



BUILDING RESILIENCE

Construction Owners Association of Alberta Best Practices Conference

May 18 & 19, 2021

DAY 1 – May 18, 2021

Projects Building Economic Resilience

8:00 – 8:15 a.m.	WELCOME & OPENING REMARKS/SAFETY MOMENT: Ryan Jackson , President COAA SPONSORED BY BIRD
8:15 – 9:00 a.m.	KEYNOTE ADDRESS: Project 5.0 the Future of Capital Projects Prakash Parbhoo , Partner & Global Leader for Digital, Analytics & Alliances in Capital Projects, McKinsey (based in Johannesburg) SPONSORED BY FLUOR
9:00 – 9:30 a.m.	Global Energy Perspective on the Future of Construction John Rovers , Future of Construction Lead, Royal Dutch Shell (based in the Hague) SPONSORED BY EAVOR
9:30 – 9:45 a.m.	BREAK
9:45 – 10:15 a.m.	Heartland Petrochemical Project: Canada’s first integrated propane dehydrogenation & polypropylene complex Bernard Perron , SVP Projects and Operations Services, IPL
10:15 – 10:45 a.m.	The Power to Change the Future: Growth of Solar and Wind Construction Jamey Fitzgibbon , EVP Construction & Engineering, BluEarth Renewables SPONSORED BY KIEWIT and CAPITAL POWER
10:45 – 11:15 a.m.	Building a Hydrogen Economy Michael Heath , Manager Contract Construction, ATCO Group

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11:15 – 11:30 a.m.	BREAK
11:30 – 12:15 p.m.	LNG Canada: Reflections about Resilience and the Future of Major Projects in Canada Steve Corbin , Executive Project Director, LNG Canada & COAA Interim Executive Director, Nadine Barber SPONSORED BY LEDCOR
12:15 – 12:45 p.m.	Michael Davies , Chief Operating Officer, Trans Mountain Corporation
12:45 – 1:15 p.m.	Alberta's Recovery Plan Doug Schweitzer , Minister Jobs, Economy & innovation, Government of Alberta
1:15 – 1:45 p.m.	Economic Outlook for Alberta Catherine Rothrock , Chief Economist, Alberta Treasury Board SPONSORED BY GRAHAM & LEDCOR
1:45 – 1:55 p.m.	CLOSING REMARKS DAY 1 – Ryan Jackson , President COAA
1:55 – 3:00 p.m.	Virtual Exhibit Hall – live and on-demand demos/information from select vendors.

Day 2 – May 19, 2021

8:00 – 8:15 a.m.	Opening Remarks & Safety Moment – Ryan Jackson , President COAA SPONSORED BY BIRD
8:15 – 9:15 a.m.	KEYNOTE PANEL: The Journey to a True Safety Culture Mark Banham , Canadian Capital Projects Manager, Conoco Phillips Canada Carlo Marengo , Director Construction & Fabrication, Fluor Canada Greg Kelly , Manager Canadian, Global Business Development Projects and Power Health & Safety, Enbridge Moderator: Ryan Jackson
9:15 – 9:30 a.m.	BREAK

