



March 18-19, 2020 | Hotel Arts | Calgary, AB

20th Annual ARCTICOIL & GAS SYMPOSIUM

New Opportunities in Northern Infrastructure and Resource Development

Hear from Distinguished Faculty Including:



Hon. Dan Vandal Minister of Northern Affairs Government of Canada



Hon. Katrina Nokleby Minister of Industry, Tourism & Investment Minister of Infrastructure Government of Northwest Territories



Hon. David Akeeagok Deputy Premier Government of Nunavut



Kelly Ogle President & CEO Canadian Global Affairs Institute



Heather MacPherson Environmental & Property Solutions Imperial Oil



Priyank Thatté Director of Strategic Initiatives Yukon Government – Highways and Public Works



Sonya Saunders Director, Strategic Infrastructure Northwest Territories Government – Infrastructure

Share new information with key stakeholders and make informed decisions for your business and community:

- Assessing Canada's future in evolving global Arctic oil and gas markets
- Advancements in roads, rails, ports and telecommunications supporting current and future projects
- Planning for climate change and the impacts on northern development
- Using beneficial models for Indigenous communities in oil and gas activities
- Responding to Bill C69 and calculating the significance for industry
- Exploring new plans and priorities for Canada's Northern Territories
- Highlighting emerging developments in alternative energy and LNG for local needs

Plus – In-Depth Workshop

Developing a Collaborative Approach to Getting Projects Off the Ground



Petroleum





a C5 Group Company Business Information in a Global Context

Connect with key northern stakeholders for crucial insight on the future of Arctic activity, and opportunities for Canada in the global energy sector.

CI Energy Group is pleased to announce the 20th Anniversary of the Arctic Oil & Gas Symposium, in Calgary. This anticipated annual event has brought together hundreds of the major players in northern resource development for candid discussions and information sharing on regulatory issues and new business opportunities.

Join us in 2020 to gain greater clarity on the direction from new Federal and Territorial governments, learn about advancements in infrastructure, the impact of changing climate patterns, and what is required to overcome the challenges of moving forward with new projects.

Whether you are new to this event or eager to return this is your best opportunity to meet the leaders and decision makers from government, industry and Indigenous communities. Ensure you are part of the critical discussions on Canada's role in global energy markets and the future of sustainable resource development.

We look forward to welcoming you March 18-19, 2020 in Calgary at this must-attend event.

Distinguished Faculty

Conference Chair



Al Chatenay President

Speaker Faculty



Hon. David Akeeagok Deputy Premier **Government of Nunavut**



Travis Balaski Vice President **Ferus Natural Gas** Fuels Inc.



Nigel Bankes Professor and Chair, Natural Resources Law University of Calgary



Paul Barnes Director, Atlantic Canada and Arctic Canadian Association of Petroleum Producers

(CAPP)



Niilo Edwards Executive Director **First Nations Major** Projects Coalition





G. Kent Fellows Associate Program Director: Canadian Northern Corridor University of Calgary



Government of Yukon Merven Gruben Vice President & Co-Owner E. Gruben's Transport Ltd.

Former Mayor, Tuktoyaktuk

Heather MacPherson Environmental & Property Solutions **Imperial Oil**



Menzie McEachern Director, Mineral & Petroleum Division Industry, Tourism and Investment Government of Northwest Territories



University of Calgary Christoffer Mylde Senior Vice President, Corporate Development Sproule

Maribeth Murrav

Executive Director



Minister of Infrastructure Government of **Northwest Territories** Kelly Ogle President & CEO





Terri-Lee Oleniuk Partner Blake, Cassels & Graydon LLP (Blakes)



Alaska Natural Gas Transportation Projects Journalist/Instructor University of Alaska Anchorage



Sonya Saunders Director, Strategic Infrastructure **Department of** Infrastructure, Government of the **Northwest Territories**









Director of Strategic Initiatives Yukon Government -**Highways and Public Works**





Assistant Professor, Faculty of Law **University of Calgary**



🔰 @CI_Energy #AOGS20 | in The Arctic Oil & Gas Network









B Was able to network with old friends & colleagues and meet new ones.Most speakers are very passionate about their subjects.

