



## 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: <b>Ryan Jackson</b> , President COAA
8:15 – 9:00 a.m.	<p><b>KEYNOTE ADDRESS: Project 5.0 the Future of Capital Projects</b>  <b>Prakash Parbhoo</b>, Partner &amp; Global Leader for Digital, Analytics &amp; Alliances in Capital Projects, McKinsey (based in Johannesburg)</p> <p>SPONSORED BY FLUOR</p>
9:00 – 9:30 a.m.	<p><b>Global Energy Perspective on the Future of Construction</b>  <b>John Rovers</b>, Future of Construction Lead, Royal Dutch Shell (based in the Hague)</p>
9:30 – 9:45 a.m.	<b>BREAK</b>
9:45 – 10:15 a.m.	<p><b>Heartland Petrochemical Project: Canada’s first integrated propane dehydrogenation &amp; polypropylene complex</b>  <b>Bernard Perron</b>, SVP Projects and Operations Services, IPL</p>
10:15 – 10:45 a.m.	<p><b>The Power to Change the Future: Growth of Solar and Wind Construction</b>  <b>Jamey Fitzgibbon</b>, EVP Construction &amp; Engineering, BluEarth Renewables</p> <p>SPONSORED BY KIEWIT</p>
10:45 – 11:15 a.m.	<b>TBC</b>

11:15 – 11:30 a.m.	<b>BREAK</b>
11:30 – 12:15 p.m.	<b>LNG Canada: Reflections about Resilience and the Future of Major Projects in Canada</b> <b>Steve Corbin</b> , Executive Project Director, LNG Canada & COAA Interim Executive Director, Nadine Barber  SPONSORED BY LEDCOR
12:15 – 12:45 p.m.	<b>Economic Outlook for Alberta</b> <b>Catherine Rothrock</b> , Chief Economist, Alberta Treasury Board  SPONSORED BY GRAHAM & LEDCOR
12:45 – 1:15 p.m.	<b>Alberta’s Recovery Plan - Government of Alberta</b>
1:15 – 1:30 p.m.	CLOSING REMARKS DAY 1 – <b>Ryan Jackson</b> , President COAA
1:30 – 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 – <b>Ryan Jackson</b> , President COAA		
8:15 – 9:15 a.m.	<b>KEYNOTE PANEL: The Journey to a True Safety Culture</b> <b>Mark Banham</b> , Canadian Capital Projects Manager, Conoco Phillips Canada <b>Carlo Marengo</b> , Director Construction & Fabrication, Fluor Canada <b>Greg Kelly</b> , Manager Canadian, Global Business Development Projects and Power Health & Safety, Enbridge Moderator: Ryan Jackson		
9:15 – 9:30 a.m.	<b>BREAK</b>		
	<b>TRACK 1</b> Responding to Black Swan events	<b>TRACK 2</b> Building a Resilient Future	<b>TRACK 3</b> Innovation in Construction Forum

9:30 – 10:00 a.m.	<p><b>Industry response to a pandemic: building Best Practices in real time</b> Healthy + Productive Sites (COAA Committee)</p>	<p><b>Merging two cultures: Case study from Bird/Stuart Olsen</b> <b>Peter Lineen</b>, EVP Health, Safety &amp; the Environment, Bird <b>Nidal Naaman</b>, HSE Director, Bird</p> <p>SPONSORED BY BIRD</p>	<p><b>The Construction Innovation Centre (CIC): Research Driving Change</b> <b>Dr. Aminah Robinson Fayek</b>, Director of CIC, Professor, University of Alberta <b>Mr. Travis Chorney</b>, Chair of CIC Executive Management Committee; Senior Vice President, PCL Industrial Management Inc.</p>
10:30 – 11:00 a.m.	<p><b>Responding to COVID-19: Rapid testing at the job site</b> <b>Todd Moroz</b>, Manager Compression TC Energy <b>Kieran Bradshaw</b>, Operations Manager, Onyx</p>	<p><b>Geothermal: innovation and opportunity in Alberta</b> <b>Chris Cheng</b>, Senior Development Engineer, EAVOR</p>	<p><b>Harnessing Data to Drive Safety Performance</b> <b>Dr. Lianne Lefsrud</b>, Assistant Professor, Lynch School of Engineering Safety and Risk Management, University of Alberta <b>Jim Kanerva</b>, General Manager, Carry Steel</p>
11:00 – 11:15 a.m.	<b>BREAK</b>		
11:15 - 11:45 a.m.	<p><b>Attracting &amp; Developing Talent During a Pandemic</b></p> <p><b>FLIC (Fundamental Leaders In Construction)</b></p>	<p><b>Traceability &amp; Data Integrity in Pipelines</b> <b>Komal Walsh</b>, Facilities Construction Engineer/<b>Liza Tsimbal</b>, Supply Chain Manager, Cenovus <b>Jeff Boyle</b>, VP Marketing &amp; Business Development, Vintri Technologies</p>	<p><b>Revitalizing the Engineering Science of Masonry, Brick by Brick: Development of Enhanced Systems for Sustainable Masonry Infrastructure</b> <b>Carlos Cruz-Noguez</b>, Associate Professor, MCAA Endowed Chair in Masonry Systems <b>Dr. Mark Hagel</b>, Director of Engineering, Alberta Masonry Council, Halcrow Yolles</p>
11:45 –12:15 p.m.	<p><b>Perspective from the front line</b> <b>Nicole Morin</b>, Occupational Therapist</p>	<p><b>Advance Work Packaging</b> (COAA Committee)</p>	<p><b>Robotics in Construction: The Latest Innovations</b> <b>Dr. Ying Hei Chui</b>, Professor, Director,</p>

		SPONSORED BY KIEWIT	Nasseri School of Engineering and Building Science, University of Alberta
12:15 – 12:30p.m.	<b>BREAK</b>		
12:30 – 1:00 p.m.	<b>TBC</b>	<b>Collaborative Contracting</b> (COAA Committee) <b>Richard Venerus</b> , Venerus Advisory Partners/Committee Co-Chair  SPONSORED BY BIRD	<b>TBA</b> <b>Dr. Fenioski A. Peña-Mora</b> , Edwin Howard Armstrong Professor of Civil Engineering and Engineering Mechanics, Columbia University in the City of New York
1:00 – 1:30p.m.	<b>Enabling Remote Engineering &amp; Maintenance Planning</b> Imperial Oil Kearn Project  SPONSORED BY GRAHAM	<b>Guarding Against Failure: Project Governance</b> <b>Zach Parston</b> , Senior Manager, Global Infrastructure KPMG	<b>The Resilience of Cities</b> <b>Dr. Ursula Eicker</b> , Canada Excellence Research Chair, Next-Generation Cities Institute, Concordia University
1:30 – 1:45 p.m.	Closing remarks – <b>Ryan Jackson</b> , President COAA		