

State of Bioenergy in New Zealand

Providing energy security and underpinning sustainable food for export

Brian Cox - Executive Officer, Bioenergy Association
Alzbeta Bouskova Houghton - Convener, Gaseous Biofuels IG
Rob Mallinson - Convener, Solid Biofuels IG
Simon Arnold - Convener, Liquid Biofuels IG

10 October 2024 (Thurs)
3:00 pm (NZST)
 10:00am (AWST) | 11:30am (ACST)
 12:00 noon (AEST) | 1:00 pm (AEDT)

Please Note: This presentation will precede the Bioenergy Association AGM at 4:00 pm

Bioenergy and biofuels have become a mainstream sustainable source of energy across New Zealand.

Bioenergy has made significant gains over the last decade and to celebrate this the Bioenergy Association will present its take on the status of bioenergy in New Zealand and the progress towards biofuels being a main-stream source of energy for New Zealand.

Today, Investment in bioenergy and biofuels are being driven by:

- The need for energy supply security
 - Replace essential fossil gases with biogases by 2050.
 - Supply of biomethane to fuel gas turbine generators to smooth wind and solar electricity fluctuations.
 - Refuel Huntly Power Station on biomass to provide firming capacity for dry hydro years and reduce the need for LNG.
 - Broaden drop-in energy fuel options and allow electricity to be used in higher value operations.
- Assist food suppliers to meet international buyers' sustainability requirements.
 - Assist food processors have the most appropriate energy supply for heat generation, hedging against higher energy costs in the future.
- Increase wellbeing to communities
 - Provide another income stream for farmers.
 - Improve agricultural land by integrating trees into farming landscapes, using biofertiliser, while reducing erosion, sedimentation, and nutrient losses.
 - Assist the Government avoid the need to purchase \$24billion of international emissions reduction credits.



Brian Cox has worked as the Executive Officer of the Bioenergy Association for a number of years and has observed the growth of the use of bioenergy for the wellbeing of New Zealanders.



Alzbeta Bouskova is the Convener of the Gaseous Biofuels Interest Group and has been instrumental in making biogas production as an important method for recycling organics into energy and biofertiliser.



Rob Mallinson was early into the sale and installation of bioenergy heat plant and uses his knowledge and skill as Convener of the Solid Biofuels Interest Group.



Simon Arnold is the Convener of the associations activities in liquid biofuels based on his experience in innovation and commercial development of emerging technologies.

Webinar registration: The webinar will be held via Zoom. Please register using the following link.

[Webinar Zoom link](#)

Continuing Professional Development (CPD) - The Bioenergy Association supports members by providing opportunities such as this webinar that contributes towards CPD and maintaining registration as a Bioenergy Adviser. Contact the [Executive Officer](#) for more details.