

OCCAR

Ontario Centre for Climate Impacts
and Adaptation Resources

PEMBINA
institute



Photo (left & centre): David Dodge/Pembina,



Photo: Jennifer Grant/Pembina

Ontario Centre for Climate Impacts and Adaptation Resources

The Ontario Centre for Climate Impacts and Adaptation Resources (OCCIAR) is a university-based resource hub for researchers and stakeholders searching for information on climate change impacts and adaptation.

Pembina Institute

The Pembina Institute advances clean energy solutions through research, education, and consulting. The Pembina Institute has spent close to three decades working to reduce the environmental impacts of Canada's energy production and use in several key areas, including policy approaches to avoid dangerous climate change and responsible development of Canada's oil and gas resources.

Understanding the role of policy in weather and climate resilience; lessons from the oil and gas sector

THE PROJECT

Changes to temperature and precipitation, climate variability and extreme weather can have impacts in the short and long term on major infrastructure projects. Making adjustments to respond to these changes is an important element in reducing risk and ensuring projects and infrastructure are resilient. In the oil and gas sector, a variety of governing policies may be promoting or hindering the ability to make necessary adjustments.

This project will select 5-6 specific policies from both federal and provincial jurisdictions in order to systematically examine how they enable or hinder adaptation to a changing climate in the oil and gas sector. An enabling policy environment can make adapting to climate change easier, more cost effective or more efficient, while policy barriers can (intentionally or unintentionally) block or hinder adaptation or create an unfair condition for the proponent seeking to reduce climate related risk.

Following the policy review, the project team will work with sector experts to develop broad lessons, relevant to the oil and gas sector but with broad application to other sectors, that will help experts and policy-makers understand the role that policy plays in shaping industry resilience to climate and weather in the short and long term.

THE PROJECT TEAM

Our aim is to help experts across multiple sectors and at all levels of government understand the role policy and policy-making plays in building resilience to climate and weather.

The Ontario Centre for Climate Impacts and Adaptation Resources (OCCIAR) at MIRARCO (Laurentian University) is partnering with the Pembina Institute to carry out this project. The project team will rely on an Expert Group to guide and validate findings. The project has been submitted to Natural Resources Canada and is being considered for funding.

YOUR CONTRIBUTION

Pembina and OCCAR are seeking experts who can provide insight into how policies are developed and implemented in the oil and gas sector. As an industry or government member of this Expert Group, your role will be to ensure our review is accurate and relevant. You will be asked to participate in two short (15-30 min) online surveys and to be available by phone to respond to follow-up questions.

Why participate? You will benefit from access to new policy analysis in an emerging area, and from collaboration with colleagues from a diverse team including industry, academia, and provincial and federal governments. You will provide expertise that shapes lessons and recommendations.

If you are interested in collaborating on this project, or if you require more information, please contact Paul Cobb or Don D'Souza. Contact information below.