



Institution of Engineering and Technology

IET Ottawa

November 2007 Newsletter

Web Site: www.iee-ottawa.org

Network email address: ottawa@iee.org

Secretary: Hudson Egbert,

2007 Annual Dinner:

Sustainability within a Generation – an Ontario Perspective

Phil McNeely, MPP Ottawa-Orléans

The Britannia Yacht Club, 2777 Cassels Street, Ottawa

Thursday 22 Nov. 2007, 6:30 for – 7:00 pm

Phil McNeely will share his vision for moving Ontario towards a prosperous, just, and sustainable province - all within one generation. Having read and been inspired by David Suzuki's latest publication entitled Sustainability within a Generation, Mr. McNeely will discuss policy shifts and low cost initiatives and that can make Ontario a leader in sustainability by 2030.

Phil McNeely was elected to the Ontario legislature in 2003 and re-elected in 2007. Mr. McNeely has served as the Parliamentary Assistant to the Minister of Transportation and now to the Minister of Public Infrastructure Renewal. He began his career in politics as a member of the Ottawa City Council, representing one of Canada's fastest-growing communities. He supported residents concerned with the pollution threats of factory farming, paved the way for the national farmer relief program known as Hay West and helped to bring an arts facility to the area. He has demonstrated his ability to work with colleagues and other levels of government to make things happen.

Mr. McNeely fought for his constituents on tough issues such as the Petrie Island Beach, an inner ring road for Ottawa versus an outer ring road and fair hydro prices for all residents. He also succeeded in securing \$45 million to fix the 417/174 'split', passed the McNeely Amendment to ban retail tobacco powerwall advertising to reduce youth smoking and has been a strong voice for environmental concerns. Before entering politics, he was the owner and CEO of a successful engineering firm, McNeely Engineering. In this capacity he worked closely with municipal councils and government agencies to consult with citizens on numerous projects.

Mr. McNeely is fluently bilingual and is a professional engineer. Born in Cumberland, he attended Lisgar Collegiate and graduated from McGill University with a Bachelor of Engineering degree. He earned the equivalent of a master's degree in engineering from the Imperial College of Science, Technology and Medicine in London, England. Mr. McNeely and his wife, Anna Marie, live in Ottawa-Orléans. They have three sons and a grandson.

Dinner tickets are \$25.00 each, guests welcome. Tickets should be reserved and will be available until Tuesday 19th November. Dinner includes wine, soup, salad, roast beef, dessert & coffee, vegetarian palates will also be accommodated at the same cost of \$25, advanced notification also required.

Contact David Farmer ph. 613 832 2611, email: dfarmer@cyberus.ca.

How to get there:

From the East: Proceed along Carling Avenue or Richmond Road to the point at which they meet. Take the first right on Carling. Ave after the junction onto Britannia Road. Proceed north to Cassels Street. Turn left and carry on until you reach the Britannia Yacht Club entrance.

From the West: Take Pinecrest Road, Richmond Road or Carling Avenue to the junction of Richmond Road and Carling Avenue. Proceed on to Richmond Road and turn left on to Poulin, just before Britannia Plaza and continue north to Howe and then turn right on to Britannia Road.

Report From The Chair

I would like to invite all members and their guests to attend the Annual Dinner at The Britannia Yacht Club on 22nd November.

This year's dinner will mark the 40th anniversary of the IET Ottawa Network (which for most of that time was known as the "IEE Ottawa Branch").

The food at the Annual Dinner is always excellent (last year we had Yorkshire puddings with the roast beef). There is

plenty of wine on the table and if you fancy a pint, there's always the bar.

After dinner there is a speaker who is always entertaining and informative. In recent years we've heard from a sailor on the Matthew as it retraced its epic voyage from Bristol, England to St. Johns, Newfoundland. We've been impressed by Canada's role in Space and we've learned about Norway's exploration of Canada's North in 1902. We've been

enthralled by a local man who takes school students to the Antarctic for the learning experience of a lifetime and we've even endured the hiss, crackle and pop from an old 78 rpm record, only to then be amazed at the clarity of the music once it has been cleaned up and transferred to CD.

I do hope you can attend this year's dinner.

In the next week or so please expect a telephone call from a committee member. He'll be asking if you are indeed attending the dinner. He'll also be interested to learn if you

are receiving this newsletter on a regular basis and if you have any suggestions for improvements to the services provided by the IET Ottawa Network.

