

News Release

For immediate release

Clean Tech Development gets a Boost with Opening of State-of-the-Art Facility and Federal Investment

Sept. 14, 2017 – Richmond, B.C. – A new facility to test carbon capture and conversion technologies is operational thanks in part to investments by the Government of Canada and the Government of British Columbia.

The new BC Research (BCRI) Technology Commercialization and Innovation Centre is home to the Carbon Capture and Conversion Institute (CCCI) and BCRI who together offer a unique blend of experts, pilot plant, and laboratory space for the development of technologies to reduce industrial greenhouse gas emissions.

This venture will help grow Canada's clean tech sector, strengthen the country's position as an innovator in global markets, and create new green-economy jobs at home.

A \$950,000 Government of Canada investment in state-of-the-art equipment for the Carbon Capture and Conversion Institute will help the CCCI to develop and scale up capture and conversion technologies as developers move them closer to market.

In January 2017 the Province of British Columbia contributed \$100,000 from its Innovative Clean Energy Fund to support the purchase of equipment for the facility.

While there are technologies available for capturing carbon in industrial processes, they are cost prohibitive in part because of large energy requirements. Government, industry and academic researchers are working to develop energy-efficient, cost-effective processes for industrial use. For example, the Carbon Capture and Conversion Institute is collaborating with two international organizations which are integrating unique technologies to develop a novel capture system that, if successful, will be less expensive to construct and operate than current processes.

A growing focus in the clean tech development world is conversion – which aims to transform carbon into a variety of commercially valuable products. At the new Technology Commercialization and Development Centre, for instance, researchers are converting biomass material, such as sawdust, into a fuel that could be used as a substitute for diesel. This clean technology will have a positive impact in reducing Canada's overall carbon emissions and optimizing the use of Canada's natural resources.

QUOTES

“These strategic investments from Natural Resources Canada and the Province have allowed the Carbon Capture and Conversion Institute to purchase state-of-the-art process equipment and analytical instruments necessary for clean technology development. We are now able to compete on the world stage and are attracting industry, academic and government developers from across Canada and abroad.”

Goran Vlajnic, Executive Director, Carbon Capture and Conversion Institute

“We are thrilled that the federal government and the Province of B.C. have invested in equipment at this new facility. The strategic focus of the Carbon Capture and Conversion Institute, which is owned and operated by CMC Research Institutes, is on reducing emissions in large-scale industries. This contribution will allow us to accelerate that mission here in Richmond, B.C. while helping grow the Canadian clean tech industry at the same time.”

Sandra Odendahl, President and CEO, CMC Research Institutes

“BC Research has always believed in the value to Canada of being at the forefront of greenhouse gas mitigation and sustainable development. We became a partner to CMCRI in promoting and supporting this concept from its inception and we remain committed to its future success.”

Hassan Hamza, President, BC Research

“By re-imagining carbon, we can create new industries, good jobs and a cleaner energy future. That’s why our government is supporting innovative research across the country. This includes a \$950,000 investment in state-of-the-art equipment and research that could help turn carbon emissions into useful, everyday products.”

Joe Peschisolido, Member of Parliament for Steveston–Richmond East

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Backgrounder

About the Carbon Capture and Conversion Institute cci.cmcghg.com/

The Carbon Capture and Conversion Institute (CCCI) accelerates the development and deployment of innovative cost-effective carbon capture and conversion technologies to reduce large-scale industrial greenhouse gas emissions. The CCCI works with clients to develop new technologies that will economically convert carbon to commercially valuable products. The CCCI is owned and operated by CMC Research Institutes.

About BC Research Inc. www.bcri.ca

BC Research is part of a group of companies vertically integrated to provide clients with a unique technology development and commercialization ecosystem in the industrial area of chemical, petrochemical, and clean-tech processes and technologies. BC Research brings together a multidisciplinary team of scientists and engineers to support clients' goals to move processes and technologies from bench scale to pilot plant scale.

About CMC Research Institutes www.cmcghg.com

The mission of CMC Research Institutes is to support the advancement of technologies to reduce carbon emissions in large-scale industry. The corporation's goal is to move technologies closer to market, thereby growing the Canadian economy, increasing Canada's competitiveness in world markets, and creating a low carbon future. CMC Research Institutes owns and operates the Carbon Capture and Conversion Institute and the Containment and Monitoring Institute.

About Natural Resources Canada www.nrcan.gc.ca

Natural Resources Canada (NRCan) is the Government of Canada department that seeks to enhance the responsible development and use of Canada's natural resources and the competitiveness of Canada's natural resources products. We are an established leader in science and technology in the fields of [energy](#), [forests](#), and [minerals and metals](#) and use our expertise in [earth sciences](#) to build and maintain an up-to-date knowledge base of our landmass.

NRCan develops policies and programs that enhance the contribution of the natural resources sector to the economy and improve the quality of life for all Canadians.

NRCan conducts innovative science in facilities across Canada to generate ideas and transfer technologies. We also represent Canada at the international level to meet the country's global commitments related to the sustainable development of natural resources.

NRCan's [Oil and Gas Clean Tech Program](#) supports development of clean oil and gas technologies, in order to help develop Canada's hydrocarbon resources in sustainable ways.