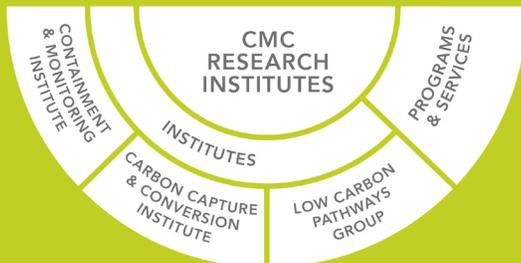


## WHO IS CMC?

CMC Research Institutes (CMC) accelerates the development and scale-up to commercial use of technologies that reduce greenhouse gas emissions from industrial sources. We deliver effective emission reduction solutions to help combat one of the greatest challenges of our times – anthropogenic climate change.

CMC leverages its national and international network of experts to support the innovation efforts of our clients who include technology developers, vendors, end-users, industry, government and academic researchers. We provide the services required to move concepts from lab bench to the field by:

- Operating three research institutes focused on developing technological and policy solutions.
- Identifying and assessing commercially viable early stage technologies.
- Convening and managing consortia to facilitate field pilot programs.
- Providing techno-economic modeling of future scenarios and policy targets.
- Offering project management, program and project design, and scale-up.



CMC is leading the transformation of Canada's industrial economy to thrive in a low carbon world.

Our unique approach encompasses the development of novel technologies as well as the policy and economic landscapes that will allow for the scale-up of new solutions. We aim to streamline and simplify the path from the bench to commercialization so that researchers and technology developers have greater success bringing their products to market.

CMC Research Institutes is actively looking for clients, supporters and collaborative partners for its programs and institutes. We welcome inquiries from researchers, technology developers, end users and stakeholders in industry and government.

### For more information on CMC's Institutes and programs:

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### Pathways to a Low Carbon Future



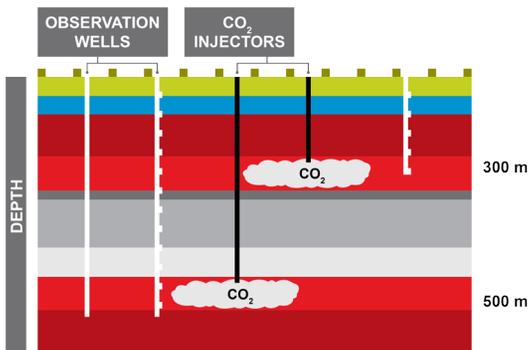


Carbon capture and storage is a key component of greenhouse gas reduction strategies in many countries and it is crucial that commercial operators provide assurance to regulators and the public that CO<sub>2</sub> remains stored securely.

The Containment and Monitoring Institute (CaMI) assists clients in Canada and around the world to develop technologies and protocols for the safe, secure storage of underground fluids, such as CO<sub>2</sub>.

At CaMI's field research station, clients can validate that their equipment is performing to specified standards. The research station, being developed in affiliation with the University of Calgary, has two injection wells at depths of 300 and 500 metres. Each year for the life of the station, small amounts of CO<sub>2</sub> will be injected into the wells.

On-site infrastructure, including observation wells and monitoring stations, provide for the installation and testing of surface and well-based monitoring technologies such as remote sensing equipment, seismic sensors, fibre-optic monitoring equipment, and tilt meters.



The Carbon Capture and Conversion Institute (CCCI) identifies, evaluates and accelerates the development of new technologies to improve the economics of carbon capture and advance the commercialization of new products and markets for carbon.

The CCCI:

- Convenes and manages international consortia to identify and evaluate opportunities.
- Reduces uncertainty to facilitate sound decision-making on the road to commercialization.
- Manages rigorous test and quality assurance plans.
- Assembles teams to develop and manage pilot-scale testing of emerging technologies.

The CCCI / BCRI Technology Commercialization and Innovation Centre offers clients infrastructure to demonstrate, operate, test and analyze innovative capture and conversion technologies capable of handling up to 1 tonne of CO<sub>2</sub> per day.

The CCCI is a collaborative partnership between CMC Research Institutes, the University of British Columbia and BC Research Inc. and its parent company NORAM Engineering and Constructors.



The Low Carbon Pathways Group (LCPG) is a leader in Canadian climate policy, conducting original analysis and modeling to help governments, industry, and regulatory bodies identify impacts of decisions on markets and Canadian competitiveness.

Experts at the LCPG work with clients to customize well-validated national models to produce fine-tuned techno-economic and macro-economic scenarios for specific regions and industrial sectors.

## PROGRAMS & SERVICES

CMC offers a comprehensive range of programs and services to help de-risk investment decisions and accelerate technology development.

CMC offers:

- Regional waste energy mapping
- Pilot project siting and management
- Scoping & feasibility studies
- Commercialization support for emerging technologies
- Training and education programs
- Field testing

