



BANZ Wood Energy Interest Group Meeting Agenda

Thursday, 21th May 2015 at 3.30.pm

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Agenda

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If you are not able to attend and wish to contribute, please contact either Brian Cox or John Gifford prior to the meeting.

1. Welcome and Apologies

2. Minutes of the previous meeting 10th February 2015.

(Attached)

3. Matters arising

All matters arising are covered under the various agenda items.

4. Executive Officer's Report

Information in this report is mainly for information and will not be discussed unless any matters are raised by members.

The BANZ Activity Report is also attached for information (Attached).

5. Event and Continuing Professional Development Programme

The launch of the Wood Energy Quality Framework as we are now calling the package has been strongly supported by government agencies and heat plant owners.

The association Event and Continuing Professional Development Programme is an important part of the association's activities and splits into:

- conference – public promotion and Continuing Professional Development focus:

- workshops, site visits and webinars – Continuing Professional Development.
- Training – Continuing Professional Development

The 2015 programme is attached. As these activities are important activities for the Association and while they are under the oversight of the respective Interest Groups the executive requires further input regarding topics and presenters. Members of the WEIG are encouraged to provide contacts, ideas, or suggestion for speakers, presenters, or locations for site visits. These events will be an important part of the proposed certification schemes as Registered Wood Energy Advisers will be expected to attend these events. This is also a mechanism for ensuring that those in the sector are fully up-to-date with equipment, technologies and knowledge.

Upcoming Events:

1. Wood Fuelled Heat Plant Operators Forum 2015 – 26 June 2015.

This event is for heat plant operators to meet each other and to share experiences – good and bad. By hearing what other operators have done to ensure appropriate fuel, and to their optimize plants. It is likely that attendees will learn how easy it is to get to best practice.

The forum will be structured around a range of plant suppliers, maintainers and operators sharing their knowledge and experiences and attendees discussing their own operating problems through facilitated group discussion.

The draft programme is attached. We have two gaps in the programme – one of which is an operator (ideally from wood processing so that we can attract wood processing operators)

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

This course is principally for the operators of school scale wood fuelled heat plant. The course is aimed at school caretakers etc who are required to operate a school heating system safely and efficiently. The course is aimed at assisting schools meet health and safety requirements. (Half day practical module).

The flyer and summary of course content are attached.

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

6. Wood Energy Interest Group Action and Work Programme

a) Promotion and lobbying for wood energy

i. August 2015 Conference – “Use of New Zealand’s Renewable Natural Resources and Clean Technologies to Achieve Economic, Employment and Environmental Benefits via Energy”:

BANZ has been in discussion with other renewable energy and related associations and has developed a document “Natural Resources and Clean Technology to Achieve Economic Growth and Wellbeing via Energy”. This was discussed at the February BANZ Board meeting.

The BANZ Board has supported that the joint relationship with the other renewable energy associations will provide the basis of future lobbying and promotion activities.

BANZ in collaboration with the Wind and Geothermal Associations will be hosting a conference in Wellington in late 2015/early 2016 on the use of “Natural Resources” theme.

The target audience for this conference will be policy makers, government officials, and regional and local government agencies.

The programme is currently being developed. If WEIG members are aware of possible speakers or potential contributors for this event, please advise the BANZ Executive accordingly.

ii. Government

The Bioenergy Association is proposing a campaign to contact key electorate MP’s and the economic development spokespeople for each of the main opposition political parties to outline the economic and employment growth opportunities associated with bioenergy. WEIG members are encouraged to make contact with their own local representatives. Please contact the Executive officer if you have already made relevant contacts in your area. A politician briefing pack is to be prepared.

BANZ will be making a submission on the NZ’s Climate Change Target.

iii. Public perception

The EECA funded Communications project is aimed at upgrading our means of communicating our messages to the public. Details are in the Executive Officers report.

iv. : Bioenergy in NZ – Facts and Figures

A review of the BANZ communications systems is currently being undertaken by Communiqué. A preliminary analysis indicated that a major gap in developing the wood fuel market is the lack of data on sales, the number of plants involved and the amount of energy being produced from wood fuel.

