

6<sup>th</sup> Annual  
**Growing**  
**the Margins:**  
 Rural Green Energy  
 Conference & Exhibition

4<sup>th</sup> Annual  
 Canadian Farm & Food  
**Biogas**  
 Conference  
 and Exhibition



**March 5-7, 2012 London Convention Centre, London, Ontario Canada**

The 6<sup>th</sup> Annual Growing the Margins: Rural Green Energy and 4<sup>th</sup> Annual Canadian Farm and Food Biogas Conferences and Exhibition continue to grow and push the envelope. As with past years, the 2012 GTM and Biogas conferences and exhibition will be of interest to livestock and field and horticulture crop farmers, greenhouse operators, technology and service providers, governments at all levels, utilities, the research community, financial institutions and all other stakeholders who are attracted by the social, economic and environmental rewards of expanding opportunities for the farm, food and rural sectors beyond traditional crop, meat and food production to becoming suppliers of energy and value-added new products.

**Note:** The focus in 2012 will be upon: solar energy; biomass, algae and biodiesel, and of course, biogas.

**HOW TO APPLY ONLINE**

All abstracts must be submitted online. It will be helpful to have your abstract (no more than 300 words) and brief biography in MS Word (or RTF) format so that you can cut and paste these into the appropriate sections. All information fields requested must be completed. Go to [www.gtmconference.ca](http://www.gtmconference.ca) or [www.biogasconference.ca](http://www.biogasconference.ca) and select 'Call for Abstracts' to complete the online submission.

**CONTENT**

Your abstract must clearly state the topics addressed or nature of your project. Briefly describe the manner in which the topic or project is addressed and describe the findings, conclusions or solutions to the issue. Authors are expected to identify the key learning objectives of their presentations.

**SELECTION PROCESS**

All abstracts are subject to a thorough review by the Program Committee. Selection criteria include relevance to the identified conference topics, and a preference for practical, working examples of solutions and for case studies. Oral presentations will be 25 minutes inclusive of questions.

Please submit your abstract online at:  
[www.gtmconference.ca](http://www.gtmconference.ca) or [www.biogasconference.ca](http://www.biogasconference.ca)

**NOTIFICATION**

Please note:

- All oral presentations will be presented in English during the two days of the conferences, March 5th-6th. (Other events, including the Technology Tours are planned for March 7th)
- You will be notified of the outcome of the review process by the end of November.
- Presenters are responsible for all personal expenses incurred and must register for the Conference. Registration is free for the day of your presentation. Should you wish to participate in the full Conference, please note that authors are expected to pay for the second day and any optional events.

**Note:** Preference will be given to oral presentations that address applied commercial and pre-commercial technologies, programs and solutions, how they were developed, their economics and benefits, and regulatory and other challenges. The conferences' objective is to provide project developers and other interested parties with information to determine feasibility and the opportunity to learn from experiences of others. Research presentations will focus on industry impacts and measures to further the technology.

The joint GTM and Biogas Exhibition provides technology, service and program providers the opportunity to show and talk about their offerings to all delegates during the course of the conferences.

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**Suggested Topic Areas**

**GROWING THE MARGINS: RURAL GREEN ENERGY TOPICS:**

**Solar in Farm & Rural Sectors**

**Operating Your Solar System**

- Installation
- Safety
- Fire prevention

**Rooftop Solar**

- Structural issues
- Case studies

**Rooftop and Ground-mounted  
 Solar Business Considerations**

- Leasing
- Taxation
- Insurance
- Other financial
- Cropping around ground-mounted
- Case studies

**Energy Yield and Storage**

- Inverters
- Modules
- Storage

**Solar Hot Water Systems**

- Feasibility
- Structural considerations

**Small Solar, Biomass & Wind Systems**

- Parallel interests
- Blended systems

**Biomass, Algae and Biodiesel**

**Conversion Technologies**

- Torrefaction
- Mobile pyrolysis
- Gasification
- Other

**Distance and Economics**

- Densification
- Pelletization

**Small Scale Technologies**

- Furnaces
- Boilers
- Case studies

**Regional Biomass Combustion**

- Case studies

**Algae Opportunities & Innovations**

**Bioproducts Value Chain**

- Processing enhancements

**Biodiesel**

- B2 Mandate - farm and rural implications

**CANADIAN FARM & FOOD BIOGAS TOPICS:**

**Managing the System**

- Digestate management
- Co-substrates use & source
- Grid access
- Dispatchability
- Odour and neighbours

**Existing Regulatory Framework**

**Greenhouse Gas**

- Measurement
- Markets

**Community Partnerships**

- Large scale systems
- Case studies

**Biogas Biology**

- Foaming
- Substrate overfeeding

**Land Use and Energy Crops**

**Engine Technologies**

**Looking to the Future**

- Regulatory changes
- Innovative technologies
- RNG and biomethane

**Food Industry and Biogas Systems**

- Life cycle impacts
- Water and energy use
- Carbon footprint
- Case studies

**CALL FOR ABSTRACTS**

For additional information and assistance, contact:

**First Stage Enterprises**

info@gtmconference.ca or (416) 426-7029

**DEADLINE FOR SUBMISSION: September 16, 2011**

See reverse for further details