



Canada Climate Week Xchange

AGENDA

Date of the event: Tuesday, November 25, 2025

Location of the event: Ampersand: Energy Transition Centre (5th Floor, 112 4 Ave SW) or virtually via Zoom

Title of Session: PRACTICAL CLIMATE SOLUTIONS - PTAC ENABLED SUCCESS STORIES

Showcasing collaborative efforts across Canada to accelerate clean technology adoption and emissions reductions.

9:30 a.m. **Welcome**

Lauren Savoie, President & CEO, **PTAC** Petroleum Technology Alliance Canada

9:35 a.m. **Panel Session 1 - Canada-wide Innovation and Collaboration**

Panelist: **Dave Finn**, CEO, **Energy Research & Innovation Newfoundland & Labrador**

Panelist: **Justin Riemer**, CEO, **Emission Reduction Alberta**

Panelist: **Mike Crabtree**, President and CEO, **Saskatchewan Research Council**

Panelist: **Neil Wildgust**, President & CEO, **Carbon Management Canada**

Moderator: **Lauren Savoie**, President & CEO, **PTAC** Petroleum Technology Alliance

10:25 a.m. **Panel Session 2 - Innovation in Advancing Technology in the Real World - An AUPRF Story**

Panelist: **Anthony Knafla**, Founder and Senior Scientist, **Equilibrium Environmental Inc.**

Panelist: **Edan Prabhu**, Founder & CEO, **Prabhu Energy Labs**

Panelist: **Ian Hers**, Founder and President, **Hers Environmental Consulting, Inc.**

Moderator: **Allan Fogwill**, Chief Operating Officer, **PTAC** Petroleum Technology Alliance

11:15 a.m. **Panel Session 3 - Global Uptake of Canadian Climate Innovation**

Panelist: **Dick Brown**, CEO, **Kathairos Solutions**

Panelist: **Jessica Shumlich**, COO, **Highwood Emissions Management**

Panelist: **Steve Liang**, Founder and CSO, **SensorUp**

Panelist: **Yvan Champagne**, Chief Carbon Officer, **Carbon AI**

Moderator: **Marc Godin**, Chief Technology Officer, **PTAC** Petroleum Technology Alliance Canada

12:00 p.m. **Adjournment**

Allan Fogwill
Chief Operating
Officer
**Petroleum
Technology Alliance
Canada**



Allan Fogwill joined PTAC in October 2021 as Chief Operating Officer. An energy sector executive with over 30 years of experience in the public and private sectors, Mr. Fogwill's background has focused on economic, technical and market analysis of energy sector issues and policy development related to energy supply and demand issues and climate change transitions.

Mr. Fogwill has previously worked for natural gas distribution companies in BC and Ontario and the Ontario Energy Board dealing with market analysis and the analysis of distribution costs. Before assuming his role at PTAC, Mr. Fogwill was the President and CEO of the Canadian Energy Research Institute, providing leading research into the economic impacts of energy transition issues. Allan has a Master's degree from Simon Fraser University in Natural Resources Management and a Bachelor of Science degree from the University of Saskatchewan in Geography. He was a commissioned signals officer in the Canadian military and has also served as the Chair and CEO of the Canadian Energy Efficiency Alliance and the Canadian Gas Research Institute.



Anthony Knafla
Founder and Senior
Scientist
Equilibrium
Environmental Inc.



Anthony Knafla is the founder of Equilibrium Environmental Inc. and has 30+ years of experience in the fields of toxicology, contaminant fate and transport, risk assessment, modelling, analytical techniques, risk management, remediation innovation, and related software technology development. He is a certified Diplomate of the American Board of Toxicology and Professional Biologist in Alberta with educational background in Biochemistry and Medical Sciences from

the University of Calgary with a master's thesis completed under Health Sciences at the Foothills Hospital in Calgary. Select undergraduate courses were taken in engineering for a more in depth understanding of mathematical algorithms representing physical processes. Mr. Knafla has provided expert services in public hearings representing industry proponents, landowners, and the Alberta Energy Regulator. Mr. Knafla's passion is the provision of science-based solutions to environmental problems that protects human and ecosystem health while simultaneously maximizing cost effectiveness of repair through effective remediation, ecosystem restoration, and/or disease treatment.

Dave Finn, M. Eng
CEO
**Energy Research &
Innovation**
**Newfoundland &
Labrador**



Dave Finn (M. Eng.) is an engineer with over 30 years of experience in applied research, strategic management, consulting and business development. Dave is a graduate of Memorial University where he completed a Bachelor of Engineering in Naval Architecture and a Masters in Ocean Engineering.

Dave joined Energy Research & Innovation Newfoundland & Labrador in 2006 and is currently the Chief Executive Officer. Energy Research & Innovation

facilitates and manages R&D and innovation activities on behalf of the Newfoundland and Labrador offshore oil and gas industry.

