

Agricultural Feedstocks for Gaseous Biofuels

Rocky Renquist

(Bioenergy Cropping Solutions)

Stephan Heubeck

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2.00pm (NZST), 14 August 2025
10:00am (AWST), 11:30am (ACST),
12.00 noon (AEST)

Internationally, as countries work to replace declining supplies of natural gas with increasing volumes of biogas and biomethane, there is growing recognition that agricultural residues will be essential as a feedstock source.

Between the pre-1984 period and again from 2006 to 2014, the New Zealand Government funded extensive research into various agricultural crops suitable as bioenergy feedstocks. This research remains highly relevant today.

To ensure it remains freely accessible, the Bioenergy Association is republishing these research findings through the Bioenergy Knowledge Centre, making the reports freely available to all. Explore the collection at www.biogas.org.nz/biogas-knowledge-centre

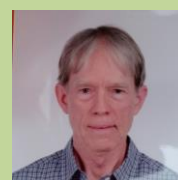
Rocky Renquist, a Life Member of the Bioenergy Association, played a central role in much of the public bioenergy research from 2006 onward.

In this webinar, Rocky will present an overview of that research, supported by Stephan Heubeck, who was also closely involved in the MPI-funded gaseous biofuels research between 2008 and 2014.



The Bioenergy Association's Agricultural Feedstocks Working Group leads the research and promotion of agricultural feedstocks for bioenergy. Members with an interest in this area are encouraged to join the Group. Learn more at www.biogas.org.nz/agriculture-feedstocks.

The Bioenergy Association invites all interested parties to attend this webinar, which will present research findings on the most suitable plant species to use in New Zealand as feedstocks for high biogas and biomethane yields in New Zealand. This session will include plenty of opportunity for questions, discussions and audience input.



Rocky Renquist is a horticultural crop physiologist with 33-years of experience including 9-years focused on high-biomass species.

He has been a leading researcher in New Zealand on non-woody cropping systems for supplying bioenergy and biofuel facilities. The crops he has studied – both novel and well-established – can be grown sustainably without competing for prime arable land.



Stephan Heubeck is an Environmental Engineer with over 20-years of experience in the design, installation, operation, optimisation and research of biogas and anaerobic digestion (AD) systems in Germany, New Zealand and Australia.

His work spans a wide range of both high-tech and low-tech AD systems, using diverse substrates – from manures and agro-industrial by-products to dedicated energy crops – and covers all supporting auxiliary processes related to AD.

The webinar will be held via Zoom. [Click here to register for the webinar](#)

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 Biogas Adviser. Contact the [Executive Officer](#) for more details.

Attendance is **FREE and open to the public**
courtesy of EECA.