

EnergyFuturesRoadshow

WORKING COLLABORATIVELY TO FORGE PATHWAYS
FOR COMMUNITY RESILIENCE AND ENERGY INNOVATION
IN ALBERTA

EXPRESSIONS OF
INTEREST ARE DUE

MAR31
2018

OPPORTUNITY SUMMARY

The Energy Futures Lab (EFL) is seeking expressions of interest from community leaders in Alberta to have the Energy Futures Roadshow come to your community and support you in exploring the opportunities and challenges arising from energy transition.



WHY AN ENERGY FUTURES ROADSHOW?

The recent downturn in Alberta's economy, combined with regional and global developments in energy and climate, have many community leaders asking how they can respond to and shape these changes to help their communities thrive.

Building and protecting community resilience in a time of accelerating economic and social change and energy transition will require the deployment of new models, collaborations, and technologies. Communities large and small across Alberta are exploring ways to strengthen and diversify the sources of their shared prosperity. They recognize the need to build capacity - especially for learning, innovation, and entrepreneurship - in order to transition to more efficient, secure and sustainable systems. How can new opportunities be best identified, harnessed and scaled up within communities? And how can key stakeholders and members of the community be engaged in exploring the opportunities and challenges presented by energy transition?

The Energy Futures Lab (EFL) is committed to supporting and working with communities to help them forge their energy transition pathways. The EFL is a diverse network of over 60 innovators and organizations working collaboratively to take action in response to the question: How can Alberta's leadership position in today's energy system serve as a platform for transitioning to the energy system the future requires of us? We are reaching out to community leaders like you to join us in this effort.

SEND US YOUR EXPRESSION
OF INTEREST

LEARN MORE ABOUT THE
ENERGY FUTURES LAB



WHAT IS THE ENERGY FUTURES ROADSHOW?

The Energy Futures Roadshow will begin with a pilot between EFL and a suitable community. The 2 - 3 day engagement will be designed and delivered in collaboration with the community, and will be tailored to the community's interests and capacities. The engagement will revolve around a series of workshops with businesses, governments, schools, economic developers, community developers and other cohorts.

THE ENERGY FUTURES ROADSHOW WILL INCLUDE:

- playing the Newtonian Shift, a dynamic half-day role-playing simulation that deepens understanding of the factors and forces involved in energy transition;
- exploring the community's vision, strategy, and goals for development in relation to the shared vision emerging out of the EFL;
- identifying the key opportunities and challenges relating to energy transition in the community;
- profiling energy innovations, solutions and entrepreneurs relevant to your community's challenges and goals;
- facilitating constructive dialogue about energy issues among diverse community members.

The EFL will leverage its people, networks and other resources to best support the community in building its capacity for energy transition. Opportunities for ongoing involvement with the EFL could emerge around other EFL initiatives that align with the interests or project-specific needs of individuals and organizations within the community. To learn more about EFL, see Appendix A and [visit our website here](#).

HELP US PUT THE ENERGY FUTURES ROADSHOW ON THE ROAD!

The EFL needs a pilot community for the Energy Futures Roadshow that can demonstrate the following:

- firm commitment from a capable, well-positioned agent or agency that can effectively partner with EFL and coordinate key community actors over the next 3-6 months;
- evidence of interest and support within the community, including people, businesses, institutions, organizations, funding, materials and other resources that can be leveraged in support of an Energy Futures Roadshow engagement;
- letters of support from at least three organizations in the community, preferably local governments, community developers and economic developers;
- one or more clearly identifiable opportunity or challenge relating to energy transition in the community.

OTHER DETAILS ABOUT THE EXPRESSION OF INTEREST PROCESS

The Expression of Interest process includes:

- [completing an online form](#)
- submitting three letters of support from different community organizations
- conversations with EFL Support Team members

Expressions of Interest will be reviewed and evaluated by a committee comprised of EFL Fellows, Steering Committee and Support Team members.

KEY DATES:

- March 30: Expressions of Interest due
- April 15: Selection of pilot community
- End June (target): Roadshow visit completed

Lab Overview Feb 2018

APPENDIX A

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



naturalstep.ca

energyfutureslab.com

Contact

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