

Extraction of green CO₂ from combustion of biomass

Presenter:

Nigel Campbell
of Captivate Technology

Date: Tuesday 16 April 2024

2:00pm (NZST) | 10:00am (AWST)
11:30am (ACST) | 12 noon (AEST)

New Zealand can enhance the emission reductions achieved from using biofuels by capturing the waste carbon dioxide emissions. The extraction of green carbon dioxide from biomass heating can produce a valuable co-product.

The green carbon dioxide is a valuable product for enhancing plant growth in covered horticulture and is necessary for carbonated beverages. The recent shortage of supply of food grade carbon dioxide alerted many people that we need to develop diversity of production of food grade carbon dioxide.

Hear how:

- Carbon dioxide recovery from bioenergy boilers is evolving internationally.
- Cost-effective carbon capture and delivery to market can be achieved by use of technology for sieving carbon dioxide from boiler emission streams.
- Understand the history of how solid-state carbon dioxide adsorbent was discovered and developed at Massey University
- Solid state adsorbent material has been used to capture emissions in New Zealand at demonstration scale.
- Solid state adsorbents compare to other methods of carbon capture.
- Captured Carbon dioxide can be used or store.

The Bioenergy Association invites anyone interested in carbon dioxide recovery to attend this webinar.



Nigel Campbell is the Business Development Manager of Captivate Technology.

Nigel has a wealth of experience in the energy sector having worked in the upstream oil and gas sector in New Zealand and internationally.

More recently Nigel has been working with Captivate to help demonstrate and grow their carbon dioxide separation technology.

Registration details

Please register using the following

[Zoom link](#)

Attendance is **FREE** courtesy of



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