



Energy Council of Canada  
Conseil canadien de l'énergie

## 2017 Canadian Energy Industry – Updates and Insights *Reducing Emissions from Energy Use: Policies, New Initiatives, What's Needed*

February 6, 2017, Westin Hotel, Ottawa

1:15 PM to 5:15 PM

Updates and Insights

5:15 PM to 7:00 PM

Reception

The Energy Council's annual **Canadian Energy Industry: Updates and Insights** event provides the Ottawa energy community with the latest information and insights on energy developments across Canada. Bringing people with interests in energy together to hear and meet leaders from Canada's energy sector is one of the Energy Council's principal objectives for this annual event.

The first *Updates and Insights* event in February 2015 presented the latest developments, trends, and issues across the entire "energy value chain". In addition, sessions covered opportunities for partnerships with Canada's First Nations and human resource requirements and critically-needed skills. A total of 151 participants from 102 separate organizations, including senior-level representatives from 30 countries were in attendance. The Honourable Kevin Lynch closed the program with his insights on emerging energy trends and their significance for Canada.

The *2016 Updates and Insights* event focused on the supply segments of Canada's energy system: energy supply, transportation and transmission, energy storage, human resources, and issues related thereto. The event attracted 173 participants from 102 separate organizations. A highlight was the strong representation by the Ottawa diplomatic community. Representatives of 51 countries attended including 15 Ambassadors or High Commissioners. The Energy Council's 2016 Canadian Energy Person of the Year, Mr. Michael Cleland, offered his insights to close the program.

The **2017 Updates and Insights event** on February 6, 2017 will examine the theme **Reducing Emissions from Energy Use: Policies, New Initiatives, What's Needed**. The use of energy in the transportation, buildings, industrial and agricultural sectors accounts for over 50% of Canada's GHG emissions (55%), significantly more than the share of emissions from the upstream oil and gas and electricity sectors combined (37%). Finding ways to reduce GHG emissions from the use of energy in these sectors and from the use of energy commodities used as feedstocks in the petrochemical sector and in manufacturing processes is of central importance to climate policy making.

In spite of the essential role of GHG mitigation from end-use applications, their role is often under-represented in discussions of climate change policy. This event aims to profile the role that the major end-use sectors will play in GHG mitigation, and what policy configuration will be most effective in making this happen.

The venue is the Westin Ottawa. The program from 1:15 PM to 5:15 PM will be followed by a reception from 5:15 PM to 7:00 PM which will be an excellent opportunity for networking by all attendees, members of the diplomatic community and Parliamentarians.

Further details on the program and reception event are provided below.

Bryan Kneller  
Chair, Program Committee, Energy Council of Canada  
Senior Vice President, Ledcor Contractors Ltd.

Graham Campbell  
President,  
Energy Council of Canada

### Highlights from Energy Efficiency Research University of Waterloo

The Energy Council of Canada provides financial support for leading-edge energy policy research undertaken by Ph. D. candidates in the Energy Council Fellows program at the University of Waterloo's Institute for Sustainable Energy (WISE).

Attendees will have an opportunity to learn more about the ongoing research projects and meet three Energy Council Fellows during the networking break and reception.

- *Methodology for improving the net environmental impacts of new buildings through product recovery management* **Benjamin Sanchez** (PhD)
- *Engaging Residential Consumers Using Smart Grid Tools*, **Bronwyn Lazowski**, (PhD)
- *Applying social theories to conservation initiatives*, **Stephanie Whitney** (PhD)

Information will be provided on how to access the available published material.

