

Carbon Capture Canada 2024 - KNOWLEDGE BAR PROGRAM

Day 1: Tuesday, September 10, 2024 - 24 Presentations

9:00 AM					REGISTRATION OPENS				
Worley Knowledge Bar		Enbridge Knowledge Bar		Pathways Alliance Knowledge Bar		Capital Power Knowledge Bar			
Sponsored by: Worley		Sponsored by: Enbridge		Sponsored by: Pathways Alliance		Sponsored by: Capital Power			
Exhibition Hall A&B		Exhibition Hall A&B		Exhibition Hall A&B		Exhibition Hall A&B			
Session Chair: Paul Tingley, Worley		Session Chair: Michael Chae, NAIT		Session Chair: Ellen Widdup, Pathways Alliance		Session Chair: Michelle Hiltz, Edmonton Global			
10:30 AM	<p>Current Status of Non-metallic Materials for CO2 Transport Pipeline</p> <p>Ashutosh Nischal, Worley Group Inc.</p>	<p>Carbon Capture, Utilization and Storage in Alberta: Overview of Regulations</p> <p>Tair Ibatullin, Enbridge & Dr. Isaac Arponash, Alberta Energy Regulator (AER)</p>	<p>Integrated Assessment of Decarbonization Pathways</p> <p>Amit Kumar, University of Alberta</p>	<p>A Practical Guide for the Selection of CO2 Dehydration Technology Based on Intake and Offtake Conditions for Carbon Capture and Storage</p> <p>Brent Staley, NOV Process Systems</p>					
11:30 AM	<p>Theseus 24D Minimal Environmental Disturbance and Capital Seismic MMV Method</p> <p>Lee Hunt, Carbon Alpha</p>	<p>Reinforced Thermoplastic Pipes for CO2 Transportation: CO2 Permeation Through Polyethylene</p> <p>Hadi Naziaripoor, Flexpipe, a division of Matr Corp.</p>	<p>Building Better with Blocks: How to Address Project Complexity and Economics for Modular CCS Solutions?</p> <p>Dillon Mazerolle, Enerflex</p>	<p>From Policy to Profit - The Quest to FID</p> <p>Francis Moran & Alex Lafreniere, McDaniel & Associates</p>					
12:30 PM	<p>Carbon Capture and Valorization: an Overview of ENEA's Activities</p> <p>Maria Luisa Grilli & Umberto Pasqual Laverdura, ENEA</p>	<p>Enhanced CCUS Project Results Through Early EPC Integration</p> <p>David Keating, Kiewit Energy Canada</p>	<p>Assessment of Pressure Interference in Alberta's Proposed Carbon Storage Hubs</p> <p>Rob Pockar, Canadian Discovery Ltd</p>	<p>The Geology of Carbon Sequestration: Successes and Failures Examined using Real Life Examples</p> <p>Jon Noad, Stantec Consulting</p>					
	<p>Session Chair: Michael Templin, Worley</p>	<p>Session Chair: Amit Kumar, University of Alberta</p>	<p>Session Chair: Margaret Fong, Pathways Alliance</p>	<p>Session Chair: Alex Lafreniere, McDaniel</p>					
1:30 PM	<p>Meeting the Needs of Every Emitter – CCUS Solutions for Today and Tomorrow</p> <p>Jean-François Rossi, TECHNIP ENERGIES & Patricia Scozzafave, Shell</p>	<p>Downhole Solutions for Underground Storage</p> <p>Jonathan Olsen, Tenaris</p>	<p>Innovative Pathways in Chemical Looping Technologies: Overview & Current Status</p> <p>Nader Mahinpey, University of Calgary</p>	<p>Converting Existing Crude Oil Pipeline into CCS Gathering with Steel-Reinforced Thermoplastic Pipe via Pipe-in-Pipe Rehabilitation</p> <p>Kirill Kovalenko, FlexSteel Pipeline</p>					
2:30 PM	<p>BASF OASE Blue Technology Journey</p> <p>Mohamed Anas Mohamed Shaharuddin, BASF</p>	<p>Simulating Captured CO2: Simulator Selection and Impurity Impacts on Design</p> <p>Michael Fabrik & Tony Sterner, WSP Canada</p>	<p>Elevating Post-combustion Carbon Capture with Innovative Solvent Based Technologies</p> <p>Shu Pan & Lenny Fernando, SLB</p>	<p>Subsurface Factors that Impact Multi-Well Spacing for CO2 Injection</p> <p>Heather Qualman, Wood PLC</p>					
3:30 PM	<p>CycloneCC: The Technology to Accelerate Industrial Decarbonization</p> <p>Glen Bailey, Carbon Clean</p>	<p>Heat Integration for Carbon Capture</p> <p>Nikhil Nagpal, Spartan Conrols</p>	<p>Enabling CO2 Capture Technology Development</p> <p>Farbod Sharif, Innotech AB</p>	<p>Understanding the Role and Complexities of Voluntary Carbon Credits</p> <p>Tim Byrne, Bdynamic Group Inc.</p>					
4:30 PM	Industry Networking Reception (Exhibition Floor)								
6:00 PM	DAY 1 OF EVENT- CONCLUDES FOR THE DAY								

