



LAMBTON
college

The bridge to your future

SUSTAINABILITY AND THE SEMINAR SERIES

AGENDA

Introductions

Maike Luiken, Ph.D., Chair, IEEE London Section,
Dean, Applied Research, Business Development & Innovation,
Sustainability Development, Lambton College

Keynote: Andre Boucher - General Manager, St. Clair Ethanol Plant

THE BLENDING OF ETHANOL IN GASOLINE

Keynote: John Ward – Senior Engineer, DuPont

TRANSPORT BIO-FUELS OTHER THAN CORN BASED ETHANOL

Questions and Answers and General Discussion

Date: Tuesday, April 15th, 2008
Time: 5:30 p.m. – 6:30 p.m.
Location: Lambton College - 1457 London Road, Sarnia, Ontario, N7S 6K4
Room: N105
Cost: Free

Next Seminar Planned, to be confirmed for May 21st @ 5:00

<http://bluewatersustainabilityinitiative.ca> | <http://london.ieee.ca>





LAMBTON
college

The bridge to your future

<http://bluewatersustainabilityinitiative.ca> | <http://london.ieee.ca>

THE BLENDING OF ETHANOL IN GASOLINE

The ethanol process is broken down in discrete steps that demystify what is behind the plant walls. Discussion points after the slides will revolve around sustainability in the form of different uses for by-products as well as 'add-on' technologies to improve overall plant efficiency.

BIOGRAPHY

André Boucher joined Suncor in June 2005 to manage and prepare for the opening of the company's ethanol plant, which was then under construction in St. Clair Township, near Sarnia. The plant began production in July 2006, and is able to generate 200 million litres of ethanol per year from 20 million bushels of corn.

As General Manager of the plant, André puts to good use a drive to pursue sustainability through the use of renewable feedstocks and the efficient and frugal use of energy. His philosophy is that sustainability is the only sure road to success with the environment, stakeholders and economic viability and prosperity. Suncor's St. Clair Ethanol Plant is the perfect platform to put that philosophy into practice.

Born in Trois Rivières, Québec, André graduated from the University of New Brunswick with a degree in Chemical Engineering. After graduation, he joined Tembec, an integrated Canadian forest products company. André gained expertise in industrial processes in increasingly senior positions over a period of 23 years with Tembec.

TRANSPORT BIO-FUELS OTHER THAN CORN BASED ETHANOL

BIOGRAPHY

John Ward is the Senior Engineer, Polymer Coatings and New Business/ Technology development for sustainable/ renewable technologies (bio-fuels & bio- feedstocks, clean refinery solutions) at DuPont Canada. He leads plant capital projects; engineering support to Operations; Energy Team leader and Championed Product for automotive and pipecoating PE products.

Previously, John was also a Design Engineer; Proposals Engineer; Project Engineering Manager of Energy/ Power Industries at Sunoco, Lurgi, British Gas for 8 years. He works on renewable energy/ green power projects in Caribbean and Bangladesh.

As well, John was the Project Engineering Manager; Maintenance/ Systems Team Leader; Manager, Research & Development; Superintendent, Plant Engineering at **Polymer Production** (Elastomer) and petrochemical materials processing in Sarnia Ontario for 17 years.

