

# NORTH AMERICAN ENERGY DIALOGUE SERIES

A FOUR-PART SEMINAR SERIES PRESENTED BY:



## SERIES OVERVIEW

The energy markets of Canada, the United States, and Mexico are becoming increasingly interdependent as physical infrastructure and commodities trade continues to grow across North America. With free trade treatment of many energy commodities through NAFTA, and now USMCA, the three neighbouring countries include each other's largest import and export markets for many of these commodities. Total energy trade (2017) among the three countries totalled approximately \$123 billion USD. As a semi-integrated regional energy market, changes in one country have repercussions on its neighbours. While the three countries share tremendous growth potential through market integration, major challenges can also equally afflict the region. Canada, the United States and Mexico are oil-producing countries that have been affected particularly hard by the economic and market impacts of the COVID-19 outbreak. As an oil-producing region all three countries face the challenge of accelerating widespread clean energy innovation as an indispensable part of an effective, long-term global response to our shared climate challenge, and as a critical component for energy security. The University of Alberta, the University of Texas at Austin, and the Tecnológico de Monterrey, are leading research-intensive universities in their respective countries, each possessing strong energy focused expertise. The three universities are uniquely positioned to create a platform that enables discussion and analysis on energy policy, through a North American perspective. These webinars will include insights from experts from the three countries as well as perspectives from government, academia, industry, and think tanks.

Presented in partnership with:

The Energy Systems Signature Area at the University of Alberta

The School of Government and Public Transformation at Tecnológico de Monterrey

The Kay Bailey Hutchison Center for Energy, Law & Business

## SEMINAR 4: Industrial Decarbonization & the role of CCUS: a Canadian Outlook

Date: Tuesday, June 22, 10:00 AM MT

Industry is the basis for prospering societies and central to economic development. As the source of almost one-quarter of CO<sub>2</sub> emissions, it must also be a central part of the clean energy transition. This webinar will take a closer look at CCUS technologies and the critical role they can play in reducing industry sector CO<sub>2</sub> emissions. The focus will be on Canada's current energy landscape, but will draw upon perspectives and experiences from experts in the United States and Mexico.

- How can governments support development and deployment of CCUS in industry as part of a least-cost portfolio of technologies needed to achieve climate & energy goals?
- What are the challenges and opportunities in the development of CCUS "hubs" in industrial areas with shared transport & storage infrastructure?
- Can lower-carbon cement, steel and chemicals, accelerate the adoption of CCUS and other lower-carbon processes?

The program will open with a keynote speaker who will introduce and set up the topic. Following the keynote, each panelist will deliver opening statements. A conversation among the panelists will follow which will be led by a moderator.

# Register for the Seminar

### Moderator & Keynote Speaker

**Dr. Rick Chalaturnyk**

Professor, Geotechnical Engineering  
NSERC/Energi Simulation Industrial Research Chair  
Director - Reservoir Geomechanics Research Group  
University of Alberta

Canada



### Panelist

**Nestor Isaias Quintero Mora**  
Head of Global Quality  
CEMEX

Mexico



### Panelist

**Dr. Katherine D. Romanak**  
Research Scientist  
Bureau of Economic Geology  
Jackson School of Geosciences  
University of Texas at Austin

United States



### Panelist

**Drew Leyburne**  
Assistant Deputy Minister  
Energy Technology Sector  
Natural Resources Canada

Canada

