



BANZ Wood Energy Interest Group Meeting
Held on Tuesday, 10th February 2015 at 3.30pm
via GoToMeeting link

Present:

Brad Coleman (BColeman)	Canterbury Chip Supplies
Lyndon Haugh (LH)	CHH Pulp and Paper
Tony Oosten (TO)	Fonterra
Rory Bell (RBell)	CRL Energy

Apologies:

Rob Mallinson	Living Energy
Murray Cowan	Wood Energy NZ
Peter Brown (PB)	Miscanthus NZ
Mike Suggate (MS)	East Harbour Management
Rens Bosman (RB)	NZ Wood Fibre Co. Ltd
Christian Jirkowsky (CJ)	Polytechnik

In attendance

Brian Cox (BC)	BANZ
John Gifford (JG)	BANZ
Richard Briggs (RB)	ECCA
Chris McArthur (CMc)	EECA

1. Welcome.

JG welcomed members to the meeting and thanked them for joining in the conference call.

There were no additional items added to the Agenda.

2. Apologies

Apologies were received as listed above.

3. Minutes of the previous meeting – 4th Sept 2014 and 9th October 2014

The minutes of the previous meeting were tabled and the meeting was asked for any comments or changes.

The minutes from the 4th Sept 2014 meeting were taken as read and approved as a true and accurate record of the meeting. (Moved by Tony Oosten, carried).

The minutes from the 9th Oct 2014 meeting were taken as read and approved as a true and accurate record of the meeting. (Moved by Lyndon Haugh, carried).

Matters Arising:

- i. All matters arising from the previous minutes are considered under the various agenda items.

4. Executive Officer's Report

The Executive Officer's report was circulated prior to the meeting and taken as read.

BC provided an update of the status of activity with Venture Southland.

BC advised that the Board had recommended that the Wood Pellets Interest Group be merged into the Wood Energy Interest Group as pellets are part of wood energy, and that the name of the Wood Fuel interest group be changed to be the Wood Energy Interest Group. The Board sought WEIG agreement to those recommendations.

The WEIG Committee supported this change

Agreed and carried.

5. WEIG Work Programme and Action Items

a) Promotion activities:

BC provided the following updates

i. **August 2015 Conference – "Use of New Zealand's Renewable Natural Resources and Clean Technologies to Achieve Economic, Employment and Environmental Benefits via Energy"**

The BA Executive requires input from WEIG members regarding possible speakers and potential delegates. Contact Brian Cox with details or suggestions.

- ii. **Government:** BA is preparing a politician briefing pack.
- iii. **Public Perception:** If anyone has "good news" stories (i.e. new installations, new projects etc) then the BA Executive would appreciate your contributions. Such stories are good for promoting the activities of BA and bioenergy generically.
- iv. **Bioenergy in New Zealand – Facts and Figures:** Members were asked to provide comments on the current draft material (circulated prior to the meeting).

Action: Brian Cox and John Gifford to Follow up with MBIE and the relevant associations regarding the development of a revised NZ Bioenergy Strategy.

b) Wood Energy Advisers Scheme.

The criteria for the scheme were presented to the Bioenergy Association Board Meeting on the 25 July 2014 and were approved for introduction but finalization was delayed until funding was sought.

Bioenergy Association staff have now completed the project and absorbed the cost personally as the delay was having a significant effect on a number of other actions. The roll-out of this will focus on three main areas of activity the Rotorua/Bay of Plenty/Waikato; Canterbury and Southland (with the Southland release being in conjunction with Venture Southland).

The scheme was announced on the 20 February.

Documentation for the scheme is currently being finalized and it will be available on the UsewoodfuelNZ website from the 28th Feb. The documentation will be trialed so early adopters are sought. Feed back on the documentation and registration process is sought so that improvements can be made before the scheme is promoted more widely.

Recommendations:

The WEIG Committee to:

- i. Endorse the launch of the scheme by the 20th of February 2015.
- ii. Endorse the development of the trial scheme (first trial candidates registered by the 31 March 2015).

Carried by the WEIG

c) Assessment of moisture measurement methods

This activity has not been included as part of the VS programme. Other sources of funding for this work are to be identified.

No current suggestions for alternative funding have been identified.

d) Wood boiler safety standards

No progress has been made on this task.

Recommendation: That this task be held until other projects are completed.