	TRACK 1 Responding to Black Swan events	TRACK 2 Building a Resilient Future	TRACK 3 Innovation in Construction Forum
9:30 – 10:00 a.m.	<p>Industry response to a pandemic: building Best Practices in real time Healthy + Productive Sites (COAA Committee) Suzanne Checkryn, Director Prairies, REVAY Chris McCullough, District HSE Manager, PCL Construction Larry Staples, COAA</p> <p>SPONSORED BY SYNCRUDE</p>	<p>Merging two cultures: Case study from Bird/Stuart Olsen Peter Lineen, EVP Health, Safety & the Environment, Bird Nidal Naaman, HSE Director, Bird</p> <p>SPONSORED BY BIRD</p>	<p>The Construction Innovation Centre (CIC): Research Driving Change Dr. Aminah Robinson Fayek, Director of CIC, Professor, University of Alberta Mr. Travis Chorney, Chair of CIC Executive Management Committee; Senior Vice President, PCL Industrial Management Inc.</p>
10:00 – 10:30 a.m.	<p>Responding to COVID-19: Rapid testing at the job site Todd Moroz, Manager Compression TC Energy Kieran Bradshaw, Operations Manager, Onyx</p>	<p>Geothermal: innovation and opportunity in Alberta Chris Cheng, Senior Development Engineer, EAVOR</p>	<p>Harnessing Data to Drive Safety Performance Dr. Lianne Lefsrud, Assistant Professor, Lynch School of Engineering Safety and Risk Management, University of Alberta Jim Kanerva, General Manager, Carry Steel</p>
10:30 – 10:45 a.m.	BREAK		
10:45 – 11:45 a.m. (double session Track 1)	<p>Resilient Leadership: Perspectives from the Frontline and Fundamental Leaders Joe Turchyn, Syncrude Winifrey Valencia, TC Energy Ana Villarreal, TC Energy Nicole Morin, University of Alberta Hospital</p> <p>Moderated by Ashley Mathew, Heartland Area Manager, TC Energy</p>	<p>10:45 – 11:15 a.m.</p> <p>Traceability & Data Integrity in Pipelines Komal Walsh, Facilities Construction Engineer/Liza Tsimbal, Supply Chain Manager, Cenovus</p>	<p>Revitalizing the Engineering Science of Masonry, Brick by Brick: Development of Enhanced Systems for Sustainable Masonry Infrastructure Carlos Cruz-Noguez, Associate Professor, MCAA Endowed Chair in Masonry Systems Dr. Mark Hagel, Director of Engineering, Alberta Masonry Council, Halcrow Yolles</p>

11:15 –11:45 p.m.	<p>& Robin Kudding, Schedule Planner, Cenovus Energy</p> <p>SPONSORED BY EAVOR</p>	<p>Advance Work Packaging (COAA Committee)</p> <p>Glen Warren, Committee Co-Chair Larry Staples, COAA</p> <p>SPONSORED BY KIEWIT</p>	<p>Robotic Solutions for Factory-Based Construction</p> <p>Ying Hei Chui, Professor, Director of the Nasser School of Engineering and Building Science, University of Alberta</p> <p>Jessy Kang, Professor, Nasser School of Engineering and Building Science, University of Alberta</p> <p>Haitao Yu, R&D Lead, Landmark Group of Companies</p>
BREAK			
12:00 – 12:30 p.m.	<p>Building Digital Capacity and Business Resiliency (title TBC)</p> <p>Chris Foster, VP IS & CIO TC Energy</p>	<p>Collaborative Contracting (COAA Committee)</p> <p>Richard Venerus, Venerus Advisory Partners/Committee Co-Chair</p> <p>SPONSORED BY BIRD</p>	<p>The Resilience of Cities</p> <p>Dr. Ursula Eicker, Canada Excellence Research Chair, Next-Generation Cities Institute, Concordia University</p>
12:30 – 1:00p.m.	<p>Tim Sweet, Founder & Principal, Team Work Excellence Consulting</p>	<p>Guarding against failure: Five pillars of Major Project Success</p> <p>Zach Parston, Senior Manager, Global Infrastructure KPMG</p> <p>SPONSORED BY SYNCRUDE</p>	<p>Designing and Building Resilience</p> <p>Dr. Fenioski A. Peña-Mora, Edwin Howard Armstrong Professor of Civil Engineering and Engineering Mechanics, Columbia University, NYC</p> <p>Edwin Howard Armstrong, Professor of Civil Engineering and Engineering Mechanics/Earth & Environmental Engineering/Civil Engineering & Mechanics, Columbia University, NYC</p>
1:00 – 1:15 p.m.	Closing remarks – Ryan Jackson , President COAA		