

Advances in biofuel market opportunities

16-18th November 2015,
Hamilton

The Bioenergy Association invites you to its annual Liquid Biofuels Conference. For those parties interested in the heavy fuels market where bio-oils are likely to be an early path to commercialization of liquid biofuels from biomass and municipal waste, this event is for you.

The event will cover all liquid biofuels but will specifically be of interest for marine, rail and other users of heavy fuel oils to get an update on progress being made towards having biofuels available for their applications. The Conference is an opportunity to meet others in the sector and get an update on technology and fuel developments.

Event Focus:

The Conference will focus on the markets for bio-oils and other biofuels and will be structured around the work of several market commentators, technology developers, and users outlining market demands.

The focus of this event will be to:

- Obtain an update of the emerging liquid biofuels market
- Hear from an international engine manufacturer of their success in using biofuels in their engines.
- See how niche markets are likely to be a pathway forward
- See bio-oil being produced.

The Conference will be preceded on the 16th November by a demonstration of the production of pyrolysis oil and followed on the 18th November by a symposium convened by the Advanced Biofuels Research Network outlining advanced biofuel research being undertaken throughout New Zealand.

Registration:

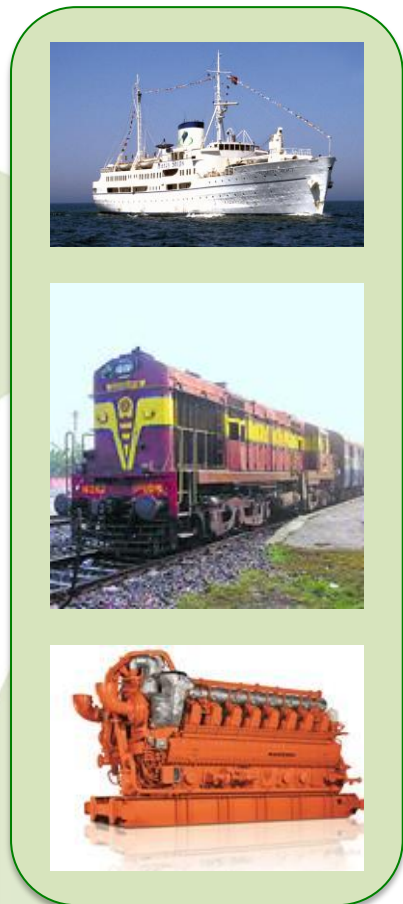
Discounts are available for attendees also attending the ABRN workshop on the 18th November.

Complete the Registration Form on the Bioenergy Association website to secure your place at this event:

<http://www.bioenergy.org.nz/event/advances-biofuel-market-opportunities>

Attendance at the pyrolysis oil demonstration is free.

Conference Sponsors: The Bioenergy Association welcomes the support of the following sponsors:



The 5th Science Symposium on Next Generation Liquid Biofuels and Co-Products:

The 5th Science Symposium on Next Generation Liquid Biofuels and Co-Products hosted by the Advanced Biofuels Research Network will be held on the following day 18th of November.

The Science Symposium will give you an opportunity to:

- Understand the biofuel research landscape in New Zealand.
- Further develop collaborations with other New Zealand research groups.
- Receive an update on world-wide developments from international experts.
- Interact with researchers, government, and industry interested in biofuels.
- Have your say on the activities of the Advanced Biofuels Research Network.

Information on the symposium is available here

<http://www.bioenergy.org.nz/event/next-generation-liquid-biofuels-and-co-products>

View a demonstration of a mobile pyrolysis plant

Preceding the conference attendees will be able to see the AES mobile pyrolysis plant operating and producing bio-oil from wood residues.

Programme change

Mobile Pyrolysis demonstration

Due to access issues outside our control the demonstration by AES of bio-oil being produced using their mobile pyrolysis plant is now not able to be undertaken at the University on Tuesday 17 Nov. It will now be held between 3-5pm on Monday 16 Nov at 156 Glenbrook Station Rd Glenbrook (Property RC Wymer) in South Auckland.

However, if you have prior commitments and can't make it on the 16th, Gavin has offered to also operate the plant on the Thursday morning after the conference.

Conference Dinner:

A dinner will be held for attendees of either or both events at the Hotel Ibis Tainui in Hamilton on the 17th November at 7.00pm. Indicate if you would like to attend the dinner on the Registration Form.

Continuing Professional Development:

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

Conference Programme 17 November 2015

8.30 – 9.00	Registration
9.00 – 9.05	Welcome and Introduction - Brian Cox, BANZ Executive Officer
9.05 – 9.20	Conference Opening Simon Arnold, Convener, Liquid Biofuels Interest Group
Key note speakers	
9.20 - 9.50	Biofuel for large engine applications: Wartsila experience Luca Febbraio, General Manager Energy Solutions, Wärtsilä Australia
9.50 -10.20	Update on Licella’s commercial demonstration plant Bill Rowlands, Chief Scientist, Licella and Ignite Energy Resources, Sydney
10.20 – 10.50	Tea Break Sponsored by Greenfuels NZ
Liquid biofuels market drivers	
10.50 – 11.15	Converting biomass into renewable diesel Peter Brown and Proton Power, California
11.15 – 11.35	Pathways for transport biofuels Paul Bennett, Science Leader, Clean Technologies, Scion
11.35 – 12.00	The breadth of products that can be made from biochar John McDonald-Wharry, Waikato University
12.00 – 12.20	The biodiesel market is alive and well Martin Johnson, Greenfuels NZ
12.20 – 1.20	Lunch Sponsored by Gull
Pyrolysis commercialization	
1.20– 1.50	INTERNATIONAL SPEAKER Professor Jörg Sauer, Institute of Catalysis Research (IKFT), Karlsruhe Institute of Technology, Germany.
1.50 – 2.10	Fitting the market to the technology Simon Arnold, Blended Fuel Solutions (NZ)
2.10 – 2.30	Progress towards developing a 50tonne/day fast pyrolysis plant Gavin Hedley, AES
2.30 – 2.50	An overview of the liquid biofuels market in New Zealand Andrew Campbell, EECA
2.50 – 3.20	Tea break.....Sponsored by Covey Consulting
3.20 – 4.00	INTERNATIONAL SPEAKER Techno-Economic Challenges of Fast Pyrolysis Commercialization Peter Fransham, ABRI-Tech Inc, Namur, Quebec, Canada (by video link)
4.00 – 4.20	Beyond fuels – high value chemicals from biowaste. Geoff Covey, Covey Consulting
4.20 - 4.55	What will it take for biofuels to be implemented in NZ? Panel: Paul Bennett, Simon Arnold, Vincent Smart (EECA)
4.55 – 5.00	Conference Closing
7.00	Bioenergy Association and ABRN networking and informal dinner (Hotel Ibis Tainui, Hamilton)

8.30am 18th November Science symposium - Next Generation Liquid Biofuels and Co-products