Sahtu Land & Water Board

WHO YOU WILL MEET

This is a must-attend event for government and industry professionals involved in Northern resource development. The spectrum of job responsibilities includes:

- Regulatory and Government Affairs
- » Policy Advisor
- » Environment & Natural Resources
- » Indigenous and Community Affairs
- » Economic Development

- » Land Management & Environmental Approvals
- » Logistics, Infrastructure, Transportation
- » Exploration Manager
- » Oil & Gas Planning
- » Petroleum Advisors

- » Resource Development
- » Geoscientist
- » New Ventures
- » Project Managers
- » Legal Affairs
- » Finance and Procurement
- » Business Development

SOME OF THE MANY ORGANIZATIONS THAT HAVE BENEFITTED FROM ATTENDING THIS SYMPOSIUM

Acho Dene Koe First Nation

Alaska Department of Natural Resources

Alaska Highway Aboriginal Pipeline Coalition

Alberta Energy Regulator

AltaGas

Apache Canada

ATCO Group of Companies

Ayoni Keh Land Corporation

Behzdi First Nation

BCP Canada and BP Exploration Alaska Inc.

Canadian Association of Petroleum Producers

Canadian Northern Economic Development Agency

CanNor

Chevron Canada Limited

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Dencho First Nations

Deline First Nation

Dene Tha' First Nation

Devon Canada Corporation Enbridge Pipelines Inc. EnCana Environment Canada Exxon Mobil Corporation Fisheries & Oceans Canada Government of the Northwest Territories Government of Alaska Government of Alberta

Government of Nunavut

Government of Yukon

Gwich'in Tribal Council

Husky Energy

Imperial Oil

Indigenous Affairs and Northern Development Canada

Industry Canada

- Innovation Norway
- Inter Pipeline Fund

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KOREA GAS Corporation Kwanlin Dun First Nation Mackenzie Valley Land & Water Board Marathon Oil Company MGM Energy Corp. National Energy Board Northern Pipeline Projects North Slope Borough NWT Water Board Paramount Resources Ltd. Sahtu Secretariat Inc. Sambaa K'e Dene Band Shell Canada Statoil Canada Ltd. Stantec Talisman Energy Inc. Totally E&P Canada Town of Norman Wells TransCanada Pipelines Ltd. Transport Canada Vuntut Gwitchin First Nation Yamoga Land Corporation Yukon Geological Survey



Register Now | ArcticGasSymposium.com | 1 877 927 7936

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Day 1 WEDNESDAY, MARCH 18, 2020

GG Always a great event – excellent content and speakers. 99

Manager, Government of Northwest Territories

8:00 Registration Opens and Refreshments Available

8:45

Opening Remarks from the Conference Chair



- Al Chatenay President
- **Explor**

9:00 **KEYNOTE**

Plans and Direction for Resource Development in the Northwest Territories



Hon. Katrina Nokleby Minister of Industry, Tourism & Investment Minister of Infrastructure **Government of Northwest Territories**

KEYNOTE Government of Nunavut



Hon. David Akeeagok Deputy Premier Minister of Economic Development and Transportation Government of Nunavut

9:45

Exploring New Plans and Priorities for Canada's Northern Territories



Derek Fraser Director of Oil & Gas. Energy Mines and Resources **Government of Yukon**



Menzie McEachern Petroleum Division

Director, Mineral & Industry, Tourism and

Investment Government of **Northwest Territories**

- · Highlighting proposed modernization of oil and gas regulations and improvements being contemplated
- What progress has been made towards sustainable development?

Networking Refreshment Break 10:30

10:45

DELIVERING STRATEGIC INFRASTRUCTURE TO SUPPORT RESOURCE DEVELOPMENT — Roads, Ports and Rail



G. Kent Fellows Associate Program Director: Canadian Northern Corridor **University of Calgary**



Sonya Saunders Director, Strategic Infrastructure **Northwest Territories** Government -Infrastructure

- Advancements on the Tlicho All-Season Road, the Mackenzie Valley Highway from Wrigley to Norman Wells, the Slave Geological Province Corridor, and the Taltson Hydroelectric Expansion Project for a transportation, hydro and communications link to the SGPC
- Update on the Gray's Bay Port and Road Project linking Yellowknife to Grays Bay in Nunavut, tying together mining projects and a deep-water port
- Expected environmental review and construction timelines
- Plans for improving the NWT rail line to Hay River
- Update on the Northern Corridor program

Join the Conversation

DELIVERING STRATEGIC INFRASTRUCTURE TO SUPPORT **RESOURCE DEVELOPMENT – Telecommunications: Update** on the Dempster Fibre Project



Privank Thatté Director of Strategic Initiatives Yukon Government – Highways and Public Works

- The latest on the Dempster Fibre Project, to connect the existing Mackenzie Valley Fibre Line in a continuous 4000 km fibre loop
- 12:00 Networking Lunch for Delegates and Speakers

1:00 KEYNOTE ADDRESS

Northern Policy Framework – A Federal Roadmap for **Future Collaboration**



Hon. Dan Vandal Minister of Northern Affairs Government of Canada

1:30

Alternative Energy for Northern Communities – Getting the **Community Off Diesel**



Travis Balaski Vice President Ferus Natural Gas Fuels Inc.



