

Russia Canada Business Council / CERBA Conference

Natural Resources Working Group: *Cleantech in Mining, Metals and Oil & Gas*

Reducing our carbon footprint in mining and metals: How to build a decarbonization strategy and roadmap

Presenter: Dr. Trevor Bergfeldt

Hatch Ltd, 2800 Speakman Drive, Mississauga, Ontario, L5K 2R7, Canada



Company Profile

Hatch is a leading international engineering consulting and professional services firm that is passionately committed to the pursuit of a better world through positive change. Our global network of over 9000 professionals tackles the world's toughest challenges. Climate change is one of those challenges and has become increasingly important to our clients. Hatch has the opportunity to play an important role in finding and implementing solutions to climate change challenges.

Our response has been to assemble a dedicated Climate Change business practice that combines our deep technical knowledge and extensive client project experience with experts in climate change and clean technologies to help our clients mitigate their greenhouse gas (GHG) emissions, and to adapt to the transitional and physical changes brought on by climate change.

About the Topic

With a fifth of the world's largest companies now committed to net zero, including many mining, metals and oil & gas companies, setting a net zero target is an important first step. Delivering on that commitment while taking advantage of opportunities requires a credible plan to set priorities and execute a robust, multi-year decarbonization program amidst a rapidly evolving policy and regulatory landscape.

This presentation provides an overview of global decarbonization drivers and presents a proven methodology to identify, prioritize and execute a portfolio of initiatives to achieve GHG and energy reduction targets. Examples will be given to provide an understanding of the effort required and commitment of the many stakeholders who will have to work together across the value chain to achieve our collective net-zero ambitions.

Presenter Profile

Dr Trevor Bergfeldt is the Global Director of Decarbonization at Hatch and brings over 20 years of experience in project delivery, business and technology development, operations management, resource efficiency and the circular economy. He holds BSc and PhD degrees in Chemistry from the University of Saskatchewan, Canada.

Trevor started his career with Cominco (now Teck Resources) at the largest fully integrated lead/zinc smelter with roles in applied research, technical support, production engineering and project management. He spent the next decade leveraging that experience to deliver innovative technical solutions to sustainability challenges in management and executive roles with Tenova Delkor and Emew Clean Technologies. Trevor joined Hatch in 2019 to help fight climate change by accelerating industry's transition to a low carbon economy and is project director for several decarbonization strategy assignments for metals and mining clients, including Glencore, International Council on Mining and Metals, Minerals Council of Australia, Ternium, and Vale.