Agreed by the WEIG

e) Wood fuel supplier accreditation scheme

Discussion:

CMc asked if many wood fuel suppliers had indicated an interest in becoming an accredited wood fuel supplier.

BC indicated that a number of wood fuel suppliers were keen for the scheme and that it is a key way for high quality suppliers to differentiate themselves in the market place.

CMc indicated that VS wants to work with BA and that VS is expected to practice appropriate procurement processes for services.

BC indicated that unfortunately VS has not really sat down with BA to clarify how its relationship with the BA could work most effectively, despite efforts by BA.

CMc indicated that there appears to be cross over between what is in the VS RFP and what the BA is currently undertaking. This will need to be looked at.

BC pointed out that if VS came to the WEIG with what it wanted then BA could respond. At present VS is doing things such that there could be duplication of best practice standards and accreditation processes and that would not be a good look for the use of Government funds.

BC said that he had been advised by EECA and MBIE that the funding for the accreditation scheme had to come out of VS as that was where all the money now sat so hence there is some mismatch in the process but not in what the objectives are. BA and VS have a good relationship and often talk and VS has to comply with local government processes.

Trying to get funding is a barrier to progress in the wood energy sector so we have had to just get on and complete and launch the schemes as best we can.

Recommendations:

- I. That BANZ launch the wood fuel supplier accreditation scheme by the 20th February 2015.
- II. That the WEIG endorse the running of a trial of the scheme and complete initial trial accreditations by the 31 March 2015.

Supported and carried by the WEIG

f) BANZ Wood Energy Continuing Professional Development Programmes

The Bioenergy Association is organizing a training programme to support the introduction of the Registered Wood Energy Advisers Scheme and is seeking funding to speed up introduction from Venture Southland.

Discussion:

CMc: The training scheme is appropriate and the BA appears to be offering a robust programme. Need to ensure that there is no duplication with the VS programme.

Recommendations:

- I. The WEIG endorse the Bioenergy Association running wood energy training courses with Waiariki Institute of Technology;
- II. WEIG members provide comments and feedback on the proposed curriculum by the 16 February 2015.
- III. WEIG members start to identify opportunities to market the training courses. Member support for the training programmes will be important.

The launch of the professional continuing education programme was supported by the WEIG and carried.

g) Air emissions from wood fuelled boilers

- The National Air Quality Working Group (NAQWG) which consists of regional and central government representatives and coordinated by MfE has established a Wood-burner group.

- Wood burners for domestic heating are generally not a favoured option by Regional Councils because they are perceived as “uncontrollable” sources of particulate air emissions in urban airshed areas.

Recommendations:

- I. JG is looking at options for wood fuelled systems for the Rotorua air shed area in collaboration with the Rotorua Bioenergy Group.
- II. The air emissions technical guide be held over until the accreditation schemes are bedded down.

Supported by the WEIG and carried.

h) Regional initiatives

i. Proposal to Venture Southland - Southland wood fuel supply market project

BC gave an update on where the BA is at with regards to responding to the VS RFP for a “Consultant specifier Practice Paper.

- VS is seeking an accreditation scheme. Rather than VS developing its own scheme, BA will advise VS that the BA scheme is now available to it. VS is a member of WEIG so already has a mechanism for ensuring that the scheme is appropriate to its needs and one that meets the appropriate standard.
- BA also has a Continuing Professional Development Scheme overseen by the senior members of the sector e.g. the WEIG Committee, and this is available to VS. However BANZ will offer to develop specific training for practitioners in the Southland area.
- BA is in the process of developing a suite of short courses through Waiariki Institute of Technology and VS could assist with faster development of the courses. Specific rollout for Southland could be undertaken.
- BANZ has established a Professional Standards and Complaints Committee and this is available to VS as a BA member.
- VS has sought development of a practice guide for wood energy plant design. It is a pity that VS didn’t raise this when the WEIG work programme was being set but it can be included as a Technical Guide (TG) joining the suite of TGs that the WEIG has been developing over the last 2 years.
- The proposal to VS will focus on options for rollout and promotion of the accreditation and registration schemes in Southland, faster development of the wood energy short courses, and preparation and publication of a TG relating to the design of wood energy plant.

Recommendation:

That the WEIG Committee endorse the principles of the proposed response to VS provided above.

