



JOHNSON SHOYAMA

Centre for the Study of
Science and Innovation Policy

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REDUCING GHG EMISSIONS IN THE OIL AND GAS SECTOR

PRESENTED AS PART OF THE *NET ZERO CARBON SERIES*

Dan MacLean, CEO and President, Petroleum Technology Research Centre

Dan MacLean became president and CEO of the PTRC in May, 2017. He is former CEO and President of Tundra Oil and Gas from 2008 to 2014, and previously acquired over 26 years of leadership and technical expertise with Chevron Canada. His background as a reservoir engineering expert has taken him to West Africa, the Middle East, Australia, the United States and Canada. Dan brings with him a keen understanding of the challenges faced by heavy and tight oil operations in Western Canada. He is a graduate of the University of Western Ontario in Chemistry and Chemical Engineering, and received his MBA from St. Mary's College in Moraga, California in 2000.

James Baker, President, JP Baker Management Inc.

Mr. Baker is President of JP Baker Management Inc. He has over 30 years experience in the oil and gas industry, as a senior officer of three different oil and natural gas companies and more recently as a director of several public companies. During that time he also ran a private consulting business specializing in oil and gas related issues particularly in the business development area. Jim Baker has served on numerous industry boards and also sits on the Board of SaskEnergy. In addition, he has been active in CAPP (Canadian Association of Petroleum Producers) and SEPAC (Small Explorers and Producers Association of Canada) and was past Chairman of the IPAC (CAPP predecessor) Saskatchewan Committee.

Corwyn Bruce, Vice-President of Technical Services, International CCS Knowledge Centre

Corwyn Bruce holds a Mechanical Engineering degree from the University of Saskatchewan, and is registered as a Professional Engineer, and a Project Management Professional. He has been working on the Boundary Dam 3 CCS project since early 2009 and has served as both an engineer and a project manager, as well as the engineering manager leading the effort to address the reliability issues with the plant post-start-up. In 2017, he was seconded to the International CCS Knowledge Centre where he serves as the Vice President of Technical Services, and was the lead author of the Shand CCS Feasibility Study which details a proposed second-generation CCS facility on the Shand Power Station.

Saskatchewan is well-positioned to identify the pathway(s) to a low carbon future. It is a province that is fossil fuel dependent, the site of the first commercial-scale post-combustion carbon capture and sequestration (CCS) power plant, and home to some of the world's largest uranium deposits. Although the oil and gas industry of Saskatchewan will be impacted by future climate change policy and regulation, projections of global demand for oil and gas continue into the future. Envisioning and responding to this future through a provincial business strategy is timely.

This discussion series will contribute to addressing the gap between current efforts and those needed to stabilize and potentially reduce GHG emissions.

March 10, 2020

1:30 - 3:00 p.m.

CB 308, College Avenue Campus

University of Regina

2155 College Avenue

NOTE: This lecture will be videoconferenced to our colleagues in Saskatoon (Prairie Room, Diefenbaker Building, 101 Diefenbaker Place).

[Click here to RSVP for this event or visit www.scienceandinnovationpolicy.ca.](http://www.scienceandinnovationpolicy.ca)