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SUSTAINABILITY AND THE SEMINAR SERIES

Leadership in Energy and Environmental Design (LEED)

Date: Tuesday, December 9th, 2008
Time: 5:30 p.m. – 6:30 p.m.
Location: Lambton College - 1457 London Road, Sarnia, Ontario, N7S 6K4
Room: N105
Cost: Free

AGENDA

Introductions

Maike Luiken, Ph.D.

Dean, Applied Research, Business Development & Innovation, Sustainable Development, Lambton College

Chair, IEEE London Section

Keynote:

[Leadership in Energy and Environmental Design \(LEED\)](#)

Keynote Speaker:

[David Lavender, B.Arch, OAA, LEED AP](#)

Questions and Answers and General Discussion

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Leadership in Energy and Environmental Design (LEED)

This presentation will provide an exploration of this certification methodology by providing answers to the following questions:

- **What is the purpose of LEED?**
- **When did LEED start?**
- **Where did LEED come from?**
- **Why do we need LEED?**
- **How does LEED work?**

The USGBC and its national partner organizations register, certify buildings. Certification, Silver, Gold, and Platinum awards certifications can be achieved by submitting a formal set of documentation describing the design, construction, and measurement of building performance to obtain points for sustainable features. A building can achieve points depending on its unique location and building design program.

Since LEED is less than ten years old, the building creation process using the standard is still evolving to more closely integrate the work of design consultants, manufacturers, and trades from the beginning to the end of the process. This is currently referred to as the Integrated Design Process.

LEED standard variants now exist for New Construction and Major Renovation, Core and Shell Buildings, Existing Buildings, Commercial Interiors, Schools, Retail, Health Care, New Homes. Neighbourhood Development standards will be released soon. Many levels of governments and major commercial organizations are adopting LEED standards for buildings under their jurisdiction.

BIOGRAPHY

David Lavender, B.Arch, OAA, LEED AP - His academic career began with a Diploma in Architectural Technology and Board of Governors Medal for Academic and Leadership from St. Clair College of Applied Arts and Technology in 1977, followed by a Bachelor of Science – Architecture (cum laude) from Lawrence Institute of Technology in 1984, and currently concludes with a professional Bachelor of Architecture degree from the University of Detroit in 1986. During these periods, he combined educational endeavours with employment activities in the machine tool industry and later the test and balance of HVAC systems. The result has been a pragmatic approach to architectural design issues.

Since the Energy Crisis of the 1970's, David has had a continuing interest in sustainable design has led to the current membership of his firm, David Lavender Architect, with the Canada Green Building Council, and Energy Star Partner in the US. David is also a member of Bluewater Sustainability Initiative and is a LEED Accredited Professional.