Supported by the WEIG and carried.

ii. Northland

Discussions with Northland Inc (The economic development agency for Northland) has resulted in a proposal to establish a mechanism to bring the buyers and sellers of wood fuel together to improve the existing trade in wood fuel in the region.

iii. Rotorua Bioenergy Group

A Rotorua Bioenergy Cluster has been established to provide a local business centric focus on identifying and delivering on bioenergy projects. The Group pulls together a diverse range of businesses that can collaborate to deliver solutions to the market. The first meeting of the RBC attracted interest from 15 different Rotorua based businesses spanning a broad range of activities including engineering, electrical and instrument suppliers, home heating, wood fuel suppliers, consultancies, equipment suppliers to forestry service companies and local bioenergy suppliers.

The main focus of the Group is to encourage more coordinated activity for bioenergy related projects in the Rotorua district and surrounding areas.

Three meetings have been held and list of potential projects has been developed. The next meeting will be scheduled for late April 2015.

iii. Establishment of a Canterbury Bioenergy Group

No progress has been made on this.

Propose that it be held until other tasks are completed.

6. Event and Continuing Professional Development Programme

The BANZ event programme is an important part of The Bioenergy Association's activities and splits into:

- conference – public promotion and Continuing Professional Development focus:
- workshops, site visits and webinars – With a main focus on Continuing Professional Development.
- Training – Continuing Professional Development

A draft of the 2015 programme was circulated.

Discussion:

BC indicated that BA has had a change in philosophy with the events becoming an integrated component of the CPD programme which is now linked to a registration scheme for Wood Energy Advisers.

BC commented that the BA executive wants further contributions from members on possible presenters for the proposed events. If WEIG members are aware of potential speakers – then please contact either Brian Cox or John Gifford.

The proposed wood energy programme of events was endorsed by the WEIG.

Seconded: Lyndon Haugh.

7. Wood Fuel Notice Board

BA has been receiving a number of enquiries from people with surplus wood processing residues or wanting wood fuel. As a result a wood fuel supply notice board has been added to the Usewoodfuel website

http://www.usewoodfuel.org.nz/woodfuel_supply.html#WoodFuelNoticeBoard
[y](#)

This can be used to identify either potential sources or the availability of wood fuels. If you wish to make a listing, please contact either Brian Cox or John Gifford.

8. Other Business

No other business was considered.

9. Next Meeting

The next meeting of the WEIG is scheduled for Thursday 26th March 2015.

10. Meeting Closed

4.40pm 10 February 2015

BANZ Wood Fuels Interest Group Work Programme – 3 March 2015



Highlighted activities have been completed



Highlighted areas in red are current priorities

Work Stream	Description	Status	Priority action items and indicative budgets: Revised 3 March 2015
Market development activities: Phase 1 Developing critical market tools)			
Wood fuel classification guidelines	Update guidelines and align to other appropriate international standards. (essentially this is the NZ policy document which references the relevant international standards)	Accepted and published on the BANZ website as TG1 (version 6) Wood Fuel Classification Guidelines	Sizing description to be updated
Wood fuel verification methods	Describe standard methods to verify the quality of wood fuels	To be finalized and approved as TG5 Standard methods for Specifying and Verifying Wood Fuel Quality in NZ	Document completed and ready to support the Wood Fuel Supplier Accreditation scheme
Testing and evaluation of moisture measuring equipment	Test and evaluate a range of moisture measuring tools	Not started	Project currently on hold-subject to funding support
Model wood fuel supply contracts	Develop model wood fuel contracts to guide users developing their own contracts.	Document completed	Document completed and ready to support the Wood Fuel Supplier Accreditation scheme
Technical guidelines for wood fuels	Collation of information on the supply and use of wood fuels so as to assist contractual relations between buyers and suppliers	Document completed	Document completed and ready to support the Wood Fuel Supplier Accreditation scheme
Accredited wood fuel suppliers	The development of an accreditation scheme for wood fuel suppliers	Scheme launched 20 February 2015	Scheme launched 20 Feb 2015



