

August 2020 – CSUR Tech. Webinar – Geothermal 101

Geothermal 101

The world as we know it is in transition in a myriad of different ways because of significant recent events, some of which we are all still coming to grips with. Similarly, our Oil & Gas Industry is also being forced to undergo some difficult transitions in an ever-evolving energy narrative. With countless speculations and forecasts being generated on a daily basis, where does Geothermal expect to fit in and what type of potential is there for this industry in the overall global energy equation?

To elaborate on the basics of Geothermal and to discuss the future of Geothermal in Canada & globally, John Hirschmiller, a professional geologist with GLJ Ltd., was the featured speaker during CSUR's Technical Webinar Series for August 2020. While there are no existing commercial geothermal (electricity) projects in Canada and minimal (<1%) global contribution to the electrical grid, the potential from this "green" or renewable energy source is significant, according to the speaker.

During the talk, the speaker initially familiarized the attendees with the basics of this energy source and walked through the chronological history & development to present day, including the use of geothermal heat in many prominent European cities. Whether developing geothermal wells conventionally or using enhanced systems (including

closed loop schemes), there are many intricacies involved in designing the most appropriate applications to account for location, geology and overall requirements.

The speaker then focused his presentation on the potential and on-going projects within Canada. In addition to highlighting the key projects, John emphasized the need to establish regulatory protocols and reporting guidelines (similar to those in the oil & gas sector) in order to spur investment into this industry in Canada, especially with geothermal heat projects. Leveraging our experience and knowledge from the oil & gas industry would also be of significant benefit to the geothermal industry in Canada!

ABSTRACT: In the Geothermal 101 Webinar, John Hirschmiller, Geologist, will share his geothermal knowledge and discuss the Canadian geothermal industry. He'll share insights on how conventional geothermal along with technological advancements from the oil & gas industry can help bring investment back to oil & gas-producing provinces to create jobs and build a more sustainable tomorrow.

PRESENTER: John Hirschmiller, GLJ Ltd.

John Hirschmiller, P. Geo. is a Geologist at GLJ Ltd. He has experience working on six continents creating geological interpretations used for reserves and resource reporting, A&D and quantification of geological risk. Over the last few years, he has applied his oil and gas knowledge to projects in the geothermal industry. His geothermal experience includes mapping basin wide geothermal potential to generating geothermal prospects, and recently he aided Eavor with their EavorLite Pilot project.



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August 27, 2020 | 10:00 am - 10:40 am
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"Geothermal 101"

By John Hirschmiller,
GLJ Ltd.

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