Carbon Capture Canada 2024 - KNOWLEDGE BAR PROGRAM

Day 2: Wednesday, September 11, 2024 - 20 Presentations

9:00 AM REGISTRATION OPENS				
	Worley Knowledge Bar	Enbridge Knowledge Bar	Pathways Alliance Knowledge Bar	Capital Power Knowledge Bar
	Sponsored by: Worley	Sponsored by: Enbridge	Sponsored by: Pathways Alliance	Sponsored by: Capital Power
	Exhibition Hall A&B	Exhibition Hall A&B	Exhibition Hall A&B	Exhibition Hall A&B
	Session Chair: Jennifer Elgar, Worley	Session Chair: Sam Zilka, Spartan Controls	Session Chair: Carly L'Henaff, Pathways Alliance	Session Chair: Mark Guirguis, Spartan Controls
10:30 AM	<p>Key Factors in Selecting Pre-Combustion Carbon Capture Technologies and Emerging Trends</p> <p>Rabi Dey, Worley Consulting</p>	<p>Fireside Chat: Engaging Communities: The Wabamun Hub, Indigenous Partnerships, and the Role of the CCS Knowledge Centre</p> <p>Nicole Baker, Enbridge Inc. & Breanne O'Reilly, International CCS Knowledge Centre</p>	<p>Next-Gen Carbon Capture Technologies</p> <p>Robert Mugo, COSIA</p>	<p>Effective and Efficient Active 4D Seismic Monitoring of a Dynamic CO2 Plume</p> <p>Mike Saunders, MicroSeismic, Inc.</p>
11:30 AM	<p>Updated for MHI KM CDR Process™</p> <p>Takashi Kamijo, Mitsubishi Heavy Industries, LTD</p>	<p>The Business Case for CCS Projects under Current Canadian Incentives</p> <p>Brendan Cooke, Rystad Energy</p>	<p>Using Containment Risk Analysis to Build Cost-effective MMV Plans</p> <p>Shelagh Baines, Halliburton</p>	<p>Solvent Reclamation & Recycling in Post-Combustion Carbon Capture Systems</p> <p>Walid ElMoudir, ChemProcess Consulting & Services Ltd</p>
12:30 PM	<p>M2C Technology - Utilization in CCUS Applications</p> <p>Anurag Sharma & Anuj Jain, Innomotics/Siemens</p>	<p>Surface Screening and Stakeholder Engagement – The Secrets to CCS Success</p> <p>Colleen Sherry, GLJ</p>	<p>Multi-Technology Imaging for Efficient & Effective MMV Plans</p> <p>Andrea Crook, OptiSeis Solutions Ltd.</p>	<p>Recent Challenges in CCS Communications</p> <p>Norm Sacuta, PTRC Sustainable Energy</p>
	<p>Session Chair: Maryam Mkhani, Worley</p>	<p>Session Chair: Nancy Bhardwaj, CFER Technologies</p>	<p>Session Chair: Stephen Arseniuk, Pathways Alliance</p>	<p>Session Chair: Marianna Trujillo, Exergy Solutions</p>
1:30 PM	<p>Compressed Air Systems 101</p> <p>Darren Pettis, Wiseworth Canada Industries</p>	<p>Bridging the Gap: Leveraging Lessons from Conventional Sites for Resilient Corrosion, Integrity, and Sustainability Management in Carbon Capture Projects</p> <p>Monica Hernandez, Infinity Growth</p>	<p>Pathways Proposed CO2 Transportation Network and Storage Hub Project</p> <p>Dale Waters, Canadian Natural</p>	<p>Accelerating Towards Net-Zero: Empowering Energy Sustainability and CCUS Systems with Simulation-Based Digital Twins</p> <p>Nima Bohlooli Arkhazloo, Ansys</p>
2:30 PM	<p>Over-Simplification of Subsurface Plume Modeling: A Cautionary Tale</p> <p>Joe Mello, NSAI</p>	<p>Workflow for CCS Subsurface Evaluation</p> <p>Dickson Lee, Big Guns Energy Services Inc. (BGES)</p>	<p>Carbon Capture Feasibility from Compressor Exhaust Streams</p> <p>Forrest Churchill, CANUSA EPC</p>	<p>CO2 Capture and Management Solutions</p> <p>Brian Barry, Axens</p>
3:30 PM DAY 2 OF KNOWLEDGE BARS CONCLUDES				