



Fast Track your CCS Roadmap.

From storage site selection to injecting CO₂ in complex geologies, CMG equips you with the most advanced and trusted CCS ecosystem, backed by experts who've been delivering CCS projects worldwide since 1998.

One Solution. All Phases. Total Certainty.

Initial Feasibility

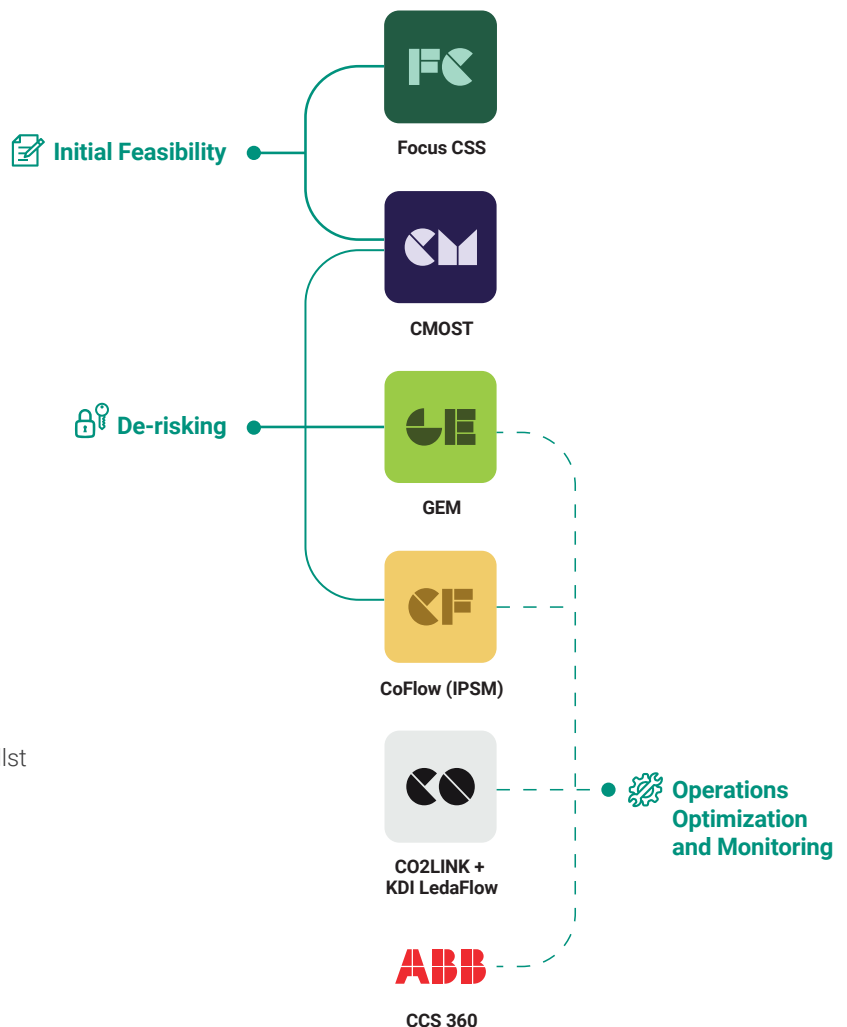
- Geological site selection
- Validate asset viability quickly
- Access more storage capacity

De-risking

- CO₂ trapping mechanism
- CO₂ plume monitor and surveillance
- CO₂ injectivity evaluation
- CO₂ chemical interaction with reservoir fluids
- Probabilistic storage capacity
- Reservoir and cap rock stress evaluation
- Evaluation of potential interference with legacy wellst

Operations Optimization and Monitoring

- Sub-surface to surface modelling
- Well integrity assessment and flow assurance
- Regulatory reporting
- System corrosion monitoring
- MMV (Measurement, Monitoring and Verification)





CMG's CCS Solution Offers



Focus CSS

Rapid feasibility and storage validation in minutes, even for non-specialists.



CMOST

Automated sensitivity and uncertainty analysis supporting optimal project design and rapid permitting.



GEM

Accurately simulate complex physics and chemistry of CO₂ injection into the subsurface to determine near and long-term viability, ultimately reducing the risks to your CCS project.



CoFlow (IPSM)

Asset-wide CO₂ transport and multi-site injection optimization with pipeline, surface network, and wellbore modeling, scalable for multi-cluster hubs.



CO2LINK + KDI LedaFlow

Advanced transient wellbore simulation for safe and stable CO₂ injection start-up, shutdown and system upset planning.



CCS 360

Full operational view of the CCS network from capture to storage with real-time alerts for fault activation, temperature and pressure changes, corrosion conditions, reducing unplanned maintenance and downtime.

You need a partner who's done this before.

Storing CO₂ isn't new to us. We make carbon storage simple, scalable, and regulator

200+

projects around
the world

50+

heavy oil
projects

25+

unconventional
projects

70%

energy transition
projects

40+

years of reservoir
simulation
expertise

350+

citations and
counting

Fully

integrated
modeling, from
injection to
plume contain-
ment

CO₂ Storage isn't optional—are you confident in your solution partner?

Book a demo with us at cmg-sales@cmgl.ca