 'contact an expert' directory, and four free equipment catalogue listings.
- Two free advertisements on the websites (246 x 222 pixel / 6.5 x 5.84 cms).
- 50 free listing of associated facilities on <u>www.bioenergyfacilities.org.nz</u>.
- Discounted display space at Association events.
- Logo display on website (20) and association published material.
- Annual personal briefings on the bioenergy and biofuels sector relevant areas of interest.

Gold \$5,500 plus GST

Executive level member services

- Full enhanced member services plus:
- Receipt of proactive assistance and support of market information, business strategy, best practice and business case information on a confidential basis from association staff
- Unlimited access to association staff for confidential advice, bioenergy business mentoring and peer review.
- Level 3 listing* in the relevant Association website 'contact an expert' directory.
- Free membership of all Interest Groups.
- Free Level 3 listings in any Association special 'contact an expert' directory, and unlimited free equipment catalogue listings.
- Six free advertisements on the websites (246 x 222 pixel / 6.5 x 5.84 cms).
- Unlimited free listing of associated facilities on www.bioenergyfacilities.org.nz.
- Free display space at Association events.
- Executive logo display on website (30) and Association published material.
- Twice yearly personal briefings on the bioenergy and biofuels sector relevant areas of interest.

Individual / Observer¹ \$220 plus GST

- No website listing.
- Receipt of e-news Bioflash to one person.
- Discounted registration fees for Association events, free attendance at webinars.
- Interest group membership (on payment of an additional \$100 per group).
- Login access to the members only area and Bioenergy Knowledge Centre publications.

Student \$60 plus GST

- Subscription for receipt of e-news Bioflash to one person.
- Notification of Association events.
- Interest group membership (on payment of an additional \$100 per group).
- Login access to the members only area.

All paid up members receive login details to the Members Only Area of the website.

As a Guide to the level of membership we would expect you to pay:

• Bronze Member \$750

The minimum level for any company that is serious about being a player in the New Zealand bioenergy sector. Probably have less than 2 staff active in bioenergy matters.

Silver Member \$2,200

The membership level for serious players in the New Zealand bioenergy sector and for companies seeking significant assistance from association staff or wanting maximum market exposure. Probably have more than 2 staff active in bioenergy matters or have significant interests in bioenergy.

• Gold Member \$5,500

This membership level is for the leaders in the sector and for companies seeking significant assistance from association staff or wanting maximum market exposure. At this level you get near instant access to and assistance from the executive officer.

• Individual / observer \$220

This level of membership is for very small players in the sector and companies that are emerging into the sector as 'new entrants' and wish to be kept informed on the bioenergy market and upcoming Bioenergy Association activities by subscribing to the association Bioflash newsletter. This is the minimum service level with free access to webinars and member rates for attendance at Bioenergy Association events. Also for students, retired people and observers of the industry.

Student \$60

This level of membership is for students who wish to be kept informed on the bioenergy market and upcoming Bioenergy Association activities by subscribing to the association Bioflash newsletter.

In return for your membership fees the association is able to provide a service to the sector. Without the income received from membership fees we have no voice.

Member assistance

Bioenergy Association updated June 2022

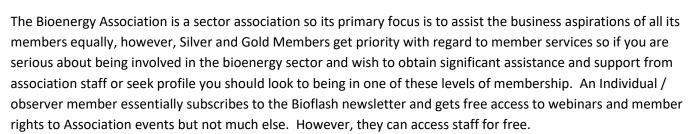
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¹ The criteria for individual membership is limited to individuals who have a personal and not a commercial interest in bioenergy and biofuels; may be retired or not actively working in the sector for income, may be considering working in the sector but are currently not actively employed or gaining income from the sector.

Members have free and open access to discuss any bioenergy matter with Association staff (all discussions are on a confidential basis). Association staff have extensive knowledge and experience of the sector and can provide guidance to your bioenergy business. Access to staff is free (within limits).