Jay Massie Electric Utility Manager **ATCO**

- Recent developments and progress in small-scale LNG for local energy needs
- Exploring new developments in alternative energy LNG + smaller northern projects
- Highlighting the Old Crow solar project in the Yukon to get the community from using diesel in the summer

2:30

Using Beneficial Models for Indigenous Communities in Oil and Gas Activities



Alexander Fanni

Community Relations & Business Development **CDN Controls**



Matthew Spence

Regional Director General **Crown-Indigenous Relations and Northern Affairs** (CIRNAC)

- How can Indigenous communities benefit from oil and gas activities?
- What models are preferable from an Indigenous point of view? (co-ownership, high employment benefit agreement, high royalties)
- Exploring Indigenous interests in the TransMountain pipeline; how is this modelled like the Mackenzie Valley Gas pipeline?

Networking Refreshment Break 3:15



🍽 @CI_Energy #AOGS20 | in The Arctic Oil & Gas Network

ଓେ Great diversity of speakers and political content. ୨୨

Sr VP & GM, ATCO

3:30

Norman Wells – An Update on Progressive Reclamation



Heather MacPherson Environmental & Property Solutions Imperial Oil

- Highlights of activity on Imperial's long-term planning for the Norman Wells operation
- Overview of socioeconomic initiatives and long-term collaboration with local Sahtu communities

4:00

Planning the Infrastructure of the Future – How is Climate Change Changing Construction in the North?



Merven Gruben

Vice President & Co-Owner **E. Gruben's Transport Ltd.** Former Mayor, Tuktoyaktuk

- How do you plan for infrastructure that is resilient to flooding, storms and damage as the result of climate change?
- Designing for future requirements, ensuring resilience, adaptability and managing risk
- Exploring the challenges of constructing in the north, maintenance of the roadway, adapting to the changing permafrost

4:30 CASE STUDY

Kluane Lake Research Station — Modernising Research Infrastructure in a Changing Climate



Maribeth Murray Executive Director Arctic Institute of North America Professor, Anthropology and Archeology University of Calgary

- Exploring alternate ways for getting off diesel
- Infrastructure for food production in a cold climate
- Supporting innovation in renewable energy systems and environmental science

5:00

Chair's Closing Remarks; Day 1 Adjourns



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Day 2 THURSDAY, MARCH 19, 2020

7:30 Registration Opens and Refreshments Available

8:00

Networking Breakfast Reception with Calgary Women in Energy



Join this early morning networking breakfast reception to discuss business trends, working collaboratively and finding practical solutions to common barriers. This is tailored for women working in oil field exploration and production, pipelines and facilities, construction and manufacturing.

8:30

Special Presentation: Calgary Women in Energy

Rayna Oryniak Director of Membership CWIE Shauna Holmes Director of Technical Education CWIE

9:00

Opening Remarks from the Conference Chair

9:05

Global Arctic Market Outlook



Kelly Ogle President & CEO Canadian Global Affairs Institute

Prospects for energy development in the north, viewed through a security lens

9:30

Assessing the Future for Oil and Gas Developments in the US Arctic



Larry Persily

former Federal Coordinator Alaska Natural Gas Transportation Projects Journalist/Instructor University of Alaska Anchorage

- Reviewing the potential and problems ahead for oil and gas leasing in the Arctic National Wildlife Refuge (along with other development work on Alaska's North Slope)
- Assessing BP's sale to Hilcorp and departure from Alaska
- Examining the status of the long-proposed state-led Alaska LNG project (onshore) and the newly proposed offshore LNG project

10:15 Networking Refreshment Break



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experts from around the world to learn, meet, network and make the contacts that create the opportunities.

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10:30

GLOBAL OUTLOOKS FOR OIL AND GAS DEVELOPMENT

NORWAY



Christoffer Mylde Senior Vice President, Corporate Development Sproule

Plans for offshore oil and gas projects

11:00



Ben Seligman Project Specialist – Arctic / Frontier Oil & Gas (formerly Shell)

Recent developments in Russian Arctic gas and LNG

11:45

Reviewing and Responding to Bill C69 and Significance for Industry

Moderator:



Nigel Bankes

Professor and Chair in Natural Resources Law University of Calgary

Panelists:



David Wright Assistant Professor, Faculty of Law University of Calgary

Terri-Lee Oleniuk Partner

Blake, Cassels & Graydon LLP (Blakes)

- Assessing the negative and positive impacts of Bill C69
- What does this bill mean for energy projects?

