



BANZ Wood Energy Interest Group Meeting
Held on Thursday, 28th May 2015 at 3.30pm
via GoToMeeting link

Present:

Brad Coleman (BColeman)	Canterbury Chip Supplies
Tony Oosten (TO)	Fonterra
Rob Mallinson (RM)	Living Energy
Peter Brown (PB)	Miscanthus NZ
Rory Bell (RBell)	CRL Energy
Peter Hall (PH)	Scion
Tim Armstrong (TA)	East Harbour

Apologies:

Lyndon Haugh (LH)	CHH Pulp and Paper
Murray Cowan (MC)	Wood Energy NZ
Mike Suggate (MS)	East Harbour
Rens Bosman (RB)	NZ Wood Fibre Co. Ltd
Christian Jirkowsky (CJ)	Polytechnik

In attendance

Brian Cox (BC)	BANZ
John Gifford (JG)	BANZ
Dinesh Chand (DC)	EECA

1. Welcome.

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

Two additional agenda items were confirmed:

1. Draft submission to Ministry for the Environment on "Setting New Zealand's Post 2020 Climate Change Target".
2. Course description for WE1 Wood Fuel Supply.

2. Apologies

Apologies were received as listed above.

3. Minutes of the previous meeting – 10th February 2015

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

The minutes from the 10th February 2015 meeting were taken as read and approved as a true and accurate record of the meeting.

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 on the status of activity with Venture Southland and referred to the paper sent with the agenda.

BC reminded the meeting that the Wood Fuel Notice Board has been established and was available to list either the supply or requirements for wood fuels and that these listings were being used to match wood fuel users with suppliers.

5. Event and Continuing Professional Development Programme

BC indicated that the Wood Energy Quality Framework that the BA has developed will be overseen by the WEIG and that it is important that these activities are seen to have the right quality and credibility by the sector. Furthermore, the BA needs ongoing guidance from the WEIG and confirmation that the 'right' activities are being undertaken. With the hosting of accreditation schemes and training courses it is important that information, criteria for accreditation and training material is without bias and fully representative of the sector.

BC noted that while some of the documentation looked "heavy and overly long" it is because they are compliance documents and need to be though.

BC also indicated that EECA is now starting to expect BA accredited suppliers and registered advisers for their projects and that this is the type of support the accreditation schemes require if they are going to become meaningful. We need the large companies to **only employ registered wood energy advisers**. If the lead doesn't come from them then there will be no incentive for consultants to get registered and we are wasting our time.

Wood Fuelled Heat Plant Operators Forum 2015 – 26 June 2015

The programme for this event is well advanced and there has been good support for the forum. BC indicated that there was still a space for one more speaker from the wood processing sector and if anyone knew of an appropriate person to contact him as soon as possible.

TO offered to present a paper on boiler water chemistry. This was noted and Brian will get back in touch with Tony O as appropriate.

On the evening of the 25 June 2015 the BA AGM is to be held at the Distinction Hotel, Rotorua. There will be an informal dinner following this. If anyone is interested in putting their name forward for the Board, then these names should be submitted as soon as possible to the BA Executive Officer.

WEIG members are encouraged to send the Flyer for the Forum onto their clients or potential clients and get the kudos from them for having done so.

Short course WE6: Small scale wood fuelled heat plant operation – 27 June 2015

The meeting was referred to the proposed programme for this event (provided with the Agenda). Currently the course will be largely presented by Peter Kernohan and Christian Jirkowsky. Preliminary interest in the course has been strong with much of this coming from the South Island. Pioneer Energy has indicated an interest in hosting and supporting a further course in both Christchurch and Dunedin. The course on the 27 June will be held at Waiariki Institute of Technology, Rotorua. Registrations for this event are coming in. However WEIG members are encouraged to pass the flyer onto their local schools and rest homes which have small coal or wood fuel heat plant. (BC noted that several schools that have coal plant are also interested in attending as they are interested in the safety aspect. They are being encouraged to attend as then they may also see the benefits of wood fueled equipment.)

RM asked if it would be appropriate to run a course in Thames and include a visit to appropriate facilities in the area. It was indicated that the BA is committed to running the first course at Waiariki as the Association has been developing a relationship with Waiariki over the last 2-3 years and that planning was well advanced for the current course on the 27 June.

Members of the WEIG were requested to review the programme and provide any further suggestions on the programme and content of the course.

Short course WE1 Wood fuel supply & WE2 Contracting for the sale and purchase of wood fuel

The course curriculum for WE1 was circulated for WEIG member input and guidance. Any comments to be sent to John Gifford after the meeting.

Other courses are being worked on and will be rolled out later in the year.

6. 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”**

There is strong interest in running this conference. The BA Executive requires input from WEIG members regarding possible speakers and potential delegates. Contact Brian Cox with details or suggestions.

ii. **Government:** BC has made contact with officials from the Labour and Green parties and updated them on the activities of the BA.

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 the BA and bioenergy generically.

The BA communication programme is drawing to an end and a launch function is currently being considered around the time of the AGM in Rotorua during June.

iv. **Bioenergy in New Zealand – Facts and Figures:** This is completed.

b) Update on Venture Southland

Refer to the paper attached to the Agenda - there was no further discussion on this item.

c) Wood Energy Advisers Scheme.

BC provided an update on the scheme and indicated that the criteria had been too stringent. Changes have been made to the registration process which focuses more on experience rather than knowledge. BC also indicated that it is the aim of the scheme administrator to have the application process so that it can be to be completed in a couple of hours.

