



# Canada Invests in Clean CO<sub>2</sub> Conversion Technology

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From: [Natural Resources Canada](#)

## News release

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Canada

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Natural Resources

By harnessing innovation and creativity, the Government of Canada is developing natural resources more sustainably, growing the economy and creating cleaner energy options to transition to a low-carbon future. Our government understands that investments in clean technology drive sustainable prosperity and reduce pollution.

Canada's Minister of Natural Resources, the Honourable Amarjeet Sohi, today announced a \$2-million investment in [Quantiam Technologies Inc.](#) to complete a carbon capture, storage and use technology that will reduce greenhouse gas emissions and generate clean tech jobs.

This funding builds on the \$1.15 million already invested in Quantiam last year through Natural Resources Canada's [Energy Innovation Program](#), bringing the total investment to \$3.15 million.

It will enable Quantiam to complete a technology prototype that will convert carbon dioxide and solar hydrogen to methanol. The CO<sub>2</sub> [Conversion to Methanol](#) project will ultimately result in fewer emissions and promote job creation and training in the clean tech sector.

Through [Generation Energy](#), Canada's national energy dialogue, Canadians expressed that they want to see Canada continuing to be a leader in the transition to a clean growth economy. Canada will continue to support clean tech initiatives that create jobs for the middle class, advance Canadian industry competitiveness, clean our air and act on climate change.

## Quotes

“This project leverages today’s traditional resources to deliver tomorrow’s clean energy solutions. Developing and adopting clean technologies will help Canada meet its domestic and international climate change commitments and help maintain our natural resource advantage for years to come.”

*Amarjeet Sohi*

*Canada’s Minister of Natural Resources*

“The additional \$2 million of project funding from Natural Resources Canada will enable critical acceleration of time-to-market for our disruptive Clean Technologies: Captured CO<sub>2</sub>-to-Methanol and Solar Hydrogen. These world-class, leading-edge innovations in the critically important field of climate change mitigation are being developed by Quantiam with support from the research group of Professor Jillian Buriak at the University of Alberta.”

*Dr. Steve Petrone*

*Quantiam CEO and CTO*

“We are proud to work with our industry partner, Quantiam Technologies, as they have deep expertise and decades of experience with regard to applying catalysis to challenges in energy on a global scale. Together, we will translate our laboratory-scale technologies for the generation of clean burning hydrogen fuel to a made-in-Alberta solution that enables Canada's transition to a low-carbon economy.”

*Professor Jillian Buriak*

*Editor-In-Chief for Chemistry of Materials, University of Alberta*

## Related products

- [CO<sub>2</sub> Conversion to Methanol](#)

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