Association staff have often unpublished publicly available information on the Oceania bioenergy sector which can assist members investigating investment opportunities. Staff are available by phone or email. For new

entrants to the bioenergy market this information can be very valuable and not available elsewhere.



Promotion of member capabilities

All levels of member (excluding Individual / observer members) are listed in www.bioenergy.org.nz/contact-expert on the Bioenergy Association website. Through this listing and a range of capability directories on the specific topic websites members are able to promote their capabilities, services and products. This is a key member service and the association websites each get around a hundred visits a day, and have a high search ranking, so is very cheap internet advertising.



Bioenergy facilities directory

BANZ also hosts the Bioenergy Facilities Directory www.bioenergyfacilities.org.nz which aims to list all facilities which are relevant to bioenergy in New Zealand, Australia and the Pacific and which members have been involved with during their development. It is a showcase of existing facilities but also a quick source of information on facilities of interest and where to get additional information. It also lists the capabilities of those who are associated with the construction of each facility. The Directory can be used to locate facilities on a NZ or Australian map (extendable to the world map) and can selectively filter searches to enable the user to find exactly what they want. All data is presented in a Facility Profile format which can be printed from the database. Members are encouraged to list their projects so as to demonstrate experience and capabilities. This is the place to show off what you have done and why they should contact you. Listing is free for members.



Advertising

Advertising on websites and in the Bioflash newsletter is available on request (see www.bioenergy.org.nz/benefits-of-membership for advertising rates and details).

Gold and Silver level members obtain some free advertising.

Advertising on the Association websites and in the Bioflash is easy Click here for details

Equipment catalogues

The association currently has Equipment Catalogues on two of its specific topic websites www.usewoodfuel.org.nz. Members get a number of free listings for the bioenergy equipment they sell according to their membership level. Listing on catalogues is also open to non-members for a fee.

The association has over 2300 members, associates and followers. The association websites have high internet search rankings and each get around 100 visits per day, therefore, listing your capabilities and equipment is a very cost-effective form of advertising.

Equipment listings will be presented through a series of topic categories in each catalogue, Table 2 shows the current category listings on the Biogas and Wood energy websites.

Table 2: Category listings on the Biogas and Wood energy websites



Biogas Equipment Catalogue

Landfill gas collection equipment

- Gas collection pipers
- Gas distribution pipe work

Anaerobic digesters – AD tanks, pond containment, reactors

- Tanks
- Pond covers
- Gas generating reactors

Anaerobic digesters – AD gas production ancillary equipment

- Gas mixing equipment
- Compressors
- Pumps
- Monitoring/measuring

Biogas cleanup and storage

- Gas filtration
- Clean gas storage facilities
- Contaminant removal

Electricity/heat from biogas

- Gas engine generators electricity
- Electricity control
- Gas fired boiler heat



Wood Energy Equipment Catalogue

Monitoring and measuring

- Moisture
- Emissions

Wood fuel production

- Chippers and shredders
- Drying
- Transport

Wood fuel handling and storage

- Storage bunkers and silos
- Wood fuel movement

Heat plant

- Combustion plant
- Gasifiers
- Ancillary equipment
- Air quality
- Residential heaters

Electricity generation

- List your equipment here
- List your equipment here

Equipment layout will be shown on the websites as in Figure 1 below:

A promotional photograph of the piece of equipment (provide a jpeg please)

A brief descriptive text about the equipment Hyperlinks as follows:

- A link to the member's company profile
- A link to information about the equipment for example a brochure or case study
- A link to the equipment 'in use' on the Bioenergy Facilities Directory



Rotamix Process Gas Mixing System

Rotamix Process Mixing System: by Vaughan Co. (USA) is the world's most cost-effective means of mechanical hydraulic mixings.

