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# C.O.R.E. CONFERENCE 2022

Transitioning to Net Zero

September 28 | Pier 21, Halifax NS



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|------------------|--|
| 7:30am           | Registration opens & Breakfast Buffet  |
| 8:30am – 9:00am  | <b>Welcome &amp; Opening Remarks</b> <ul style="list-style-type: none"><li>• Minister Tory Rushton, Nova Scotia Department of Natural Resources &amp; Renewables</li><li>• His Worship, Mayor Michael Savage</li></ul>   |
| 9:00am – 9:45am  | <b>Keynote: Canada’s Net Zero Advisory Body: What strategies are being developed and how industry can play its part</b> <ul style="list-style-type: none"><li>• A fireside chat featuring Gaëtan Thomas, an independent expert of Canada’s Net Zero Advisory Board and CEO of the Conseil Économique du Nouveau-Brunswick, and Net Zero Atlantic’s Executive Director, Alisdair McLean. The discussion will include inputs on the strategy Canada must play in achieving net zero by 2050, and how industry can play a part in enabling these strategies to come to fruition to encourage and achieve Canada’s net zero emissions goals.</li></ul> |
| 9:45am – 10:30am | <b>Session 1: Building a Net Zero Oil &amp; Gas Industry</b> <ul style="list-style-type: none"><li>• Within the context of growing demand for energy globally and the environment crisis the world faces with climate change, is it possible to build a net zero oil and gas industry? How can Atlantic Canada’s oil and gas industry be part of helping Canada achieve net zero by 2050? During this session, hear from oil and gas industry experts on what the sector is doing to reduce its GHG footprint and be part of this climate solution.</li></ul>  |

Moderator: Michelle Robichaud, Atlantica Centre for Energy  
Speaker 1: Jennifer Matthews, Canadian Association of Petroleum Producers  
Speaker 2: Alex Collins, Equinor  
Speaker 3: Wendell Klassen, TC Energy

10:30am – 11:00am Networking Break & Exhibition

11:00am – 11:45am **Session 2: Indigenous Participation in Energy Projects: Driving Social and Economic Collaborations on the Path to Net Zero**

- Globally, collaboration in energy projects is playing an increasingly active role with indigenous communities. In this arm chair chat, we will explore and find new ways of engaging indigenous participation in energy ventures to push further and faster towards indigenous inclusion in the energy economy through collaborative partnerships.

Moderator: Austen Hughes, Natural Forces  
Speaker 1: Chief Terrance Paul, Membertou Development Corporation  
Speaker 2: Tanna Pirie-Wilson, Workforce Warriors, Nekutkuk Maliseet Nation  
Speaker 3: Ryan Dunbar, SOAR Professional Services

11:45am – 12:30pm **Session 3: Energy & Climate Modelling for a Resilient Future**

- We will introduce concepts to support those who are interested in using future-informed energy and climate models. This session addresses design strategies to respond to energy and climate change challenges and how incorporating energy models can help grow your business.

Moderator: Louis Beaumier, Institut de l'énergie Trottier  
Speaker 1: Cameron Wade, Sutubra Research  
Speaker 2: Wayne Groszko, Dalhousie University  
Speaker 3: David Miller, Nova Scotia Department of Natural Resources & Renewables

12:30pm – 1:45pm **Networking Lunch & Keynote**

- On August 17<sup>th</sup>, the Nova Scotia Procurement Administrator announced the successful projects chosen through an independent, objective and open procurement process. The portfolio is comprised of 5 projects, totaling 372 megawatts. Join the successful proponents as they discuss the supply chain opportunities stemming from these projects.

Moderator: Austen Hughes, Natural Forces  
Speaker 1: Rory Cantwell, SWEB  
Speaker 2: Michael Peters, Glooscap Energy  
Speaker 3: Andrea Garcia, Potentia Renewables

1:45pm – 2:30pm      **Session 4: Energy & Grid Security**

- Over the last year there have been several high profile cyberattacks in Atlantic Canada. How do we ensure that our grids continue to provide reliable and stable electricity supply safe from cyber terrorism? Hear from industry experts on what we're doing right and where we could improve the security of our grids.

Moderator: Karen White, National Public Relations  
Speaker 1: Dr. Srin Sampalli, Dalhousie University  
Speaker 2: Jon Legorburu, Dalhousie University

2:30pm – 3:15pm      **Session 5: Regional Perspectives on H2 usage to reduce GHG emissions**

- This panel will discuss not only the ability of hydrogen to reduce emissions locally but also the process for developing a hydrogen project in the region. What are opportunities and benefits but also what are some of the pitfalls to be mindful of?

Moderator: Mohammed Ali Raza, Cox & Palmer  
Speaker 1: Nathan Ashcroft, Stantec Consulting  
Speaker 2: Derek Estabrook, Eastward Energy  
Speaker 3: Andy Carson, Irving Oil

3:15pm – 3:45pm      Networking Break

3:45pm – 4:30pm      **Session 6: Where's the balance? Discovering a wind solution for Atlantic Canada**

- Wind energy leaders will share their perspectives on the challenges and opportunities of wind procurement, business opportunities and what's coming for onshore and offshore wind.

Moderator: Christine Bonnell Eisnor, Canada Nova Scotia Offshore Petroleum Board  
Speaker 1: John Dalton, Power Advisory LLC  
Speaker 2: Lukas Swan, Dalhousie University  
Speaker 3: Keith Towse, Simply Blue Group

4:30pm – 5:15pm

**Session 7: Keeping warm and staying cool in a net zero society**

- One of the biggest challenges to reaching net zero in Atlantic Canada is the need to transform energy systems for heating and cooling. Analysis suggests that this will be hugely challenging, involving a range of solutions across different regions, building types and end users. Now is the time for new thinking around how to shape markets, share costs, harness capabilities and reconcile regional priorities to deliver zero carbon energy for buildings.

Moderator: Lara Ryan, Lara Ryan Consulting

Speaker 1: Shannon Miedema, City of Halifax

Speaker 2: Valentine Gomez, Gomex Engineering

Speaker 3: Chuck Faulkner, Efficiency One

7:00 pm – 9:00 pm    **C.O.R.E. Conference Closing Dinner**

We are pleased to announce that the C.O.R.E. Conference dinner will include a panel discussion with members of the Nova Scotia Power executive team including Peter Gregg, President & CEO, Mark Sidebottom, Chief Clean Energy Officer and Lia MacDonald, VP Transmission, Distribution and Delivery.

Nova Scotia Power is committed to achieving Canada's and Nova Scotia's ambitious clean energy targets by 2030 – including 80% renewable electricity and the closure of all coal units – and has a leading role to play as an enabler and driver of the province's green future. Achieving this shared and exciting future vision will take innovative thinking, hard work and collaboration. Nova Scotia has the potential to be one of the cleanest, lowest-carbon, and future-ready regions in Canada—to have a thriving green economy powered by cleaner energy, and a reliable, resilient grid to power the lives of Nova Scotians, every day.