



**UNIVERSITY OF  
SASKATCHEWAN**

## **Renewable Energy in Indigenous, Northern and Remote Communities**

**We are creating the world's first research consortium that brings together exceptional expertise from leading research institutions, industry, government, indigenous communities, and non-governmental organizations.**

Together we will conduct basic and applied research to identify principles and best practices that facilitate the development of renewable energy production, transmission, and distribution for Arctic and sub-Arctic regions.

- The University of Saskatchewan is the only post-secondary institute in Canada proposing such a multi-pronged collaboration between academia, industry, NGOs, countries, provinces, and communities.
- This initiative will advance regional and international collaboration and partnership between the renewable energy industry and indigenous, northern, and remote communities.
- Outcomes of our multidisciplinary, multi-sectorial approach work will advance clean energy technology RD&D (research, development, and demonstration) and help industry and the Government of Canada meet its green-house gas (GHG) emissions reduction goals.

### **Five Program Pillars:**

1. Consultation, and strategic environmental assessment and strategic impact assessment processes for indigenous, northern, and remote communities for renewable energy production and transmission projects.
2. Policy and regulatory structures that inhibit or facilitate the deployment of renewable energy projects, including energy pricing and subsidies, transmission ownership and regulation, market structures
3. Models facilitating community-level renewable development, including technology choices, leveraging complementary industries, maximizing food security opportunities, work force development, strategies to address human capacity to manage utilities through training, circuit rider programs, and cooperative and regionally managed utilities.
4. Facilitate opportunities for indigenous, northern, and remote communities to become independent power producers (IPP) with the objective of building more socially and economically resilient communities in the face of climate variability.
5. Cultivate opportunities for global knowledge export in the area of community-level renewables in indigenous, remote and northern communities around the world.

## Developing solutions for the deployment of renewable energy in and with indigenous and northern communities – creating transferable knowledge for the world

Current global circumstances are ripe for collaborations in renewable energy to flourish - especially in northern indigenous communities.

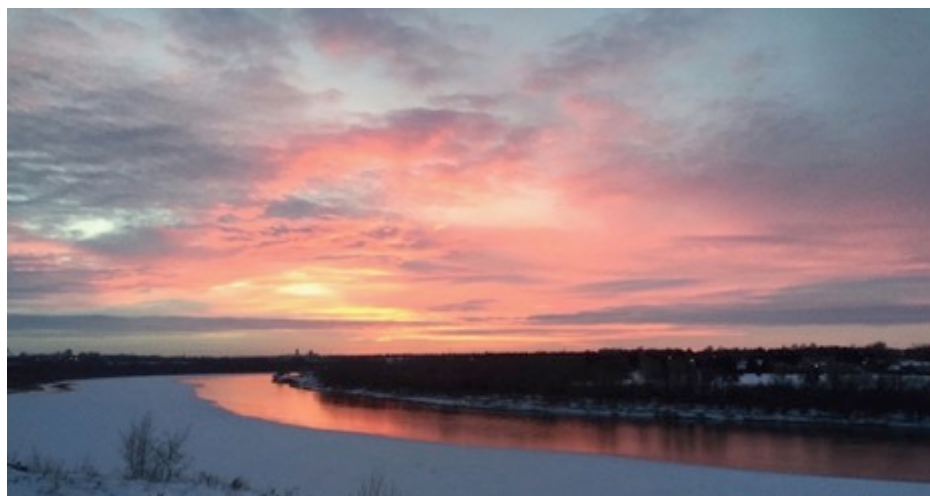
- Renewable energy represents one of the most important opportunities for indigenous peoples to build partnerships that will have enormous benefits to their communities and to the broader society.
- Renewable energy projects—hydroelectricity, bioenergy, wind power, and solar—represent a vital new opportunity for First Nations to create new business development, employment, and own source revenue streams, address local energy security needs, and increase quality of life, as well as meeting provincial renewable energy targets.
- Indigenous and northern communities are expressing strong interest in becoming independent power producers. However, across Canada these communities face critical obstacles in human capacity to manage renewable energy deployment, financial capital to invest in renewables energy projects, and the means to conclude Power Purchase Agreements.



### Partnership Opportunities

We are currently seeking funding for this initiative. Opportunities for support include:

- Lead Partners from industry, government, and foundations across North America and Europe
- Sponsorship of key events such as Public Symposiums and Participant Workshops



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