

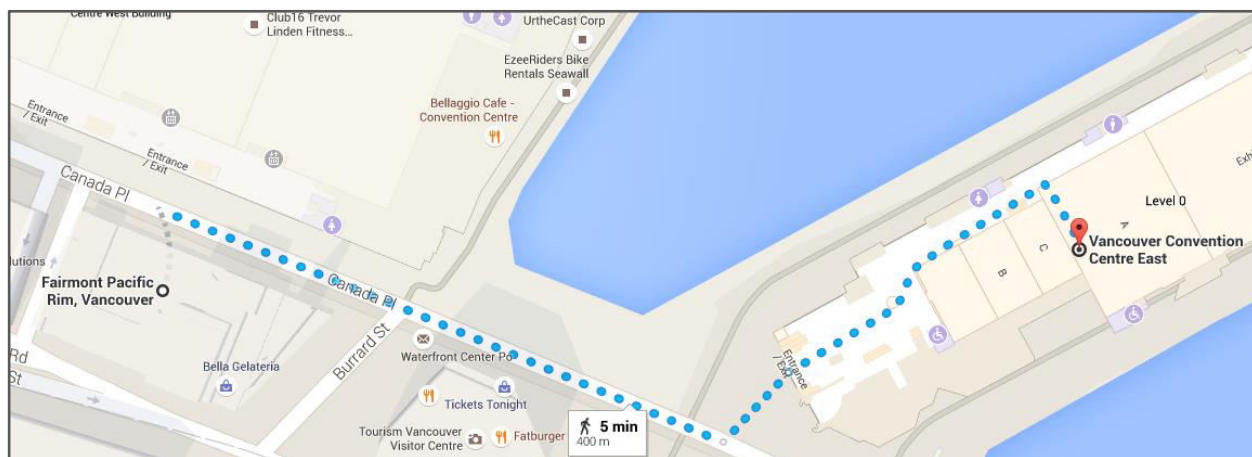
Alberta Innovation: Partnering for Global Solutions

Venue: Emerald Ball Room, Fairmont Pacific Rim Hotel, 1038 Canada Place, Vancouver
Date: March 2nd, 2016
Time: 2:00PM-5:00PM

Registration Requested: Please RSVP to Jessica Ambler (Jessica.Ambler@gov.ab.ca)

Innovation will be key to enabling a successful transition to a low-carbon economy. Alberta is paving the way with a Climate Leadership Plan that will see the phase out of pollution from coal electricity and the introduction of a \$30 per tonne economy-wide carbon price that will be used, in part, to stimulate innovation. This panel will showcase Alberta's leading organizations that are driving technical innovation in the province and around the world. Major themes to be explored include energy storage, carbon capture and utilization, advanced data analytics, sustainable waste management, and bioindustrial innovation. How can Alberta expertise be applied in your jurisdiction? How can your organization partner with Alberta to accelerate commercialization and enable Alberta's transition?

Agenda	
2:00-2:30	Informal Networking - Coffee to be served
2:30-2:50	Welcome, Introductions & Overview of Alberta's Innovation System Justin Riemer Assistant Deputy Minister, Alberta Economic Development and Trade
2:50-3:00	Q&A Alberta's Innovation Story: four case studies
3:00-3:20	Carbon Utilization Steve MacDonald (CCEMC) introducing: Steve Petrone, CEO, Quantiam
3:20-3:40	Analytics and Monitoring Brent Lakeman (AITF) introducing: Steve Liang, CEO, SensorUp
3:40-4:00	Energy Storage Mark Summers (AIEES) introducing: Eguana, CTO, Brent Harris
4:00-4:20	Sustainable Waste Management Susan Wood Bohm (AIBio) introducing: Dave McConnell, Vice President, Enerkem
4:20-5:00	Q&A and Networking - Light appetizers to be served



Dr. Steve Petrone, Founder and CEO, Quantiam Technologies Inc.



Steve Petrone is the Founder and CEO of Quantiam Technologies Inc., an Edmonton company developing and commercializing disruptive products based on Advanced Materials, Catalysis, Coatings and Surfaces. Prior to Quantiam, Dr. Petrone worked at Dofasco, Stelco, and Sherritt as part of the Westaim initiative. Dr. Petrone has spent the last 24 years developing new technology businesses in Edmonton. He has over 30 years of corporate and entrepreneurial experience in R&D, Manufacturing, New Product Innovation, Business Development and Marketing and has extensive worldwide business relationships across a broad range of industry sectors. To-date, he has led over 900 person years of research and commercialization efforts, raised over \$80M of investments, and commercialized new products with total direct investments of over \$190M. In 2011, Quantiam launched a new company with BASF of Germany, BASF Qtech Inc., to jointly commercialize a core Cleantech technology for the Petrochemical sector.



Dr. Steve Liang, Founder and CEO, SensorUp Inc.



Steve Liang is a researcher, teacher and entrepreneur. He is currently an associate professor at the University of Calgary in Canada, and from 2011-2014, held the AITF-Microsoft Industry Research Chair on the Open Sensor Web. Steve is also the founder and CEO of SensorUp. Steve's goal is to disrupt the silos of the Internet of Things and to empower anyone to build interoperable connected applications. Steve is currently the Standard Working Group Chair of the Open Geospatial Consortium SensorThings API and the Rapporteurs of the ITU-T's Study Group 11/Q12 on the Internet of Things test specifications. Steve received his Ph.D. degree in Geographical Information Systems from Canada (York University, 2007). During his Ph.D. study, he also contributed to the development of one of the first virtual globe systems in the world, called GlobeView. GlobeView was later commercialized by GeoTango Corp., and subsequently acquired by Microsoft in 2005.



Brent Harris, Vice President, Product Development, Chief Technology Officer, Eguana



Brent Harris is the Chief Technology Officer and founder of Eguana Technologies, the leading supplier of power control systems for residential and commercial energy storage systems. Brent is an inventor of the Company's technologies, has led the commercialization of its products, and now leads Eguana's sales and marketing team. He has a passion for decentralized energy, solar and storage. He is an active proponent of changes to Alberta's electric system that will enable greater adoption of decentralized and renewable energy technologies. Brent is a graduate of Queens' University in Applied Science, Electrical Engineering, and was selected as one of Calgary's Top 40 Under 40 by Avenue Magazine in 2009. He is currently the chair of Decentralized Energy Canada, an industry association supporting innovation and commercialization in Canada's decentralized energy sector.



David McConnell, Vice President, Business Development, North America, Enerkem



David McConnell joined Enerkem's management team as Vice President, Business Development, North America, in April 2015. He has over 25 years of experience in operations, sales and procurement in the solid and hazardous waste industry. Mr. McConnell was most recently Vice President of Supply Chain at Waste Management, where he was responsible for the alignment of corporate functions and field operations. In his prior position, Mr. McConnell was Area Vice President overseeing the financial and operations of the Waste Management of North Florida and Puerto Rico. The Area consisted of solid waste hauling operations, transfer stations, landfills, material recovery facilities and business development. He has held various positions in the hazardous and solid waste industry across the United States, Puerto Rico, Canada and Mexico. Mr. McConnell holds a Bachelor of Science degree in Biochemistry from Louisiana State University.