1:15 – 1:20	Welcome to all, Introduction of Honoured Guests, Ambassadors and High Commissioners Introduction to <i>2017 Updates and Insights</i> Program <b>Graham Campbell President, Energy Council of Canada</b>	
1:20 – 1:35	<b>Federal Perspectives</b> Energy End-Use and Climate Change Policy <b>The Honourable James Carr, Minister, Natural Resources Canada</b>	
1:35 – 2:20	<b>Transportation Sector</b> (Auto, Rail, Fuels) <b><i>A time for action: how transportation can reduce GHG emissions</i></b> <ul style="list-style-type: none"> <li>• Progress on GHG reductions to date</li> <li>• Pathways – fuel efficiency, biofuels, electrification</li> <li>• Policy initiatives and needs</li> </ul>	<b>Session Chair:</b> <b>Michael Bourque</b> President and CEO, Railway Association of Canada <b>Panelists:</b> <ul style="list-style-type: none"> <li>• <b>Peter Boag</b>, President and CEO, Canadian Fuels Association</li> <li>• <b>Chantal Guimont</b>, President and CEO, Electric Mobility Canada</li> <li>• <b>Ruth Talbot</b>, Deputy Director, Transportation and Alternative Fuels Division, Office of Energy Efficiency, Natural Resources Canada</li> </ul>
2:20 – 3:15	<b>Industrial Sectors</b> <b><i>Maintain Canada's Industrial Vitality While Meeting Global Climate Change Objectives</i></b> <ul style="list-style-type: none"> <li>• Role of industrial sectors – economic, GHG budget, trends</li> <li>• Pathways – continued energy efficiency improvements, GHG mitigation, process changes, electrification, fuel switching</li> <li>• Policy initiatives and needs</li> </ul>	<b>Session Chair:</b> <b>Andy Mahut</b> Chair, Canadian Industry Program for Energy Conservation <b>Panelists:</b> <ul style="list-style-type: none"> <li>• <b>Joseph Galimberti</b>, President, Canadian Steel Producers Association</li> <li>• <b>Sarah Stinson</b>, Director, Industry Division, Office of Energy Efficiency, Natural Resources Canada</li> <li>• <b>Rob Cumming</b>, Environment and Public Affairs Manager, Lafarge Canada Inc.</li> <li>• <b>Brendan Marshall</b>, Vice-President, Economic and Northern Affairs, Mining Association of Canada</li> </ul>
3:15	<b>Networking Break</b>	
3:30 – 4:00	<b>Energy Feedstocks</b> (petrochemicals, manufacturing, industrial gas users) <ul style="list-style-type: none"> <li>• Progress to date on reducing GHGs</li> <li>• Pathways – enhanced chemical and industrial processes</li> <li>• Policy initiatives and needs</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Bob Masterson</b>, President &amp; CEO, Chemistry Industry Association of Canada</li> <li>• <b>Shahrazad Rahbar</b>, President, Industrial Gas Users Association</li> </ul>
4:00 – 4:45	<b>Buildings Sector</b> (commercial, communities, regulation) <b><i>Building Sector Perspectives on Achieving 30% GHG Reduction by 2030</i></b> <ul style="list-style-type: none"> <li>• Progress to date on reducing GHGs</li> <li>• Pathways – improved HVAC, Zero-Net Buildings, Lighting, Passive energy</li> <li>• Policy initiatives and needs</li> </ul>	<b>Session Chair:</b> <b>Lance Jefferies</b> Chief Electricity Distribution Officer, Hydro Ottawa <b>Panelists:</b> <ul style="list-style-type: none"> <li>• <b>Thomas Mueller</b>, President and CEO, Canadian Green Buildings Council</li> <li>• <b>Brent Gilmour</b>, Executive Director, Quality Urban Energy Systems of Tomorrow</li> <li>• <b>David Collie</b>, President and CEO, Electrical Safety Authority</li> </ul>
4:45 – 4:55	<b>Energy Efficiency Research – University of Waterloo</b> <b>Dr. Jatin Nathwani</b> Professor, Ontario Research Chair in Public Policy for Sustainable Energy, Executive Director of the Waterloo Institute for Sustainable Energy (WISE)	
4:55 – 5:10	<b>Keynote Presentation - Insights</b> Personal thoughts, reflections on policies to optimize the role of energy end-use in climate policy <b>Elyse Allan, President and CEO, GE Canada</b>	
5:10 - 5:15	<b>Closing remarks, Upcoming Energy Council Events, Invitation to Reception</b> <b>Colin Andersen, Chair, Energy Council of Canada</b>	
5:15 - 7:00	<b>Reception</b> <b>Attendees and Parliamentarians</b>	