

Networking Reception
Wednesday, October 9th - venue tbc

5:00-7:00 pm Networking reception

Calgary Energy Roundtable Conference – draft agenda
Thursday, October 10th, Imperial Ballroom, Calgary Hyatt Regency, 700 Centre St

MC: **Tom Clark**, veteran journalist and Chair, Global Public Affairs

7:30 am Registration. Continental breakfast will be available

8:00 am Welcome remarks

8:05 am **The energy outlook**

Potential for fiscal disaster in the oil patch was averted when in late 2018 the government of Alberta instituted a mandatory oil curtailment to clear the production glut. Domestic price discounts have snapped back and spending and drilling should strengthen into the back half of the year, though 2019 may record fewer new oil and gas wells compared to the past two years. Liquid by-products stand out as a growth item in an otherwise flat outlook for Canadian natural gas. The current malaise is about market access delays, policy angst and top-line commodity prices. Final approval of the LNG Canada project provides some optimism that Canada can get its product to international markets. And there is a new resiliency in the world of oil and gas. Leading multinationals and progressive independent operators with high-quality assets can now be quite active at \$US50/B; many are here in Canada, including in the Montney and Duvernay, prolific basins that are attracting significant investment. Given all the forces of change at play some in the industry will falter, while others will regroup and innovate, becoming leaner and stronger, ready to take on the 2020s as demand expands. The panel will provide perspectives on oil and gas development in Canada going forward.

- **John Whelan**, Senior Vice President, Upstream, Imperial Oil
 - **Nina Birgitte Koch**, President, Equinor Canada
 - **Tracy Robinson**, Executive VP and President, Canadian Natural Gas Pipelines, TransCanada
- Discussion led by: **Ben Rogers**, Managing Partner (Calgary), Blake, Cassels & Graydon LLP

8:50 am Fireside chat with **Michael Crothers**, Country Chair, Shell Canada

9:15 am **Financing and M&A trends in Canadian oil and gas**

Significant divestitures of assets by foreign majors that has resulted in changing ownership structures for the Canadian energy sector. M&A activity has increased, with companies seeking to consolidate and focus their strategy. The negative investment climate and the discount on Alberta's Western Canada Select have created buying opportunities for those in the energy sector who believe valuations no longer make sense. As investment in Canadian shale assets continues we may see further consolidation focused on shale and natural gas assets. Going forward, there may be a decrease in big energy deals in Canada, as most of the larger foreign players pulled out of the market. Energy infrastructure may be an exception, with major oil and gas infrastructure projects underway to produce, transport or add value to the industry. While capital markets have remained relatively constrained for many industry participants during the low commodity price cycle, private equity has found opportunities to deploy capital in Canada at an attractive part of the cycle from a valuations standpoint. The panel will examine future trends in financing and M&A in the Canadian oil and gas sector.

- **Kelsey Scott**, Managing Director, Credit Suisse Canada
- **Craig Golinowski**, President, JOG Capital Corporation
- **Speaker tbc**

Discussion led by: **Dan McLeod**, Partner, Blake, Cassels & Graydon LLP

10:00 am Networking break

10:30 am

Industry 4.0: Operational Excellence by Scaling Data & Advanced Analytics

Energy companies are facing an unprecedented convergence of technological, social, and regulatory forces. As artificial intelligence, automation, Internet of Things, blockchain, and 5G become pervasive, their combined impact will reshape standard business architectures. The “outside-in” digital transformation of the past decade is giving way to the “inside-out” potential of data exploited with these exponential technologies. They are altering energy companies’ operations, including exploration, transportation, refining and retail. These technologies are also creating unprecedented levels of industry dislocation, with new entrants fundamentally changing the economics of the business. The panel will examine how energy companies can thrive by conceiving and offering compelling new customer and end-consumer experiences, advance operational efficiencies, launch new digital offerings and build innovation ecosystems.

- **Sam Hayes**, Head of Data and Analytics, Suncor Energy
- **Jason Hinchliff**, Director, Digital Innovation (Operations), Husky Energy
- **Mark Wagner**, Vice President, Advanced Analytics & AI, Scotiabank

Discussion led by: **Pavel Rahman**, Partner & Head of Data Science, IBM

11.15 am

Cybersecurity

Cyber security risks are mounting and changing on a daily basis, forcing governments, organizations and corporations to increase vigilance and cooperation as they seek to best secure critical infrastructure from cyber intrusions. In 2017, the Canadian Cyber Incident Response Centre (CCIRC) handled 1,594 incidents with critical infrastructure organizations. A true number could be difficult to pinpoint as companies often don’t go public about cyber-attacks or breaches, while others might not have detected a cyber intrusion – yet. In light of sustained cyber security threats from a range of sources, energy companies must work to ensure their networks and critical control infrastructure are best positioned to deal with significant attack events, when they occur. The panel will examine key technology advances, regulatory requirements, and success strategies for effectively dealing with cyber security threats.

- **Speakers tbc**

Discussion led by: **Jeff Thomas**, Partner, Advisory Services, KPMG

12:00 pm

Luncheon. Fireside chat with **Frank McKenna**, Deputy Chair, TD Bank Group

1:30 pm

First Nations ownership of energy infrastructure

- **Chief Tony Alexis**, Alexis Nakota Sioux Nation; co-Chair of Iron Coalition

2:00 pm

Electrification of the resource sector

The electrification of the resource sector, notably, upstream oil and natural gas, may help provinces meet their carbon reduction targets in the next decade and potentially allow for industry expansion. As BC, for example, develops a LNG export sector, the province, industry and possibly the federal government, are going to have to invest in electrification. But it’s not an easy path — the challenges to electrification include the need for costly transmission lines, where it may simply be too expensive to reach some regions; the cost of hooking up to those lines; and the higher price of electricity versus natural gas, used now to power compressors in natural gas processing plants and valves in producing wells. Environmentalists warn that electrification alone can’t help resource producing regions reach their carbon targets, as the reductions needed are too great. As the trend to electrification of the economy across Canada intensifies in efforts to reduce carbon emissions, the panel will examine the impact on in the resource sector going forward.

- **Petronas Canada** – speaker tbc
- **Susannah Pierce**, Director, Corporate Affairs, LNG Canada
- **Ausenco** – speaker tbc

Discussion led by: **tbc**

2:45 pm

Petrochemical: A sustainable solution for Alberta?

There’s no shortage of opportunity in Alberta’s major new multibillion-dollar play in petrochemicals, but also some familiar-sounding risks. The Alberta government has granted a half billion of tax credits to two major projects to be built northeast of Edmonton. That will make some Albertans shudder, at least those who remember the “dirty dozen” of failed projects from the Loughheed-Getty era. But there have also been successes of government investment such as Syncrude, the Alberta Energy Company, and the ethane-based petrochemical industry. These wins all built on Alberta’s comparative advantages, such as ample reserves, skilled labour and the ability to integrate an operation with related businesses - advantages that hold true for the two new petrochemical projects. The rewards could be immense. The market for petrochemicals, such as the plastic pellets, is strong and growing. The panel will examine the petrochemical industry and if it is a sustainable solution for Alberta.

- **Dave Chappell**, Senior Vice President, Petrochemical Development, Inter Pipeline
- **Tyler Edgington**, President & Hydrocarbons Director, Dow Canada ULC
- **Mark Tonner**, President & CEO, Naticol Energy

Discussion led by: **tbc**

3:30 pm

Close by **Jason Langrish**, President, The Energy Roundtable