

## YOU DON'T HAVE TO HUG A TREE TO PARTICIPATE IN THE RENEWABLE ENERGY INDUSTRY! IN FACT, WE NEED "YOUR" TECHNOLOGY TRANSFER.

CanGEA champions Geothermal energy for many reasons that prominently include its ability to **synergize with the upstream Oil and Gas sector**. While the exploration and development of Geothermal reservoirs use techniques and technologies nearly identical to the Oil and Gas industries, Geothermal is a clean and renewable source of power and heat derived from deep underground brine reservoirs. When the reservoirs are tapped, the thermal energy is used to drive electrical turbines in a manner similar to existing Coal and Natural Gas power plants - without any of the polluting greenhouse gas emissions. Even without electrical production, the hot reservoirs can be used profitably for commercial heat.

Canadian businesses are industry leaders in **prospecting and developing subsurface reservoirs** but the industry is under downward pressure. The Canadian Association of Oilwell Drilling Contractors reports that significant numbers of rigs have gone idle since the oil downturn began. The rigs, their crews, and the greater oilfield service industry can only benefit if they can target a new resource and diversify.

To assist with that diversification, CanGEA sees Geothermal as a socially conscious, and **profitable way to redeploy existing Canadian expertise** toward the sustainable future Canadians are demanding of themselves and their elected governments. Right now, Canadian service companies can market themselves to the existing global geothermal industry that operates in 82 countries. In this way, we can help re-deploy Canada's geoscience based knowledge industry into a new and growing market.

Towards that end, CanGEA is organizing a **trade mission**. It will be held in Iceland in April 2016. The details can be found here: <http://www.cangea.ca/cangea-events/explore-geothermal-energy-in-iceland>.

To complement that trade mission, we are preparing a **Skills Profile** of member companies that will be marketed immediately to perform **matchmaking with the international and pan-Canadian deal flow that is on the rise**.

Membership fees directly support our efforts to unlock Canada's tremendous geothermal energy potential. We are actively seeking support from individuals or companies who:

- may have technologies that could be brought into the geothermal sector
- want to advance geothermal energy with Canada's "oil & gas" expertise
- are a part of the geothermal supply chain that can bring value to the industry and themselves

Visit our [member directory](#) and see how you can participate in the Supply Chain. CanGEA member [categories](#) offer an opportunity for every company to participate. (**Best new member value is the Fumarole membership.**)

The Canadian Geothermal Energy Association (CanGEA) is the collective voice of Canada's geothermal energy industry. As a non-profit industry association, we represent the interests of our member companies with the primary goal of unlocking the country's tremendous geothermal energy potential. Geothermal energy can provide competitively priced, renewable, round-the-clock energy to the Canadian and U.S. markets.