Wood energy advisers scheme	The development of a certification scheme for wood fuel plant specifiers	Scheme launched 20 Feb 2015	Scheme launched 20 Feb 2015
Proposal to Venture Southland for Consultant and Specifier Practice Paper	<p>BA proposed:</p> <ul style="list-style-type: none"> • Development of a practice paper • Update of WE adviser tools • Update tender guide • Information transfer • Recommendations for certification and accreditation 	Proposal submitted 24 Feb 2015	Proposal submitted on behalf of the WEIG.
Accredited wood fuel plant accreditation	The development of an accreditation scheme for wood fuel plant suppliers	May conference indicated that this is a high priority	On hold
Emission guidelines for high performance wood fired heat plants	The development of appropriate air emission guidelines appropriate for the burning of wood fuels in modern high performance heat plant. Take into account existing documents	Draft scope to be presented to the June WEIG meeting	Project on hold
Development of boiler safety guidelines	Prepare a safety guideline for the design and installation of boilers	Proposed 03/03/2014 Rob Mallinson has prepared a draft which was distributed and stimulated quite a bit of discussion.	Project on hold
Market development activities: Phase 2 Developing the market			
Update the BANZ Heat Plant Database	This was last updated in 2011 but there are a number of errors in it. This database should be a primary tool for BANZ to be targeting coal users to convert to wood fuel. WFIG Committee should be assisting to update it	MBIE has contracted for the database to be updated.	Report is now available from EECA
Wood fuel equipment catalogue	Establish capability for listing equipment in a catalogue on the usewoodfuel website	Completed. Is attracting new international equipment suppliers	

Forestry and wood processors value proposition	Document to sell wood fuel benefits to forestry and wood processing sector.	Published as BANZ Occasional Paper 13	
Landowners Value Proposition	Document to sell wood fuel benefits to landowners.	Published as BANZ Occasional Paper 12	
Identification of all wood fuel suppliers	Get them to be members of BANZ	BANZ support staff working through supplier list. Provide additional contact details as appropriate. Names of member suppliers are listed on the Usewoodfuel website	On-going \$0
Collection of monthly wood fuel sales data	MBIE and EECA are looking to BANZ to collect this data so that it can be included in the published Energy Data Files. Data on the wood fuel that is used but not purchased should also be collected so that we can fully show how extensive the wood fuel market already is.	No current active proposal for funding	\$12,000 /year – no progress but a high priority
Land owners value proposition	Document to sell the value of using wood residues and waste land owners	Completed and published as BANZ Occasional Paper 12	0
Wood fuel supply conference	7 November 2013	Completed	0
Wood Fuel heat plant showcase conference	May 2014. Workshop targeting all owners of heat plant which could be converted to biomass	Conference was completed and well attended. 75 delegates.	0
Asset owners value proposition	Document to sell wood fuel benefits to asset owners who currently use coal.	To be developed	0
Government value proposition	A document that focuses on the value proposition of bioenergy to the	Proposed 03/03/2014 - To be developed	0

	Government and what both the direct economic and intangible benefits are.		
Reference sheets on wood fuel	Finalization of the two documents already produced. There are a number of other Reference Sheets relevant to wood fuel that the Committee should review and take ownership for.	<p>Information sheets updated for the November and may conferences</p> <p>IS17 Care Homes, Rest Homes and Hospital Facilities Using Wood Fuel http://www.usewoodfuel.org.nz/using_wood_fuel.html#rest-homes http://www.usewoodfuel.org.nz/using_wood_fuel.html#school-institutions</p> <p>IS05 Education Facilities Using Wood Fuel http://www.usewoodfuel.org.nz/using_wood_fuel.html#school-institutions</p> <p>A full list of the 28 Information sheets is on the BANZ website. http://www.bioenergy.org.nz/resources.asp#infosheets</p>	0
Wood fuel contribution to green house gas emissions reduction			
UseWoodFuel website		Updated	
Projects data base		completed	

Targeted approach to asset owners with coal fueled plant	BANZ generic approach to asset owners to convince them of the benefits of converting to wood fuel. (This should support the individual efforts that members are doing to convince them to convert to wood fuel).	Included into proposal to Venture Southland	0
Wood fuel sales prices	Work with NZX to collect monthly sales price data	On hold	0
Field visits programme	That a field visits programme be developed that complements the webinar and conference programme and allows members and non members to view demonstration projects	Done. Draft programme to be considered by the 10 Feb 2015 WEIG meeting	Field visit programme for 2015 completed and circulated
Development of "mini" case studies	These are case studies developed by the WFIG and published on the BANZ website that highlight successful solid biofuel heat plant installations.	Proposed 03/03/2014 To be developed.	0
Total Estimated cost for priority activities			