


Advance Notification

BIOGAS CO-SUBSTRATES FOR THE FARM AND FOOD SECTORS WORKSHOP



Friday, March 12 2010
London Convention Centre
London, Ontario CANADA

Presented in conjunction with:

4th Annual
Growing
the Margins:

Green Energy and Economy
for the Farm and Food Sectors
Conference & Exhibition

www.gtmconference.ca

2nd Annual
Canadian Farm & Food
Biogas

Conference
and Exhibition

www.biogasconference.ca

Co-Substrates Mean More Energy

Almost all biogas systems currently operating or being constructed in Ontario are taking or plan to take off-farm source co-substrates. Fifty percent or more of potential energy generated by anaerobic digestion systems using off-farm organics is sourced from these co-substrates. In short, biogas systems need off-farm organics.

Can We Realize the Potential?

However, several issues need to be resolved in order to make the use of co-substrates viable. For instance, are there enough co-substrates available to fully supply existing and future biogas systems? Have the “low hanging fruit” already been picked and what’s left for the future? Will the quality and consistency of these co-substrates be good enough to support the continued expansion of biogas systems? Are rules for management of co-substrates fostering their safe and effective utilization?

These are the key issues that will be tabled and discussed by experts and all those attending the **Biogas Co-Substrates for the Farm and Food Sectors Workshop**.

Who should attend?

Both suppliers and users of biogas co-substrates should attend so as to learn more about this very effective option to manage organics. Most important, biogas system operators need to assure themselves of long-term access to this primary, energy-rich fuel source.

Regulators and researchers should attend because this evolving process offers many opportunities - - with regard to organics waste management and green energy production. They will be instrumental in realizing these opportunities, and likewise, helping to answer outstanding questions.

Participants from other provinces and from US states will be encouraged to attend in order to learn from others’ experiences.

The **Biogas Co-Substrates Workshop** is presented by Ontario Ministry of Agriculture, Food and Rural Affairs and Organic Resource Management Inc.

Preliminary Biogas Co-Substrates Workshop Agenda

- Overview of current situation: Ontario, North America and Europe
- Opportunities:
 - Types of material
 - Sources of material, competing uses, what's available?
 - Rating materials
 - Identifying new opportunities. (For instance, are there new materials such as airport de-icing fluid?)
- Best Practices:
 - Safety
 - Transportation and material handling
 - Monitoring, testing and quality control
 - Farmer perspective?
 - Determining value of material
 - Mixing and the recipe
- Legislation
 - Current Status - Ontario
 - What can be learned from other jurisdictions?
 - Are there opportunities that current legislation does not cover?
- What's next?

If you are interested in learning more about on-farm use of biogas co-substrates, join us at the Biogas Co-substrates for the Farm and Food Sectors Workshop, March 12, 2010 to be held in conjunction with the **Growing the Margins: Green Energy and Economy for the Farm and Food Sectors** and the **Canadian Farm and Food Biogas Conferences and Exhibition**, March 10-11th in London, Ontario.

Presented by:



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For information on this workshop, the Growing the Margins/ Canadian Farm and Food Biogas Conferences and Exhibition or to register, please visit:

www.gtmconference.ca

www.biogasconference.ca