

Showcasing wood fuelled heat plant in Otago

28th October 2015

The Bioenergy Association invites you to “A showcase of nine innovative medium scale wood fuelled heat plant plus a wood fuel supplier in the Dunedin area with a focus on fuel handling systems”. See for yourself the alternative heat options available in Otago today.

Otago now has a reliable wood fuel supply and a range of heat plant applications in schools, rest-homes, institutions and accommodation facilities. This Bioenergy Association event is for those interested in understanding modern medium scale wood fuelled heat plant and considering investment in wood energy facilities in New Zealand and Australia. The Workshop provides an opportunity to see the heat plant in action and to hear from the owners, operators and equipment suppliers.

Workshop Key Features: This is a hands-on event where you will have opportunities to see and touch operational plant. This is a travelling workshop encompassing a ten site visits. The site visits will be wrapped in travelling presentations and discussions. As we travel speakers will provide information on each site we are to visit and on the specific equipment and aspects of the application. These small groups will assist discussion between attendees and your ability to question speakers. (The number of attendees will be limited to how many fit into one bus).

Workshop Focus:

The focus of this event will be to:

- Demonstrate **nine** modern heat plant facilities in a variety of settings and applications;
- Visit a wood fuel supplier – see for yourself what quality wood fuel looks like;
- Update attendees on the equipment being used – understand the technology types and features;
- Listen to plant owners why they chose to use wood energy;
- Provide the latest information for heat plant owners on the Bioenergy Association’s Wood Energy Quality Programme;
- Provide opportunities for heat plant owners, investors, wood fuel suppliers and equipment suppliers to share ideas.

A specific focus of the workshop will be the wood fuel supply at each facility. Discussion will focus on the importance of having a reliable and consistent supply of contracted specification fuel.



Workshop Registration: A registration form is available at www.bioenergy.org.nz/events

NOTE - Early bird registration until 25th October.

| | |
|---|-------|
| Early bird - BANZ member (until 25 Oct) | \$190 |
| Early bird - Non member (until 25 Oct) | \$220 |
| Earlybird – membership** plus registration | \$650 |
| BANZ member (after 25 Oct 2015) | \$220 |
| Non member (after 25 Oct 2015) | \$270 |
| Membership** plus registration | \$695 |
| Student | \$70 |
| Event sponsor | \$0 |

SPECIAL OFFER for non-members: Non-members of the Association can get a combined membership and registration deal for \$650 (which is a saving of \$218 off the full price). Normal membership is \$598 incl GST. Contact the Executive Officer to discuss this offer.

Workshop Safety: As the workshop will be visiting industrial sites all attendees must wear strong footwear and bring hard hats and hi-vis vests.

Continuing Professional Development: The Bioenergy Association supports members by providing opportunities such as this workshop that contribute towards Continuing Professional Development credits and maintaining registration as a wood energy adviser. Contact the Executive Officer for more details at executive@bioenergy.org.nz

The workshop is supported by



Travelling Workshop Programme

28 October 2015

| | |
|---------------|---|
| 8.00 | Registration at Centre for Sustainability Seminar Room, University of Otago, 563 Castle St., Dunedin Introduction to Living Energy's Boilers throughout the education precinct, Rob Mallinson |
| 8.15 – 8.45 | Visit Otago University Childcare Centre heating facility(200kW) |
| 8.45 – 8.55 | The range of university wood fuelled heat plant with a focus on fuel handling options, Hans Pietsch, Energy Manager, University of Otago |
| 8.55 – 9.15 | View two fuel handling systems |
| 9.15 – 9.25 | Walk to Polytech heating facility |
| 9.25 – 9.55 | Visit Otago Polytechnic heating facility (2 x 650kW) |
| 9.55 – 10.05 | Walk to University College of Education heating facility |
| 10.55 – 10.20 | Visit University of Otago – College of Education heating facility(1100kW) |
| 10.20 – 10.45 | Tea Break (Sponsored by Natures Flame)  |
| 10.45 - 10.55 | Bus travel to Brockville Introduction to Nature's Flame, Gerard Dobbs Introduction to Living Energy's boiler at 'The Little Sisters of the Poor' , Rob Mallinson, |
| 10.55 – 11.15 | Visit to 'Little Sisters of the Poor' Heating Facility (300kW) |
| 11.15 -11.35 | Bus Travel to Burnside The Introduction to Spark Energy's Biomass Processing Centre, Eduard Ebbinge, |
| 11.35 – 12.05 | Visit Spark Energy Biomass Processing Centre |
| 12.05 – 12.35 | Lunch (Sponsored by Spark Energy)  |
| 12.35 - 12.50 | Wood fuel pricing, Eduard Ebbinge, Spark Energy Bus Travel to Wakari hospital Introduction to Spark Energy's Boiler at Wakari Hospital, Eduard Ebbinge, |
| 12.50 – 1.30 | Visit Wakari Hospital Heating Facility (950kW) |
| 1.30 -1.55 | Travel to Mosgiel Introduction to Taymac's Boiler at Invermay Research Station, Julian Dunn, |
| 1.55 – 2.25 | Visit Invermay Research Station Energy Centre (2x640kW) |
| 2.25 – 2.55 | Tea Break (Sponsored by Azwood)  |
| 2.55 – 3.20 | Bus Travel to Dunedin Wood Fuel Supplier Accreditation and the Bioenergy Association model fuel supply contract, Brian Cox Introduction to Spark Energy's boiler at Knox College Energy Centre, Eduard Ebbinge, |
| 3.20 – 4.00 | Visit Knox College Energy Centre (540kW) |
| 4.00 - 4.30 | Return Sustainability Centre |