Bon Appetit.

Martyn Delbridge
Chair
IET Ottawa Network

December Technical Meeting:

“What happened to Electric Cars?”

Darryl McMahon

Courtside B Room, RA Centre, 2451 Riverside Drive

Tuesday 4th of December, 2007, 5:30 pm for vehicle display – 6:30 pm for registration

Darryl McMahon is a Member of both the Electric Vehicle Council of Ottawa and the Electric Mobility Council of Canada. He is Co-historian of the Electric Auto Association and is a Founding Member of the Electric Vehicle Association of Canada. He has given many talks on EV development and has written a recent book "The Emperor's New Hydrogen Economy". He has owned too many Electric Vehicles to remember; he currently drives an electric Porsche.

Sponsored by IET Ottawa Centre with support and publicity from IEEE Vehicular Technology Society - Ottawa Chapter and the Electric Vehicle Council of Ottawa.

The presentation is open to all. Please reserve (state if dinner is required) by contacting Hugh Reekie max-com@allstream.net or phone 613-728-5343.

5.30 pm Electric vehicles on display - by the RA Centre East entrance

6 pm - Information table open

6.30pm - Registration

6.40pm - Introduction

6.45pm - Darryl McMahon of EVC Ottawa - A historical review

7.15 pm – Presentation - Movie "Who Killed the Electric Car?"

8.45pm - Darryl McMahon – EV and hydrogen vehicle trends

9.45pm - Wrap up and Close

Pre registration suggested - Hugh Reekie 613-728-5343

or max-com@allstream.net

Please register by 27 Nov, 2007

Informal light meal & drinks available from 6.15pm

No charge for pre registrants; \$10 at the door for walk-ins and \$5 at the door for student and retiree walk-ins

Park in the East lot of the RA Centre and enter by the corner door.

How to get there:

The RA Centre is located near Bronson and Riverside Drive.

Report on the the North American Forum, Boston, September 7 – 9, 2007

prepared by John Vines

The IET North American Forum started at 6:00 pm on Friday 7th September and finished at 11:00 am on Sunday 9th September. All the North American Networks were represented together with several International Professional Registration Advisors. IET CEO and Secretary, Robin McGill and Lisa Miles attended from London and Colin Billowes, Martyn Delbridge and John Vines from Ottawa.

Robin McGill shared his vision of the IET and the direction that the Institution is taking. It is the Knowledge Network and different from the Institutions of the past. It is global and aims to

grow globally with China, India, and North America as the key markets.

There were lively discussions and action plans put in place to resolve some of the issues that came up. Other items would have to wait till the IET's Strategic Study is completed. North American Networks, would provide input to the Study prior to its start.

A full report of the Forum may be found at <http://www.solutionsmall.com/07NAForum/index.htm>.

Report on the October 11, 2007 Technical Meeting:

“Renewable Hydrogen - How to put Ottawa on the World Energy Map?”

prepared by John Vines

Dr. Daniel Aklil, MD of the Pure Energy Centre based in the Shetland Isles, spoke about how the development of hydrogen technologies on the very small island of Unst in the Shetlands created many employment opportunities that helped put the island on the world energy map.

Promoting Unst Renewable Energy (PURE) is a pilot project that will demonstrate how wind power and hydrogen technology can be combined to provide five business units with heating and electrical supply in a remote rural industrial estate, while the grid is used as backup.

Dr Aklil described the history of the PURE, the present and its future. He also noted that the key to getting an energy

development project under way is first to get the local community to understand that there are alternative cheaper sources of energy, then encourage the community to be the major stakeholders in the development and then have the community taking part in all aspects of the development to the extent possible. This was an interesting and thought provoking presentation

For more technical information on Dr Aklil's work please refer to: www.hydrogenassociation.org/newsletter/ad93sref.asp and associated links.

The 2007/2008 Ottawa Network Committee consists of:

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YOUR EMAIL ADDRESS

For some time we have been sending notices to members by Email. This is to save the cost of paper and postage, but also provide updates and reminders that you would not receive in time from Canada Post. You are receiving this paper copy of the newsletter because we do not have your Email address. If you wish to receive notices and newsletters by Email, please send your Email address to jvines@iee.org

Note: If you change your home address, telephone number or Email address, please inform the IET in London. The change may be made by letter or sending an Email to membership@theiet.org, or by entering the change directly via the IET WEB page. Notification to jvines@iee.org will also help locally.