The BANZ Board and WEIG have supported the development of a Bioenergy Facts and Figures Booklet

The draft version has been prepared and reviewed by EECA and a final version is currently being prepared

b) Update on Venture Southland

Two meetings have been held with EECA with regard to the Southland issues. Grant Smith attended the first which was setting out the problem for Bill Brander who is the EECA manager who has inherited the southland project. EECA have taken on board the issues and are working to address them. (Refer meeting paper #1505/3 for details – attached).

Registered Wood Fuel Advisers Scheme In trialling the scheme it has become apparent that the criteria need to be reviewed. Attached is a revised draft criteria for Committee approval.

Recommendation

That the WEIG Committee approves the revised criteria for registration as a wood energy adviser.

c) Assessment of moisture measurement methods

No action has occurred on this item

d) Wood fuel supplier accreditation scheme

The first applicant Canterbury Wood Fuel Supplies has been accredited. A promotion to get other suppliers accredited is about to be launched.

e) Regional initiatives

i. 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.

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.

6. EECA Collaboration Agreement

The agreement has been signed by Mike Underhill and is now operative.

The Agreement provides for regular reviews and updating of Schedule 1 which is a non binding schedule of possible activities and should also provide priorities across the three years of the agreement. The current schedule is simply a starting point to get the Agreement operational. Schedule 1 is where EECA and BANZ activities are to be aligned. The key principles are in the introduction to the schedule as these set the overall priorities for the three years.

Schedule 1 only covers activities that are of common interest of EECA and BANZ and do not include activities such as advocacy which BANZ will be undertaking independently.

A meeting with EECA Strategy Team is scheduled for mid May to get EECA's consideration of the priorities. This will be the first time in over a decade that such an activity has occurred. We now need to give consideration of the schedule 1 list of actions and identify the priorities that we would like from collaboration. An expanded version of Schedule 1 is attached (Meeting paper 1505/6) and we should consider this and put some priorities onto the activities. We can also edit and add or delete listed activities.

Richard Briggs (EECA) is focusing on the big picture and recent discussions have been on having a formal relationship agreement between EECA and the association. This is expected to help us in assisting EECA to get back into having a handle on bioenergy.

See attached Schedule – EECA/BANZ Collaboration Plan.

Recommendation: WEIG to consider priorities and provide feedback to the BANZ Executive.

7. Wood Pellet Heater Standards Committee.

The Executive Officer will provide an update on this Standards Committee. The WEIG has the opportunity to nominate a person to participate on this committee to replace the BANZ Executive Officer who is the current BANZ representative.

8. 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.

9. Any other business.

10. Next meeting

The next meeting of the WEIG is scheduled for Thursday 2th July 2015.

Attachments:

1. Previous minutes (10th February 2015)
2. Executive Officers report
3. EO update on Venture Southland
4. Bioenergy Association Course curriculum summary
5. Programme for Flyer for WE6 Short Course **Small scale wood fuelled heat plant operation**
6. Programme for **Wood Fuelled Heat Plant Operators Forum**
7. Revised criteria for registration as a Wood Energy Adviser.
8. BANZ programme of events and training programme
9. EECA Collaboration Agreement (Schedule 1).

BANZ Wood Energy Interest Group Work Programme – Revised 20 May 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
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 contractual relations	To be finalized and approved as TG6 Contracting to Deliver Quality Wood Fuel to	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

	between buyers and suppliers	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 value	Document to sell the value of using wood residues and	Completed and published as BANZ	0

proposition	waste land owners	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 A full list of the 28	0

		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.	Draft curriculum prepared and to be presented to WEIG 3 rd February 2015 First training course is scheduled for 27 June 2015
Development of "mini" case studies	These are case studies developed by the WEIG and published on the BANZ	Proposed 03/03/2014 To be developed.	0



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