Dave has extensive experience building strategic collaborative relationships in the offshore and ocean technology industries. He currently serves on the National Research Council of Canada's Ocean, Coastal and River Engineering Research Centre Advisory Board, the Clean Resources Innovation Network (CRIN) Steering Committee, and Memorial University's Engineering and Applied Science Advisory Council.



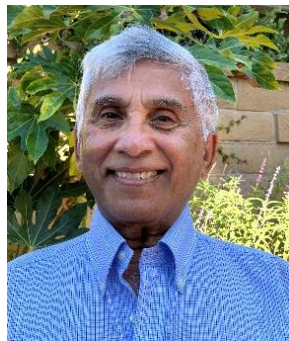
Dick Brown, P.Eng.
CEO and Chairman
Kathairos Solutions



Dick Brown is the CEO of Kathairos Solutions, and a renowned leader in low carbon energy solutions. Dick holds an engineering degree from the University of Alberta and more than 30 years of senior leadership and industry expertise in cryogenic solutions for the energy industry, including liquified nitrogen, liquified natural gas fueling, and clean tech innovation. Through Kathairos, Dick continues to champion solutions

that support today's oil and gas producers in eliminating methane emissions and exceeding environmental commitments. Kathairos was conceived with a vision to do this efficiently and affordably through its proprietary liquid nitrogen technology, and it remains committed to making well site methane venting a thing of the past.

Edan Prabhu
Founder and CEO
Prabhu Energy Labs



Edan Prabhu is an entrepreneur, inventor and the founder and CEO of Prabhu Energy Labs, which is dedicated to harnessing weak methane emissions. Edan has spent a lifetime on energy innovation, including extensive experience with wind, solar, nuclear and fossil fuels. His most recent innovations focus on use or oxidation of very weak sources of methane. He has an MS from the University of Michigan and an MBA. He has been granted 10 US patents on weak methane and other

waste fuels. His Oxiperator demonstrated that it eliminates virtually all harmful emissions from fuel gases.

**Ian Her, Ph.D.,
P.Eng., CSAP**
Founder and
President, **Hers
Environmental
Consulting, Inc.**



Ian Hers is a geoenvironmental engineer with over 35 years of experience in investigation and remediation of contaminated sites. He is founder and president of Hers Environmental Consulting, Inc., located in Vancouver, BC. He is a Contaminated Sites Approved Professional in BC, Vice President of the Science Advisory Board for Contaminated Sites of BC, and Partner with GeoEnviroPro. His work has included applied research and development, development of guidance and technical review, including,

on soil vapour intrusion, and natural and enhanced attenuation of methane and contamination, in-situ remediation, and leaking oil and gas well management. Over the past two decades, Ian has participated on numerous ITRC and ASTM teams supporting guidance development and training. He enjoys exploring innovation in



areas of modeling and technology development, collaboration and teamwork, and sharing knowledge through teaching. He holds a Ph.D. from the University of British Columbia.

Jessica Shumlich,
P.Eng., MM
COO & Co-founder
**Highwood Emissions
Management**



As Chief Operating Officer and Co-founder, Jessica is leading a rapidly growing 30 person Highwood team in its mission: to deliver the oil & gas industry's premier solutions for accurate methane inventories that enable real, transparent, and provable emissions reductions. Jessica led the securing of \$3 million in seed funding to fuel product development and position Highwood for accelerated growth & innovation in the emissions intelligence space. Jessica has almost 20 years of experience working for energy companies, governments, technology developers, and various startups across the globe.

Justin Riemer
CEO
**Emission Reduction
Alberta**



An Albertan through and through, Justin Riemer has dedicated his career to strengthening the province he loves. Now the Chief Executive Officer of Emissions Reduction Alberta (ERA), Justin leads the team dedicated to advancing innovations that are reducing Alberta's greenhouse gas emissions and diversifying its economy. He has earned a reputation for skillfully navigating Canada's innovation system, building relationships inside and outside of Alberta, and developing a strong network in support of innovation and economic development. For more than 25 years, he has achieved results in regional economic development, industry expansion, investment attraction, and innovation. Before joining ERA, he led the Alberta Region of Prairies Economic Development Canada in the federal government to support economic development across the province. Prior to that, he held several senior positions focused on innovation and investment attraction at the Government of Alberta and briefly at Alberta Health Services. Justin graduated from the University of Alberta with a Bachelor of Arts (Honours) in Political Science and went on to earn a Master's Degree in International Affairs from Carleton University. Justin is happily married, has two grown boys and a daughter in law. HE IS A LEADER. A CONNECTOR. A CHANGEMAKER.



Lauren Savoie, P.Eng,
PMP, FCSSE, ICD.D
President & CEO
**Petroleum
Technology Alliance
Canada**



Lauren is a dynamic and results-driven leader with over 20 years of comprehensive experience in the oil and gas industry. Leveraging her diverse technical, business, and operations expertise, Lauren is committed to enabling transformative change across Canada's oil and gas sector.

