



Canadian Bioenergy Association
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Squeezing revenue from every last drop of crop

When you talk about energy in the Western provinces it is usually prefaced with the word “big,” – Big Oil, Big Nuclear, or Big Coal. Yet, the Prairies are saturated with agricultural biomass, but we never hear talk about Big Biomass.

“Biomass development opens up all kinds of new markets for farmers to use agricultural residues that are left in the field, but industry needs to demonstrate the scale of the business opportunity,” says Doug Bradley, President and Executive Director of the Canadian Bioenergy Association (CANBIO).

This is the aim of CANBIO’s annual conference, tradeshow and study tour from October 20-22, 2009 in Edmonton, Alberta. Experts will share latest estimates of available biomass, and major technology companies will show examples of what they can do with it to develop a strong biomass economy.

Ontario Power Generation, that province’s major power provider, has to phase out all coal-fired generation by 2014. It plans to convert its coal power stations to burn biomass like wheat shorts, straw and corn by-products or woody biomass. Jane Todd, program manager for Northwestern Ontario and CANBIO Board Member, will talk about progress in plant conversion plans and opportunities for the agricultural industry.

Growing Western Canada’s triticale acreage and processing it in large bio-refineries is another big opportunity. The Canadian Triticale Biorefinery Initiative is an industry-government consortium, they will present their plans to shift Canada to a triticale-based energy economy by 2015.

Canada’s world leaders in 2nd generation biofuel technologies, including Nexterra, Enerkem and Dynamotive, will relate their progress in commercialization of non-food biomass to energy products.

Highmark Renewables will discuss its waste-to-biogas biorefinery system. Delegates can see it in action on the October 22 Study Tour to Highmark’s 24,000 kWh-per-day Anaerobic Digester – the biggest feedlot manure-to-energy system in the world. The tour also offers a sneak preview of what will be the world’s largest MSW-to-energy plant, [Enerkem's 36 million litre cellulosic ethanol facility](#) – a stellar example of how a community can turn its garbage into renewable energy and revenue.

A number of finance experts from Canada and the U.S. will show delegates how to strengthen their business plans and get the financing they need.

Finding solutions for communities to turn their biomass into a new economic model is what CANBIO does best. The conference gives delegates a chance to sign up for 20-minute one-on-one meetings and get expert advice from around the globe. Finnish bioenergy companies will anchor the trade show, including: Kesla, MHG Systems, Savonia Power, Tulikivi, Pentin Paja, Megakone and Gasek. Swedish companies like Cellwood, Neova and Innventia will join Canadian SME’s like Fink Machine and engineering consultancy FVB Energy. A few spots are still left at the conference, for Trade Show exhibitors and on the Study Tour – register now on the Canadian Bioenergy Association website www.canbio.ca.