Supplier: Pump Systems, Christchurch, NZ

Contact: Matt McEwen

Website: www.pumpsystems.co.nz/
Brochure: PUMPSYSTEMS_Rotamix.pdf

Figure 1: Equipment Catalogue layout on websites

Listing on the Contact an Expert section of the website

Members obtain free listing on the 'Contact an Expert' page of the website www.bioenergy.org.nz/contact-expert. Member's details are also listed on the Interest Group website of their choice and according to their level of membership. The association profiles its members at every opportunity as this is one way of demonstrating the competence and capabilities of the industry. It also only promotes members by distinguishing the quality of performance of members from non-members. The format for listing is dependent on the level of membership.

Membership can be removed from those who do not comply with the Code of Conduct.

Membership of the Association and compliance to it's Code of Conduct is a signal to the public that members are up-to-date with the bioenergy and biofuels market and relevant technologies. The Association will remove membership from a member whom there is a significant complaint against. Members can display the membership decal on their own promotion material as a sign of pride and indication that they meet the highest standards for products and workmanship.

Protocol for listing on the Contact an Expert section

Members (excluding Individual / observer and Student level categories) are given profile and made visible on Association's websites appropriate to their level of membership. The templates for listing are on the Membership Application Form and at the end of this information sheet. Bioenergy Association maintains its www.bioenergy.org.nz and three specific bioenergy topic websites - www.biogas.org.nz | www.liquidbiofuels.org.nz, and www.usewoodfuel.org.nz. Tables 3 and 4 below show the website search engine categories.

Table 3: Website search engine for Interest Groups

Waste-to-Energy / Biogas Liquid Biofuels and Co-products Wood energy

Table 4: Website search engine for Interest Groups

Consultant / adviser / designer
Service provider
Equipment provider
Residential heater supplier
Biomass supply
Forest owner / harvester
Wood fuel supply
Liquid biofuel supply
Organisation / Government (policy)

Researcher / education	
Technology developer	
Asset owners / operators	
Government facilities	
 Food processors 	
Wood processor	
 Waste-to-energy / biogas 	
Other private facility owners / operators	

Membership listings

Each category level below shows each listings as seen on the Contact an Expert webpages as follows:

 Member listing – showing company logo, company name and activities as seen on the Contact an Expert webpage

Other

• Member profile – showing search categories the company is listed under, a description of the organisation's core business activities, key projects and relevant links

* Level 1 listing – Bronze Member

Miscanthus New Zealand

Company profile & news: Miscanthus New Zealand

Activities: Miscanthus trials

Miscanthus New Zealand

Bronze member in categories Wood fuel supply



Miscanthus is a plant that is being used increasingly throughout the world as a purpose-grown bioenergy crop as well as multiple uses in farming as a feed and for shelter.

MNZ is a business that is actively working to establish a Miscanthus industry in New Zealand. There is no other company in New Zealand offering Miscanthus plants, rhizomes and expertise for sale. The opportunity now exists for innovative landowners to begin establishing this versatile crop. It can not only benefit them financially but also can help make New Zealand more energy efficient. At the same time, there is the opportunity for forward-thinking industrial plant owners to look to the future to fuel their businesses with a truly renewable fuel.

Links to capabilities and other news about the company

- Renewable diesel fuel opportunity, news article
- Renewable Diesel Fuel Expressions of Interest, Miscanthus New Zealand on behalf of GP International Ltd
- Submission for Productivity Commission Low Emissions Economy, Miscanthus NZ on behalf of GP International

Website: http://www.miscanthus.co.nz/

Contact: Peter Brown
By email: peter@pfsc.co.nz

Company activities: Wood fuel supply

Please complete profile in the relevant membership level template below and email to admin@bioenergy.org.nz

* Level 1 listing – Bronze Member

Company logo

Email a high resolution logo in jpeg format to admin@bioenergy.org.nz

Allow a minimum size of 2661 x 809 pixels so it can be resized neatly for websites and publications

Company profile & news

Description of business activity for Bronze membership is limited to **200 words**, however, you can add an unlimited number of links and attachments.

