



IEEE London Section



The London Section of the Institute of Electrical and Electronics Engineers

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SUSTAINABILITY AND THE SEMINAR SERIES WIND ENERGY IN ONTARIO

Date: Tuesday, October 3, 2006
Time: 7:00 p.m.
Location: 1151 Richmond Street London, Ontario,
Spencer Engineering Building, Room 2094, UWO, London
Directions: www.uwo.ca/campusmaps
RSVP: a.husain@ieee.org
Cost: Free

AGENDA

6:30 p.m. Meet & greet

7:00 p.m. Introduction to Sustainability and the Seminar Series
Maïke Luiken, PhD, Chair, IEEE London Section,
Dean, School of Technology, Applied Science and
Apprenticeship and School of Fire Sciences, Lambton College

7:20 p.m. Invited Speaker: Wind Energy in Ontario
Doug Fyfe, General Manager,
Countryside Energy Co-operative Inc.

8:30 p.m. Questions and Answers and General Discussion





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PROGRAM INFORMATION

INTRODUCTION TO SUSTAINABILITY AND THE SEMINAR SERIES

Abstract: World population growth, environmental impact, energy usage, climate change and other changes have impact on the way we and future generations live conduct business earn a living, enjoy our past-times, to name a few.

This short introduction will discuss: Sustainability: What is it? Why do we care? What if we don't care?

Invited: Doug Fyfe

General Manager, Countryside Energy Co-operative Inc.

Abstract: Wind farms are gaining significant momentum in Ontario and – at the same time – generate a substantial debate on issues such as: appearance, noise, proximity to residential areas, environmental issues, financial viability, power grid connection concerns, to name a few. In this presentation wind generation and farms will be examined under the aspect of the development lifecycle, technical design, environmental footprint, socio-economic impact, among others, as well as the community windfarm concept.

In particular in following topics will be addressed:

- Current Deployment/plans: domestic and foreign
- Pros and cons of wind energy generation
- Classic windfarm project issues: development, design, construction, testing
- Impact analysis
- Technical challenges
- Community challenges
- Connection to the power grid
- Community windfarm – what is it and why ?

Biography: Doug Fyfe, General Manager, Countryside Energy Co-operative Inc.

A program and project manager of 25 years experience : as a road engineer for 5 years, Information Systems for 20 years with Life & Pensions companies in Europe and Canada, and 2 years professionally in the renewable energy (wind) industry. A strong interest in environmental initiatives for many years, now in an active role in the sustainable energy industry, and helping to get Canada into the top league of renewable energy generators in the world. Participated in the Ontario Sustainable Energy Association's (OSEA) proposal for Standard Offer Contract as requested by the Ontario government. A lead player in the development of Canada's first community wind-farm. Second term as a director of OSEA; Member of Lambton College's (Sarnia) Advisory Board for "Alternative Energy Engineering Technology" Program; Chair of the Milverton & District Medical Committee (6 years); Chair of Knollcrest Lodge long term care facility, Milverton (director for 5 years); Secretary of Milverton Lions Club (7 years). Arrived in Canada in 1997 with wife, Shannan, Canadian citizens since April 2003, and living in the rural village of Milverton in Perth County, Ontario.

Biography: Maike Luiken, Chair, IEEE London Section, Senior Member, IEEE,
Dean, School of Technology, Applied Science and Apprenticeship and School of Fire Sciences

Dr. Maike Luiken joint Lambton College in 2005 as Dean, School of Technology, Applied Science and Apprenticeship, School of Fire Sciences. Her background includes a doctorate in Physics from the University in Waterloo and a Staatsexamen in Physics and Mathematics from the Technical University in Braunschweig, Germany. She has over 25 years of professional experience: in teaching and research, community and network building, and in linking industry partners, government agencies and researchers. Prior to her move to Lambton College Maike held the position of Vice-President Research Alliances for the National Capital Institute of Telecommunications (NCIT) in Ottawa. Maike spent the majority of her career with Algonquin College as a professor, a project leader, the Director of the Telecommunications Centre, and the Acting Chair of the Electronics Department. She has worked in the public and private sectors in Canada, USA (Tufts University), and Germany.

She is a founder of the Ottawa Photonics Research Alliance (OPRA), and the Ottawa Wireless Research Alliance (OWRA). Maike is a member of the Board of Directors for UVS Canada and for SOBIN.

Over the past 40 years, Lambton College, one of the jewels in the southwestern Ontario community of Sarnia, has earned an international reputation as a highly specialized institution. Small class sizes and the opportunity for tailored programs combined with state-of-the-art facilities are the basis for an enviable track record of success.