

# Video: Producing heat energy from captured carbon

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Credit: University of Alberta

A geotechnical engineering team led by Rick Chalaturnyk in the University of Alberta's Faculty of Engineering has teamed up with Alberta's first conventional geothermal power project to explore how to use carbon dioxide instead of water to pump heat up from deep below

the Earth's surface.

The partnership between Chalaturnyk's team and Alberta No. 1 is investigating a number of ways to optimize the contribution of the proposed site near Grande Prairie to the province's energy transition.

Provided by University of Alberta

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