[add profile text]

[Contact person's name]

[Contact email address]

[Contact telephone number]

[Website address]

[Company activities]

* Level 2 listing - Silver Member

SILVER MEMBER



Company profile & news: East Harbour Energy Ltd

Activities: Renewable energy consultants

East Harbour Energy

Silver member in categories Consultant



East Harbour Energy is an independent consulting business with a strong commercial, economic and technical capability with a background in wood energy and biogas. Our primary focus is on energy and soundly based commercial outcomes. We provide strategic and commercial advice and support to a wide range of businesses and organisations, including manufacturers, building owners, energy companies, government and local authorities and energy producers. We have wide experience based on over 15 years of assignments as a team as well as the extensive experience of our team members.

We understand government policy, legislation and regulations. Our understanding of energy management and plant operation means that we can project manage site projects. We provide Executive Management services to the Bioenergy Association and partner our commercial strategic skills with the engineering and environmental design experience of other consultancies. We can assist clients with contract preparation and negotiation.

Links to capabilities and other news about the company:

- Our services outlines East Harbour's core business areas which include
- strategic advice and planning, energy management
- project management
- <u>business advice and forecasting</u>, and the
- provision of executive management services

Please complete profile in the relevant membership level template below and email to admin@bioenergy.org.nz

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* Level 2 listing – Silver Member

Company logo

Email a high resolution logo in jpeg format to admin@bioenergy.org.nz

Allow a minimum size of 2661 x 809 pixels so it can be resized neatly for websites and publications

Company profile & news

Description of business activity for Silver membership is limited to up to **450 words**, however, you can add an unlimited number of links and attachments

[add profile text]

Links to capabilities and other information about the company

[links]

[Contact person's name]

[Contact email address]

[Contact telephone number]

[Website address]

[Company activities]

* Level 3 listing - Gold Member

GOLD MEMBER



Company profile & news: Pioneer Energy

Activities: Asset owner / operator

Pioneer Energy

Gold member in categories Asset owner / operator



Pioneer Energy specialises in developing and supplying innovative, industrial scale on-site solutions designed to improve energy efficiency, enhance environmental outcomes and reduce energy costs.

Our core business is based on long-term energy partnerships. Under these arrangements we can:

- identify optimum technical solutions
- demonstrate economics
- establish commercial agreements
- build new plant solutions
- provide capital funding if required
- operate and manage facilities
- supply fuel
- optimise operation
- implement on-going improvement projects
- provide customer support services and manage associated risk

One of our specialties is the conversion of wood and other biomass residues to energy, and the associated fuel supply chain.

Pioneer Energy's partnership model is unique in New Zealand and many of the partnerships have been recognised for their innovation and positive environmental outcomes through the EECA EnergyWise Awards.

We pride ourselves on our innovative, environmental best practice, and customer-focused solutions.

Core skills and project activities

Build, own and operate partnerships covering:

- Delivered heat supply
- Cogeneration
- Energy efficiency upgrades
- Sustainability and environmental upgrades
- Wood fuel supply
- Packaged plant operating leases
- Electricity market services
- Energy supply solutions

Leading edge

• Certified CEMARS™. One of the first organisations to achieve the Landcare Research accredited framework for companies to measure and manage their greenhouse gas emissions.

Links to capabilities and other news about the company

- Local Energy Solutions
- Wood Fuel Supply

Please complete profile in the relevant membership level template below and email to admin@bioenergy.org.nz

* Level 3 listing - Gold Member

Company Logo

Email a high resolution logo in jpeg format to admin@bioenergy.org.nz

Allow a minimum size of 2661 x 809 pixels so it can be resized neatly for websites and publications

Company profile & news

Description of business activity for Gold membership is limited to up to **1000 words**, however, you can add an unlimited number of links and attachments

[add profile text]

Core skills and project activities

[add text]

Leading edge

[add text]

Links to capabilities and other information about the company

[links]

[Contact's name]

[Contact email address]

[Contact telephone number]

[Website address]

[Company activities]