

# LCBA Canada Third Challenge Pitch Event - Agenda

## Day 1: March 1, 2022



Time				Activity		
(PT)	(MT)	(ET)	(CET)	CHANNEL 1	CHANNEL 2	CHANNEL 3
Opening Remarks						
07:00	08:00	10:00	16:00		<b>Challenge Pitch Session 1: Walker Industries: Biosolids upcycling</b> Walker Environmental is seeking solutions to convert biosolids (wastewater residuals) to agricultural fertilizer and/or other beneficial end-products. Solutions will help Canadian municipalities reduce emissions resulting from biosolids disposal, and provide the agricultural industry with low carbon non-fossil fuel fertilizers	<b>Challenge Pitch Session 2 City of Toronto: Residential in-building Renewable Energy Generation</b> The City of Toronto is seeking innovative solutions that will increase in-building (i.e., standalone) renewable energy generation. Buildings currently generate approximately 50% of Toronto's greenhouse gas (GHG) emissions. For Toronto to achieve its net zero goals by 2050 any new, large district within Toronto must strive to be a zero-emission development.
08:15	09:15	11:15	17:15			<b>Challenge Pitch Session 3 VEC   City of Vancouver: Urban Rainwater Run-off Reuse</b> The City of Vancouver is seeking innovative, novel ideas that address key challenges around its sustainability goals, particularly its Rain City Strategy. The City is looking for green rainwater infrastructure solutions that will retain and treat urban run-off
09:30	10:30	12:30	18:30	<b>Challenge Pitch Session 4: Combination of 2 challenges VEC   Translink: a) Operational Energy Reduction for Transport Buildings</b> TransLink is seeking innovative ideas that address key challenges regarding building energy efficiency and energy		
11:00	12:00	14:00	20:00			

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				<p>management to reduce GHG emissions from their facilities. Building efficiency and energy management solutions could apply to a wide range of Translink infrastructure and assets, including bus depots, seabus terminals and rapid transit stations.</p> <p><b>b) Regional Transport Decarbonisation</b>            Transportation accounts for over 35% of all greenhouse gas (GHG) emissions in Metro Vancouver. TransLink is seeking innovative ideas that address key challenges regarding fleet energy optimization and scheduling to reduce emissions.</p>		

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## Day 2: March 2, 2022



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(PT)	(MT)	(ET)	(CET)	CHANNEL 1	CHANNEL 2	CHANNEL 3
06:00	07:00	09:00	15:00		<b>Challenge Pitch Session 5: City of Toronto: Community Scale Residential Energy Storage</b> The City of Toronto is seeking innovative ideas that support the integration of community-scale renewable energy systems, specifically community-scale energy storage solution.	
07:00	08:00	10:00	16:00			
08:15	09:15	11:15	17:15	<b>Challenge Pitch Session 6 VEC   Fortis BC: Residential EV Charging Optimisation</b> FortisBC is seeking innovative ideas that increase visibility of residential electric vehicle (EV) loads, help reduce barriers for customers to install EV home charging and improve charging accessibility in rural and remote communities. Additional EV charging infrastructure is critical to advance the adoption of EVs in British Columbia to help reduce emissions.	<b>Challenge Pitch Session 7 BC Ferries: Vessel on-board Energy Reduction</b> BC Ferries is seeking technical solutions that will enable to incrementally reduce the onboard energy requirements needed to safely operate its vessels. BC Ferries must reduce the overall energy required to operate the vessels	
09:30	10:30	12:30	18:30			<b>Challenge Pitch Session 8:</b> Combination of 2 challenges <b>VEC   City of Vancouver:</b> a) <b>Municipal Waste Reduction and Reuse</b> The City of Vancouver is seeking innovative, functional and scalable solutions that will help eliminate the disposal of waste (solid and organic) to landfill and incinerators b) <b>Low Carbon Construction Materials and Equipment</b>

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						<p>The City of Vancouver is seeking innovative ideas that address the low-carbon construction requirements of the future, focusing on low embodied carbon construction materials for buildings and low emission equipment on construction sites. In Vancouver, embodied carbon from new building accounts for approximately 179,500 tonnes of carbon emissions every year.</p>

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## Day 3: March 3, 2022



Time				Activity		
(PT)	(MT)	(ET)	(CET)	CHANNEL 1	CHANNEL 2	CHANNEL 3
07:00	08:00	10:00	16:00	<p><b>Challenge Pitch Session 9: SPA Aqua Prima: Nutrient Recycling &amp; Bioremediation Solutions</b></p> <p>SPA Aqua Prima is seeking innovative solutions; specifically, biofiltration technologies for outdoor open surface waters and for indoor pools. The high concentrations of organic loads in surface waters from domestic and agricultural run-off are resources that could be harvested and recycled into products that improve crop yields and add value to crop resources for communities.</p>		<p><b>Challenge Pitch Session 10 Alberta Lung Association: Indoor Air Quality Solutions   Breathing space</b></p> <p>The Alberta Lung Association is looking for unprecedented solutions in Canada, which would work to provide the cleanest air possible for recovering lung transplant patients. This challenge is seeking cutting edge and wholistic solutions for clean air.</p>
08:15	09:15	11:15	17:15		<p><b>Challenge Pitch Session 11: SPA Aqua Prima: Energy Reduction for Wellness Facilities</b></p> <p>SPA Aqua Prima is seeking innovative ideas that support renewable energy integration into health and wellness facilities, such as spas, saunas and pools; specifically seeking the use of waste heat and waste steam, biomass heating and solar thermal solutions.</p>	
09:30	10:30	12:30	18:30	<p><b>Challenge Pitch Session 12 VEC   City of Vancouver: EV Charging Infrastructure</b></p> <p>The City of Vancouver is seeking innovative ideas that support the City's pursuit of zero-emission fleets including EV charging solutions. In Vancouver, burning gas and diesel in vehicles accounts for 39% of GHG emissions.</p>		