The WEIG was requested to provide any comments on the scheme back to BC as soon as possible.

d) Assessment of moisture measurement methods

This activity has been removed from the WEIG priority list of projects.

e) Wood fuel supplier accreditation scheme

Brad Colman (Canterbury Chip Supplies) is the first BA wood supplier to achieve accreditation.

BC indicated that more suppliers need to apply and seek accreditation.

Dinesh Chand (EECA) was asked to follow up with Venture Southland if they have any concerns with the BA accreditation scheme and that Venture Southland should be encouraging local wood fuel suppliers to become accredited.

f) Regional initiatives

a. Rotorua Bioenergy Group

The Rotorua Bioenergy Cluster has assisted the Rotorua District Council to hold a mini symposium of how district heating based on geothermal and bioenergy can assist reduce air emissions and contribute to healthy homes.

b. Canterbury

BANZ was able to get a short holding submission into the Regional Council on the Canterbury Air Regional Plan. We will now have to develop the submission further.

7. EECA Collaboration Agreement

BC provided a brief update on the status of the collaboration agreement with EECA (refer paper circulated with the agenda). The collaboration agreement has an appendix with a schedule of potential priorities. WEIG members were requested to review the list and indicate priorities and to send this information back to BC as soon as possible.

8. Wood Pellet Heater Standards Committee

BC indicated that the BA needs to nominate a candidate for the Wood Pellets Standards Committee and indicated that the obvious candidates would be someone from either Natures Flame or Azwood. BC is to write to NF and Azwood to see if they will nominate possible members.

9. Updating Technical Guides

The Bioenergy Technical Guides are important documents as they underpin the wood fuel accreditation and Wood Energy Advisers Schemes. From time to time updates to these documents will be required.

Where updates to the technical guides are required these will be notified through the WEIG meetings, these will be noted in the minutes and notes will be added to the technical guideline documents.

10. Other Business

- a. WEIG members were requested to provide any comments on the BA submission to MFE regarding the proposed climate change targets for 2020.
- b. Rob Mallinson acknowledged all the work going in to keeping BA active and specifically mentioned efforts of BC and JG.

11. Next Meeting

The next meeting of the WEIG is scheduled for Thursday 9th July 2015.

12. Meeting Closed

4.40pm 28 May 2015

BANZ Wood Energy Interest Group Work Programme – Revised June 2015

Highlighted activities have been completed



Highlighted areas in red are current priorities

Work Stream	Description	Status	Priority action items and indicative budgets: Revised 14 January 2015 ¹
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 – Completed.
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	Determine appropriate sampling procedures of wood fuel supplies for compliance with the accreditation scheme Finalise document
Testing and evaluation of moisture measuring equipment	Test and evaluate a range of moisture measuring tools	Not started	No funding available to advance this project Priority needs to be revised Low priority
Model wood fuel supply contracts	Develop model wood fuel contracts to guide users developing their own contracts.	Draft contract presented to Nov 2013 conference. Has been included as an appendix in TG6 Contracting to Deliver Quality Wood Fuel to Customers	Completed for the launch of 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	To be finalized and approved as TG6 Contracting to Deliver	Completed for the launch of the Wood fuel supplier accreditation scheme

¹ Selected budgeted items have been incorporated into the Southland Wood Fuels Supply Market project

	contractual relations between buyers and suppliers	Quality Wood Fuel to Customers	
Accredited wood fuel suppliers	The development of an accreditation scheme for wood fuel suppliers	Scheme drafted and presented to Nov 2013 conference as WFAS01 Wood Fuel Accreditation Guidance Document To be finalized and approved. Arose from the November and May conferences as being required. Some fuel suppliers have indicated that they will set up their own scheme if BANZ doesn't. Draft scope to be presented to the June WEIG	Scheme launched - February 2015
Registered Wood Energy Advisers Scheme	The development of a certification scheme for wood fuel plant advisors	May conference indicated that this is a high priority	Scheme launched February 2015
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	No funding available Project to be reprioritized.
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 until it is reprioritised and funding allocated

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. WEIG Committee should be assisting to update it	MBIE has contracted for the database to be updated.	New data based has been completed and a report has been made available to BANZ
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 funding support	No progress No funding for support for this activity currently.
Land owners	Document to sell the value	Completed and	0

value proposition	of using wood residues and waste land owners	published as BANZ Occasional Paper 12	
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 Government and what both the direct economic and intangible benefits are.	Proposed 03/03/2014 - To be developed	0
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.	Information sheets updated for the November and may conferences 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 IS05 Education Facilities Using Wood Fuel http://www.usewoodfuel.org.nz/using_wood_fuel.html#school-institutions	0

		A full list of the 28 Information sheets is on the BANZ website. http://www.bioenergy.org.nz/resources.asp#infosheets	
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).		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	Current programme attached	Will become part of the registered wood energy advisers scheme. Ongoing
Consultant training, continuing professional development and certification	This has been identified as an important activity as plant specifiers (consultants) are often not well informed about the characteristics of new heat plant.	Discussions held with Waiariki Waiariki will provide support for the development of the schemes.	First training course is scheduled for 27 June 2015
Development of "mini" case	These are case studies developed by the WEIG and	Proposed 03/03/2014 To be developed.	0



studies	published on the BANZ website that highlight successful solid biofuel heat plant installations.		
Total Estimated cost for priority activities			No funding secured for any of the above activities.