

# Wood residue to energy opportunities in Auckland

*.....a forum to bring together those with wood residues  
with heat users seeking wood fuel.*

4 February 2016, Corban Estate Arts Centre,  
Henderson, Auckland

Throughout Auckland there are a number of businesses who have residues of wood arising from their manufacturing operations. In addition, there are several heat users who would like an access to a supply of wood fuel. This Forum will bring these two groups together so that wood residues across Auckland are utilized rather than being wasted to local landfills.

The Forum will outline what is happening across New Zealand with regard to the use of wood energy and introduce attendees to the Auckland wood energy market.

Wood energy is now supplying 10% of New Zealand's consumer energy with increasing numbers of schools, rest-homes, institutions and manufacturers demonstrating that converting from coal and gas to using wood fuel holds many benefits.

**Potential Wood Fuel Users:** If you are considering making a change we invite you to come and listen to the presentations, meet local wood fuel suppliers and meet some of those local users who have already made the move to a cleaner, more convenient fuel.

**Potential Wood Fuel Suppliers:** If you have wood residues which you would like to dispose of and would like to meet people who may have a use for those residues you should attend this forum.

**Considering a Plant Upgrade?:** If you are considering an upgrade or the replacement of existing heat plant, this event is also for you. Come and meet those with wood residues to dispose of. Share the knowledge and experience of successful plant owners.

## OUR SPONSORS

The Auckland Council and Bioenergy Association is pleased to announce the following organisations as Conference Sponsors:



**Key note speaker - Auckland Council will outline their plan for transitioning to zero waste to landfill and maximizing financial and environmental benefits from waste.**

**Registration - Register for this Bioenergy Association Forum event using the registration form at [www.bioenergy.org.nz/events](http://www.bioenergy.org.nz/events) Read also about others who are using wood residue as fuel.**

## Conference Programme 4 February 2016

- 8.30 – 9.00 **Registration**  
9.00 – 9.10 **Introduction and welcome -**  
Parul Sood, Waste Planning Manager, Auckland Council

### The Auckland Wood Energy Market

- 9.10 -9.35 **KEYNOTE SPEAKER - Utilisation of wood fuel in schools, hospitals and institutions**  
Greg Visser - GM Business, Energy Efficiency and Conservation Authority  
9.35 – 9.55 **How the Low Carbon Auckland Plan is opening opportunities for business, environmental outcomes and a more liveable city.**  
Robert Perry, Principal Sustainability and Resilience Advisor, Auckland Council  
9.55 – 10.20 **Overview of the growth in use of wood fuel in New Zealand**  
Brian Cox - Executive Officer, Bioenergy Association

10.20 – 10.55 **Tea break (Sponsored by Living Energy)**

- 10.55– 11.15 **The demand for heat in Auckland**  
Kirk Archibald, Energy Efficiency and Conservation Authority (tbc)  
11.15 – 11.35 **The supply of wood residues for fuel in Auckland**  
Mike Suggate – Director, East Harbour Energy

### Wood Energy for Heating

- 11.35 -11.55 **Schools and hospitals using wood energy for heating**  
Rob Mallinson – General Manager, Living Energy  
11.55 -12.15 **Zealandia's use of wood energy for hot house heating**  
Vincent Wylaars, Zealandia  
12.15 – 12.35 **Wood energy at Henderson Valley School**  
Gary Logan, Henderson Valley School

12.35 – 1.35 **Lunch (Sponsored by Polytechnik Biomass Energy)**

- 1.35 – 1.55 **Utilising wood residues**  
Andrew Fisher, Ecostock  
1.55 – 2:15 **Hospital and horticultural uses of wood energy**  
Christian Jirkowsky – General Manager, Polytechnik Biomass Energy

### 'Wood Energy 101'

- 2.15 – 2.40 **All wood fuel is not equal**  
John Gifford, Gifford Consulting  
2.40 – 3.00 **Getting your heat plant sized correctly for your heat demand**  
Peter Kernohan, Peter Kernohan Solutions

3.00 – 3.30 **Tea break (Sponsored by Azwood)**

- 3.30 – 4.10 **'Speed Dating' – those with wood residues meet those wanting wood fuel**  
4.10 – 5.00 **Visit Henderson Valley School boiler**  
Gary Logan  
5.00 **Conference Wrap Up**