Global Research Initiative in Sustainable Low Carbon Unconventional Resources

Transforming energy research to fuel a clean energy future.

The Global Research Initiative in Sustainable Low Carbon Unconventional Resources (GRI) is a major vehicle to translate lab-based technology innovations into field-deployable solutions. Focused on collaborative research between the world-class innovators from the University of Calgary and international partners, GRI creates a network of global hubs for discovery, creativity and innovation in unconventional energy research.

Research Collaborations

52 collaborators, partners, supporting organizations spanning 7 countries

ucalgary.ca/gri
Research Capacity

Theme 1: Heavy Oil & Bitumen
With a goal to boost energy efficiency, reduce environmental impact and improve economics.

Theme 2: Tight Oil and Gas
With a goal to mitigate induced seismicity, enhance recovery rate and improve hydraulic fracture design.

Theme 3: CO₂ Conversion
With a goal to reduce the negative environmental impacts of CO₂ and to channel it as a source of unconventional energy.

Cross-Cutting Platform: Technology Assessment
With a goal to provide system-level analysis of emerging technologies for policy development and decision-making.

Driving Innovation. Fueling Results.
Partner with UCalgary and help us transform energy research to fuel a clean energy future. Get started: ucalgary.ca/gri

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