12:30

Closing Remarks from Conference Chair

Book your room now and SAVE!

Hotel:	Hotel	Ar
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Address: 119-12th Avenue SW, Calgary, AB, T2R 0G8

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Telephone: 1-800-661-9378 or 403-266-4611
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Online: ArcticGasSymposium.com/Venue

The Canadian Institute is pleased to offer our delegates a limited number of hotel rooms at a negotiated rate. To take advantage of these rates, please contact the hotel directly and quote "Arctic Oil & Gas Symposium."

Please note that the guest room block cut-off date is **February 17th**, **2020**. After that date OR when the room block fills, guestroom availability and rate can no longer be guaranteed.

Post-Conference Workshop THURSDAY, MARCH 19, 2020

🕓 1:30 pm – 4:30 pm

In-Depth Workshop — Developing a Collaborative Approach to Getting Projects Off the Ground



Paul Barnes Director, Atlantic Canada and Arctic Canadian Association of Petroleum Producers (CAPP)



Niilo Edwards Executive Director First Nations Major Projects Coalition



Larry Persily former Federal Coordinator Alaska Natural Gas Transportation Projects Journalist/Instructor University of Alaska Anchorage

- New methods to attract investment in the North, including new partners and investors beyond the Federal government
- The drive for regulatory improvements / regulatory certainty for Canadian Arctic oil and gas
- What are the views from industry on where the focus and efforts should be to drive regulatory improvement and certainty?
- Assessing the relationship between industry, service companies and Indigenous communities to encourage long-term development
- Options and practical strategies that would enable Indigenous investment and involvement in future northern energy projects

A light lunch will be served to workshop attendees.

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The Canadian Association of Petroleum Producers (CAPP) represents companies, large and small, that explore for, develop and produce natural gas and oil

CANADA'S OIL & NATURAL CAS PRODUCERS throughout Canada. CAPP's member companies produce about 80 per cent of Canada's natural gas and oil. CAPP's associate members provide a wide range of services that support the upstream oil and natural gas industry. Together CAPP's members and associate members are an important part of a national industry with revenues from oil and natural gas production of about \$109 billion a year. CAPP's mission, on behalf of the Canadian upstream oil and natural gas industry, is to advocate for and **enable economic competitiveness and safe**, environmentally and socially responsible performance. For more information please visit **capp.ca**.



Calgary Women in Energy (CWIE) is an exclusive, non-profit, oil women's society dedicated to promoting, supporting and empowering women in Calgary's energy sector. CWIE is a dynamic collection of professional women focussing on events, educational session, networking opportunities and community contributions CWIE works as a team to learn and contribute more in the industry we are in. **www.cwie.org**





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Conference Only	\$1595 + free workshop	\$1595	\$1795		
IN-DEPTH WORKSHOP — Add the workshop to your order, or book separately					
WORKSHOP (March 19, 2020 1:30 pm – 4:30 Developing a Collaborative Approach to Getting Projects Off the Ground		\$395			
All program participants will receive an online link	to access the conference materials as part of	their registration fee			

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Additional copies of the Conference Materials available for \$199 per copy

***Passes for the complimentary workshop are limited and cannot be combined with any other offer or group discount. This special offer is not available online. Please contact Customer Service for more information.

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*Only Indigenous Communities and employees of Non-Profit organizations qualify for this special pricing offer. This special price cannot be combined with group rates or any other special offer. CI reserves the right to review eligibility for the Indigenous Communities and

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email Data@CanadianInstitute.com or fax the label on this brochure to 1-877-927-1563.

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The Canadian Institute 1329 Bay Street Toronto, Ontario M5R 2C4

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The most essential event exploring resource development in Canada's north

March 18-19, 2020 | Hotel Arts | Calgary, AB

20th Annual **ARCTIC OIL & GAS** SYMPOSIUM

New Opportunities in Northern Infrastructure and Resource Development

TOP REASONS TO ATTEND 4 Prepare for the impacts of a changing climate

- Ask questions and get answers directly from government, Northern leaders, and industry
- Overcome challenges, celebrate progress and 2 open doors to new northern development
- Learn how the North fits into global 3 energy markets

Attend the in-depth workshop and learn how 5 Attena the macpure of the ground

on new developments