

Advancing agile regulatory systems for clean innovation



**Smart Prosperity
Institute**

institute.smartprosperity.ca

Summary – Key Barrier to Growth

Clean tech economy has both supply & demand issues. On supply side, regulatory system can be a barrier to innovation.

GOAL: Lessen inadvertent regulatory burden caused by duplicative, arbitrary or unnecessary rigid regulations.
Lessen regulatory uncertainty.

CHALLENGE: Doing this in a way that also ensures public benefits (health, safety, environment).

Example: Geothermal Development

- Legislative “vacuum” has hindered resource development in Alberta.

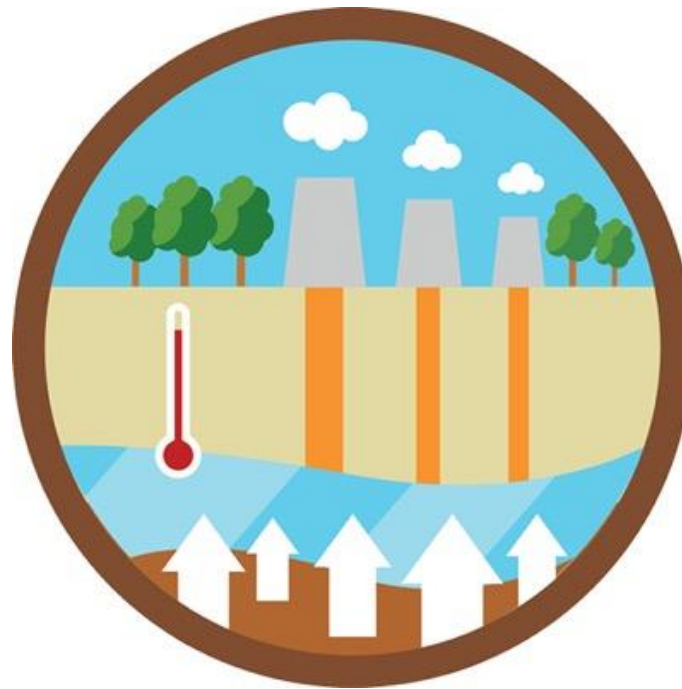
Canadian Institute of Resources Law
Institut canadien du droit des ressources

Legal Obstacles to the Development of Geothermal Energy in Alberta

Grant Van Hal, BA, JD, MSc

CIRL Occasional Paper #42

December 2013



CanGEA
CANADIAN GEOTHERMAL ENERGY ASSOCIATION

An Introduction to Canada's Geothermal Development and Canadian Policy Gap

Potential Geothermal Applications in Canada

October 2018

Example: Circular Economy Innovation

- Old Champlain Bridge being dismantled. Firm wants to re-use cement.
- Existing regulations prevent circular economy, innovative waste management practices.



Example: Regulatory Incoherence

- 2016 (USask) research asked: Why the growth of the Canadian biofuel industry does not seem to match the investment efforts, relative to other countries?
- Survey results identified a key issue:
 - Lack of a long-term coordinated (fed-prov) policy framework left much uncertainty for firms (political risk)



Research Roadmap

To date

- Primer development: “Regulation for Clean Growth”
- EEPRN annual symposium

Next steps – MOVING BEYOND VISION

- Research a dissemination how agile regulatory reform objectives can be achieved in practice