

Quality Urban Energy Systems of Tomorrow

# QUEST IV

Westin Nova Scotian | Halifax | October 12th - 14th, 2010

## Accelerating Integrated Community Energy Solutions (ICES) Adoption - Navigating the Path Forward

QUEST IV - Accelerating Integrated Community Energy Solutions - Navigating the Path Forward - will tackle the substantial challenges to the advancement of Integrated Community Energy Solutions (ICES) in Canada. Featuring an interactive dialogue between expert panelists and the audience the 2010 event will address: mobilizing private capital; the capacity gap; and policy options necessary for the adoption of the community energy model in Canada.

The results and the insights from the QUEST research study on the potential energy savings and the environmental benefits associated with ICES will be highlighted. Success stories from Canada will be showcased to broaden our understanding of what can be accomplished in small to medium sized communities.

We look forward to seeing you in Halifax October 12-14 for what promises to be an informative and stimulating forum as we navigate the path forward to ICES adoption - the new business as usual - in Canadian communities.

For more information contact: [tleach@questcanada.org](mailto:tleach@questcanada.org) or visit: [www.questcanada.org](http://www.questcanada.org)

[Click Here for Registration & Hotel Details](#)

or dial 1 877 993-7846 to reserve your accommodations and indicate that you are with the QUEST IV group



## Preliminary Program

### Tuesday, October 12, 2010

6:00 – 7:30 pm **Welcome Reception**

### Wednesday, October 13, 2010

7:30 – 8:30 am **Breakfast**

8:30 – 9:00 am **Welcome and Opening Remarks**

*The Honourable Darrell Dexter, Premier of Nova Scotia*

9:00 – 10:00 am **QUEST Update**

QUEST has made significant inroads on advancing the public policy, addressing knowledge gaps, connecting people and accelerating momentum at the national and provincial level over the past year. This discussion will highlight the achievements of the QUEST coalition and spur a discussion on the critical path forward.

*Moderator:*

*Ken Ogilvie, Environmental Policy Consultant*

*Speakers:*

*Julia McNally, Ontario Power Authority*

*Victoria Smith, Manager, Aboriginal & Sustainable Communities Sector, BC Hydro*

*Paul Wamback, Consultant, QUEST Nova Scotia*

10:00 – 10:30 am **Break**

10:30 – 12:30 pm **Stakeholder Update**

An integrated approach to land-use, energy, transport, water and waste at the community level requires the involvement and coordination of many stakeholders. This discussion will highlight the advancements the federal, municipal, building, energy and regulatory sectors have made on integrated community energy solutions, the synergies between the work and how the sectors are contributing to the overall uptake of integration.

*Moderator:*

*Shahrazad Rahbar, Senior Vice President, Canadian Gas Association*

*Speakers:*

*Onno Kremers, Director of National Programs, Federation of Canadian Municipalities*

*David Foster, Director of Environmental Affairs, Canadian Home Builders Association*

*Kevin Lee, Director, Housing Division, Office of Energy Efficiency, Natural Resources Canada*

*Peter Gurnham, Chair, Nova Scotia Utility & Review Board*

12:30 – 1:30 pm **Lunch**

Sponsored by Clayton Developments

1:30 – 2:15 pm

**Potential Energy Savings and Associated Environmental Benefits of ICES**

1:30 – 1:40 pm Introduction to QUEST Potential Study

*Shahrazad Rahbar, Senior Vice President, Canadian Gas Association*

1:40 – 2:15 pm Key Study Findings

*Chris Bataille, Director, MK Jaccard and Associates Inc.*

2:15 – 3:30 pm

**Accelerating ICES adoption: Hard Policy Options Discussion**

The QUEST study results provide the first estimates of the potential benefits, in terms of energy savings, reduced greenhouse gas emissions and economic activity resulting from a suite of hard policies aimed at influencing land-use, transportation, housing, and energy outcomes, as well as broad macroeconomic policy.

This discussion will highlight the hard policy options included in the potential study, such as regulatory tools, official plans, standards and codes, the impact of these policies among stakeholder groups and the implications, practicality and plausibility of implementation. Where possible, the discussion will identify other policies that could be considered in future analyses.

*Moderator:*

*TBC*

*Speakers:*

*Michael Cleland, Nexen Executive in Residence, Canada West Foundation*

*J. Michael Hanusiak, Senior Vice President & General Manager, Clayton Developments Limited*

*Bob Oliver, Executive Director, Pollution Probe*

*Gordon Kaiser, Former Vice Chair, Ontario Energy Board*

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3:30 – 4:00 pm **Break**

4:00 – 5:00 pm

### Gaining Public Acceptance to ICES - Soft Policy Changes

The QUEST potential study suggests that reductions in energy intensities of our communities is possible through increases in residential and commercial densities, development of mass transit systems and other accelerated changes to community design. But how accepting and willing are Canadians to these new community designs and new ways of living?

