

Lab Overview Feb 2018

The Energy Futures Lab is an award-winning, multi-stakeholder initiative to accelerate the transition to the energy system that the future requires of us.

WE ARE ACCELERATING THE TRANSITION BY WORKING AT THREE LEVELS.

PUBLIC & COMMUNITY

Addressing polarization with future-focussed narratives and fostering a culture ready to embrace innovation. Energy transition simulations, leadership bootcamps, speaking engagements, media partnerships and a community engagement program.

BUSINESS & GOVERNMENT

Shifting policy and business from within by aligning and working in partnership with government and corporations. Direct engagements on business strategy, program alignment and employee engagement within organizations..

INNOVATORS

Stimulating collaboration among those working at the cutting edge of technological and social innovation.

2050 VISION

Albertans are thriving because we produce and use energy in a way that the future requires of us. This means that we are:

- Home to the world's most innovative, entrepreneurial and responsible energy citizens;
- Net carbon-neutral for electricity, heat, mobility and industrial processes;
- The world's leading source of energy technology, products, know-how, and future-fit hydrocarbons;
- A leader in energy-based partnership and reconciliation with Indigenous peoples in Canada.



EXEMPLAR INITIATIVES

There are more than a dozen collaborative initiatives developed within the lab, including:

- **Community Power Aggregation** - A pilot to aggregate 43 rural solar installations – pooling the generation in order to access the emission credit market;
- **Solar skills** - A collaboration between Iron & Earth and the Louis Bull Tribe to train oil workers and members of the Tribe on a solar installation on the local daycare;
- **Accelerating Indigenous Energy Entrepreneurship** - Establishing an Indigenous entrepreneur and emerging leaders network to share best practices across communities;
- **BioJet** - A collaboration to stimulate the development and production of “biojet”, i.e. a sustainable aviation fuel in Western Canada;
- **Growth of an Alberta Lithium Industry** - Applying oil and gas expertise to unlock the potential of Alberta’s significant lithium resource from oilfield wastewater.



FELLOWSHIP

A diverse group of 60 Energy Futures Lab Fellows, representing interests from across Alberta’s energy system, have developed a shared vision and established an unprecedented series of innovative partnerships and collaborations.

energyfutureslab.com/fellows

LEAD CONVENER, THE NATURAL STEP CANADA

The Natural Step Canada is a national charity whose mission is to tackle climate change and accelerate the transition to a truly sustainable society that thrives within nature’s limits.

PARTNERS

Suncor Energy Foundation, Government of Alberta, the Pembina Institute, Banff Centre, Alberta Real Estate Foundation, Shell Canada, ATB Financial, Landmark Group of Builders, and JWN Energy. Approximately 70 other participating organizations from across Alberta are involved in the lab.

Learn more at EnergyFuturesLab.com



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Contact

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