As the current President and Chief Executive Officer of PTAC Petroleum Technology Alliance Canada, Lauren is responsible for guiding the non-profit organization in its mission to promote innovation, collaborative research, and technology advancement within Canada's hydrocarbon industry, while positioning the country as a global leader in technology development and deployment.

Before joining PTAC, Lauren held several key positions at Suncor, including Senior Specialist Governance Advisor, Director of Strategic Development & Integration, Director of Technology and Renewable Development & Engineering Manager. Prior to her work at Suncor, Lauren served as a Director at Glencore, and as the Director of Asset Management at Caracal Energy Inc.

Lauren earned her Bachelor of Engineering from the University of Victoria and is a registered Professional Engineer in Alberta. She also serves as the Vice Chair of the WPC Energy Canada board. When she's not advancing her professional goals, Lauren loves skiing with her family in Fernie, BC.

Marc Godin P. Eng.,
MBA
Chief Technology
Officer
**Petroleum
Technology Alliance
Canada**

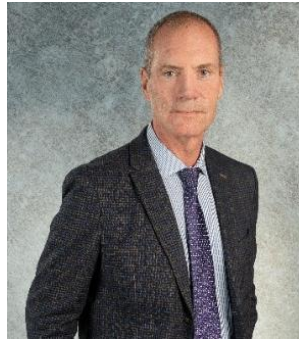


Marc Godin is a professional engineer and Chief Technology Officer for Petroleum Technology Alliance Canada. He has +35 years of industry expertise. He is a visionary leader in innovation, and drives technology development, commercialization, and R&D strategy while managing high-impact projects and securing funding to push the industry forward.

He is a Fellow of THECIS, The Centre for Innovation Studies, and an associate of the Pipeline Engineering Center, both affiliated with the University of Calgary. He is a member of the Association of Professional Engineers and Geoscientists of Alberta, the Society of Petroleum Engineers, the Canadian Heavy Oil Association, PTAC Petroleum Technology Alliance Canada, and Decentralised Energy Canada.



Mike Crabtree
President & CEO
Saskatchewan
Research Council



Mike Crabtree is the President and CEO of the Saskatchewan Research Council (SRC). With over 30 years of experience in energy and clean tech across multiple continents, he has held senior executive roles at Schlumberger, Carbon Engineering and Oilflow Solutions Inc. Mike's expertise spans field operations, management, and research and development (R&D). He has managed high-performance executive teams, led successful R&D projects and formulated strategic plans for innovative technologies. He holds a master's degree in petroleum engineering and a degree in chemistry. Currently, he is leading SRC's development of a Rare Earth Processing Facility and Saskatchewan's first microreactor.

Neil Wildgust, B.Sc,
P.Geo, M.Sc
President & CEO
Carbon Management
Canada



Neil Wildgust is the President and CEO of Carbon Management Canada (CMC), leading efforts to help industry and governments cut emissions and reach net zero. With over 35 years professional experience in geoscience and two decades in carbon capture and storage (CCS), Neil has held leadership roles at IEAGHG, the Petroleum Technology Research Centre, the Global CCS Institute, the Energy & Environmental Research Center, and the BC Geological Survey. He has also consulted on CCS and risk assessment and received the PCOR Partnership Pioneer Award in 2015.

Steve Liang
Founder and CSO
SensorUp



Dr. Liang is a researcher, teacher and entrepreneur. He currently holds the Rogers Internet of Things Research Chair Professor at the University of Calgary. In 2014, Dr. Liang founded SensorUp with the goal to interconnect the world's disparate sensing systems into a coherent sensor web for the betterment of humanity. Over the years, SensorUp works with the US Department of Homeland Security to protect first responders, with rail companies to improve logistics efficiency, with construction companies to improve field worker safety, and now SensorUp is focusing on combating global warming by minimizing methane emissions. Dr. Liang serves as an expert panelist on numerous esteemed panels for the Council of Canadian Academies, the US National Academies of Sciences, Engineering, and Medicine, and more. Steve received numerous awards,



including Calgary's Top 40 Under 40, Open Geospatial Consortium's Gardels Award, UCalgary's Peak Scholar, and more.

Yvan Champagne
Co-Founder & Chief
Carbon Officer
CarbonAi Inc.



Yvan Champagne is a Co-Founder and Chief Carbon Officer at CarbonAi. He has an extensive background in the financing, development and execution of large-scale emission reduction projects, with direct involvement in over 70 unique emission reduction projects across 17 unique project types that have cumulatively delivered over 16 million tonnes CO₂e of reductions across the world.

Prior to joining CarbonAi, Yvan was the Founder and President of Bluesource Methane, where he was responsible for executing an award-winning methane reduction program involving 40 oil & gas producers in Western Canada. Before that, Yvan spent eight years as President of Bluesource Canada, overseeing project sourcing, carbon credit sales and brokerage and advisory services for the Canadian market.

Yvan holds a B.A. in Political Science from Yale University and an MBA from the Kellogg School of Management (Northwestern) and Schulich School of Business (York). He is a board member/advisor to Planetary Technologies and Noble Mineral Exploration.