This discussion will focus on the social implications of changing community design and what it will mean for commuters, business owners, and others in the community. What can be done to gain awareness, gain acceptance and build a consumer desire for the benefits of mixed-use, higher density living?

*Moderator:*

*Richard Lazslo, Energy Program Manager, Pollution Probe*

*Speakers:*

*Michael Harcourt, Chairman, Quality Urban Energy Systems of Tomorrow (QUEST)*

*Brad Graham, 2010 Ontario Fellow at the School of Public Policy & Governance, Assistant Deputy Minister of the Ontario Growth Secretariat, with the Ministry of Energy and Infrastructure*

*Sarah Robertson, Senior Research Associate, Environics Research Group*

5:00 – 5:15 pm **Wrap-up**

6:00 – 9:30 pm **Networking Dinner**

## Thursday, October 14, 2010

7:30 – 8:30 am **Breakfast**

8:30 – 10:00 am

### Early ICES Success Stories

Capitalize on the cross-cutting opportunities and synergies available at the community level by integrating physical components from multiple sectors, including energy supply and distribution; transportation; housing and buildings; industry; water, waste management and other local community services; and land use and community form.

The ICES vision is that within 40 years all new development and redevelopment will incorporate these multiple sector integrations as a matter of practice. Examples of current day ICES activity can be used as “lessons learned and best practices” for other communities to consider as they explore opportunities to use energy in a more effective manner.

This session will explore the experiences of communities as they moved forward with implementing an ICES project.

*Moderator:*

*Devin Causley, PCP Senior Program Officer, FCM, GMF*

*Speaker:*

*Pam Thibault, Municipality of Claire, Nova Scotia*

*John Robinson, Executive Director, UBC Vancouver Sustainability, University of British Columbia*

*Michel Losier, Director of the Atlantic Power Initiative, New Brunswick Power*

10:00 – 10:30 pm **Break**

10:30 – 12:00 pm

### Mobilizing Private Capital

Integrated community energy systems can become a key solution to respond to the energy and environmental challenges faced by Canada.

A significant amount of investment will be needed in the next decades to accelerate the development of these systems. For communities and other to be able to take advantage of the cross-cutting opportunities and synergies that are presented it is critical to mobilize private capital and engage players from the financing, development and energy industry. The proper regulatory

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framework has also to be put in place to ensure consumer protection and facilitate the necessary private sector investment.

This session will explore the conditions necessary to attract private capital and the priority actions that should be initiated to accelerate the process.

**Moderator:**

*Arunas Pleckaitis, Vice President, Business Development and Customer Strategy, Enbridge Gas Distribution*

**Speakers:**

*Larisa Dobriansky, Director, Global Energy Network, U.S.A.*

*J. Michael Hanusiak, Senior Vice President & General Manager, Clayton Developments Limited*

*William Tharp, Quantum Leap Asset Management Ltd.*

12:00 – 1:00 pm **Lunch**

1:00 – 2:30 pm

### Understanding and Addressing Capacity

Integrated Community Energy Solutions offer the potential to significantly improve the energy performance of Canadian communities. However realizing this potential requires an understanding of the capacity that will be needed and an identification of the gaps that exist. From there, priorities can be identified to focus and coordinate our efforts.

The Council of Energy Ministers ICES Roadmap (September 2009) identifies Capacity Building as an important element necessary for accelerating the uptake of ICES. For its part, the House of Commons Standing Committee on Natural Resources in its ICES report (June 2009), recommended that federal, provincial and territorial governments work together to address the issue of labour shortages. In its Response, the Government acknowledged the need to ensure the development and training of a skilled labour force. Many others, including QUEST, have pointed to the need to understand and address capacity.

This session will bring together a number of practitioners and policy makers to discuss both the capacity that needs to be developed and the tools (e.g., training and certifications programs, guidelines, decision support tools) that will be required to move ICES forward.

**Moderator:**

*TBC*

**Speakers:**

*Denis Tanguay, President and CEO, Canadian GeoExchange Coalition*

*Kevin Lee, Director, Housing Division, OEE, NRCan*

*Grant Trump, President and CEO, ECO Canada*

2:30 – 3:15 pm

### What next

### Wrap-up Summary and Closing Remarks

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