

Bioenergy and net-zero emissions – what next? Invitation only workshop hosted by the Bioenergy Association Board

25 October 2018,

Crowe Horwath Meeting room, Level 1, Crowe Horwath House, 57 Willis Street, Wellington

Objective

To outline the opportunities that through the conversion of wood and organic waste into energy will contribute to reducing greenhouse gas emissions and enhance the circular economy, and identify the actions which will assist achieve 2050 net-zero emission targets.

Attendees

Bioenergy Association

Board members

Grant Smith (Chair, Smith & Mitchell)
Grant Dunford (Negawatt Resources)
Sachin Ekbote (BECA)
Darrin Gilchrist (Oji Fibre Solutions)
Paul Bennett (Scion)
Tony Oosten (Fonterra – absent)

Interest Group Conveners –

Simon Arnold (Blended Fuels, Liquid biofuels)
Alzbeta Bouskava (BPO, Waste-to-energy/Biogas)
Rob Mallinson (Living Energy - Wood Energy - absent)

Staff –

Brian Cox
John Gifford (Acting Convener Wood Energy)

Gold members –

Brook Brewerton (Azwood Energy)
David McGregor (Renew Energy)

Officials from

MfE - Jay Hadfield, Matthew Smith (1)	Climate Commission – Amelia Sharman plus (2)
MBIE (3)	MPI Antonia Reid (1)
TPK ?	NZFFA – Howard Moore
WPMA ?	MOT (1)
	NZFOA – Glen Mackie
	Just Transitions – Gus Charteris, Ron Clink

Possible max of 25 attendees at any time during the day as some attendees will only attend for some sessions.

Background

In 2016 Bioenergy Association set out to show that “Yes we can!”- achieve significant greenhouse gas emission reductions to meet the Paris targets. Since then we have quantified what level of emissions reduction is achievable from implementation of bioenergy solutions, and what will be necessary to speed up those reductions.

The adoption of the National Energy Efficiency and Conservation Strategy (NZECS); the review of the Waste Strategy; the implementation of a programme to plant 1 million trees; the possible inclusion of agriculture into the ETS; concern about discharges to air and waterways; the introduction of a zero net carbon Bill; the establishment of the Climate Commission; and the publication of the report by the Productivity Commission on the pathways to achievement of a low-emissions economy, each provide strong drivers for utilisation of bioenergy solutions to reduce greenhouse gas emissions.

To achieve the maximum level of greenhouse gas emissions will require business and Government, central and local, to work closely together on priority initiatives. The bioenergy value chain has a number of participants and coordination and collaboration will be essential in order to overcome market barriers.

Approach

The invitation only workshop is to bring the senior bioenergy sector leaders together with relevant government officials to share under Chatham House rules critical thinking that will assist government officials developing policy to take to ministers, and assists the sector leaders to develop a sector plan aimed at achieving the identified targets by 2050. The event will also assist the Association develop its business plan for growing the sector to meet the 2050 targets.

The workshop will be structured around the three primary areas identified by the Productivity Commission – low carbon heavy transport biofuels; process heat from woody biomass and reduction of methane emissions via utilisation of waste to energy.

Briefing papers on each bioenergy sector activity stream will be circulated to attendees prior to the workshop.

Agenda

9.00am	Welcome and outline of the workshop objectives, Grant Smith, Chair Bioenergy Association
9.15	Overview of the sector Brian Cox, Executive Officer Bioenergy Association
9.30	Government low emissions transport policy settings MOT
9.45	The low emission transport opportunities and constraints Simon Arnold, Convener Liquid Biofuels Interest Group
10.00	The actions and path forward to assist achieve the transport net-zero emission targets Plenary discussion
10.30	Break
11.00	Government process heat policy settings MBIE
11.15	The forestry and wood processing policy settings relevant to bioenergy MPI
11.30	The process heat bioenergy opportunities and constraints Rob Mallinson, Convener Wood Energy Interest Group
11.45	The actions and path forward to assist achieve the process heat net-zero emission targets Plenary discussion
12.00	Break
12.20	Process Heat continued
1.30	Climate Commission work programme update MfE
1.45	Government organic waste policy settings MfE
2.00	The waste-to-energy opportunities and constraints Alzbeta Bouskova, Convener Waste-to-energy/biogas Interest Group
2.15	The actions and path forward to assist achieve net-zero emission targets from waste via wte Plenary discussion
3.00	Break
3.30	What next? Plenary session bringing it all together
4.00	Wrap
4.05	Bioenergy Association Board meeting - Actions
5.00	Close

The programme is structured around each of the three focus areas so that people may attend only for the topics of interest to their own work. The programme assumes attendees are well informed about the sector so each session is based around a quick summary of the policy work being undertaken and the prime opportunities for reducing emissions, followed by a more extended time to discuss relevant matters arising from the summaries on what industry will do and what Government could assist with.