

Indigenous Climate Leadership Green Energy Programs

Indigenous Relations
IR.climate@gov.ab.ca

Agenda and Introductions

1. Introductions

2. What is Climate Leadership (Plan)

3. Climate Grant Programs

- Climate Capacity Program (AICCP)***
- Climate Planning Program (AICPP)***
- Community Energy Program (AICEP)***
- Energy Efficiency Retrofit Program (AIEERP)***
- Solar Program (AISP)***
- Green Energy Development Program (AIGEDP)***
- Green Employment Program (AIGEP)***

4. Questions

Indigenous Climate Leadership

Enhance Indigenous communities to:

- Improve energy efficiency
- Reduce greenhouse gas emissions
- Increase efficiency and resiliency of infrastructure
- Enhance comfort and sustainability
- Develop community-based (renewable) energy supply
- Create employment in and ownership of green businesses



Alberta Indigenous Green Employment

(AIGEP)

- \$2.5 million
- Facilitates training in Green economy through Aboriginal Skills Employment and Training Strategy (ASETS) agreement holders
- Supports employment and training projects in:
 - The transition to a lower carbon economy
 - Promotes low carbon economy employment

indigenous.alberta.ca/AIGEP



How to Apply

**ASETS Agreement
Holders contact your
Employment
Partnerships
Coordinator directly
or email**

IR.climatecapacity@gov.ab.ca



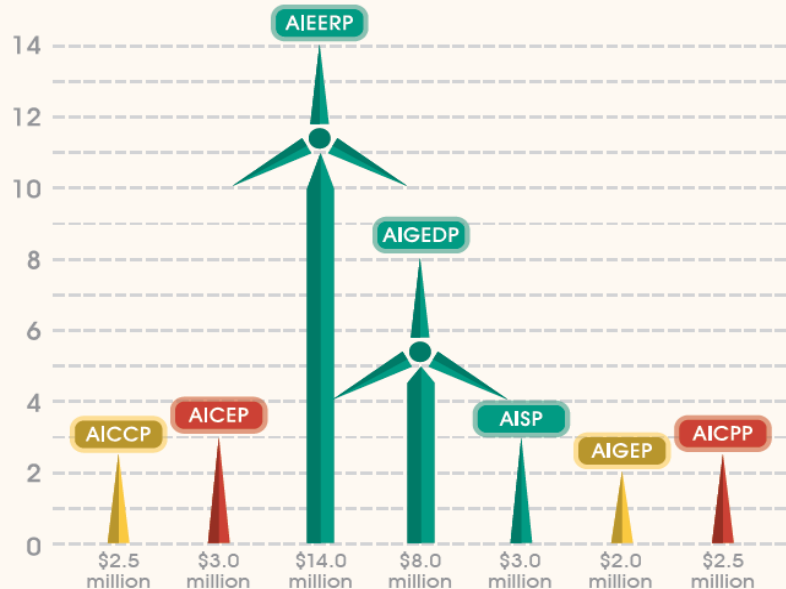
Six Remaining Climate Programs

Indigenous Climate Leadership Initiative 2017 / 18 TRANSITIONAL PROGRAMS

Available Now

These programs will provide Indigenous communities and organizations opportunity to participate in and benefit from \$35 million of funding for Indigenous Climate Leadership identified in Budget 2017 for this fiscal year. These programs will be available during the 2017/ 2018 year, while we explore options for a joint decision-making governance model for Indigenous Climate Leadership Initiative.

- Capacity / Training
- Infrastructure
- Planning



Eligible Applicants for Remaining Programs

- **First Nation communities, Metis Nation of Alberta, Metis Settlements and Aseniwuche Winewak Nation.**
- **Indigenous Organizations:**
 - **Friendship Centres**
 - **Tribal Councils**
 - **Indigenous community-owned businesses**
- **Applicants must be located in Alberta.**

Alberta Indigenous Climate Capacity Program (AICCP)

- \$2.5 million
- Builds technical and leadership capacity
 - Increase climate leadership knowledge
 - Empower communities for green-energy economic development opportunities
 - Shows communities how to make a real impact in reducing GHG

- Covers 100%
- Maximum of \$100,000 per application

Indigenous.alberta.ca/AICCP



Eligible Activities and Expenses

Eligible Activities

- **Climate Leadership Coordinators**
- **Indigenous climate leadership training sessions.**
- **Elder and youth climate awareness programs.**
- **Train-the-trainer sessions intended to increase local capacity in climate leadership program delivery.**

Eligible Expenses

- **Salary or contract costs to deliver or manage project**
 - **Admin costs, salary for new or expanded positions**
- **Travel expenses for project participants**
- **Project and training supplies**
- **Enrollment fees**
 - **Tuition, course costs, etc.**

Alberta Indigenous Climate Planning Program (AICPP)

- \$2.5 million
- Goals:
 - Improve energy efficiency
 - Reduce greenhouse gas (GHG) emissions
 - Drive economic development.

Purpose:

- Provide energy inventories
- Forecast community energy use and needs
- Develop energy and emission reduction targets
- Target actions and timelines for implementation
- Enable greater participation in a low-carbon economy

indigenous.alberta.ca/AICPP



AICPP Project Types

AICPP provides funding to support two types of initiatives:

- **Community Energy Plans:**
(must include)
 - Baseline study of a communities current energy use and generation
 - Projections of future energy needs
 - Plan to support current and future energy needs while reducing GHGs
- **Clean Energy Opportunities Assessments:**
(must include)
 - Community energy profile
 - Feasibility assessments of potential community clean energy projects

Funding Mechanisms

- **Covers 100% of eligible expenses**
- **Maximum of \$100,000 per community / organization**
- **Maximum of 1 application per community**
- **50% of total project costs must be spent in community**
- **Applications must demonstrate how community will be engaged**



Alberta Indigenous Community Energy Program (AICEP)

- \$3 million
- Supports opportunities to save energy and money
- Assesses efficiency of existing buildings
- Supports community decision making
- Estimates energy savings and greenhouse gas reductions



indigenous.alberta.ca/AICEP

What is a 'Detailed Energy Assessment'?

A building analysis completed by a qualified professional (P.Eng, CEM or CEA) to ASHRAE Level II audit guidelines

- Includes:

- Description and state of repair of building(s)
- Review of mechanical/electrical systems and building envelope, windows, etc.
- Analysis of energy consumption in the building
- Listing of existing operating and maintenance problems
- Proposed modifications to equipment and operations that will result in energy/cost savings
- Preparation of a business case for implementation of proposed building retrofits

Projects Eligible for AICEP

Types of projects funded:

- Office and administrative buildings
- Fire halls and police stations
- Elders' Centres
- Any other community owned buildings
- Buildings must be owned by the community itself, or by a community-owned business or organization

Ineligible Projects:

- Buildings operated by a for-profit business or organization not owned by the Indigenous community
- Privately-owned residential buildings
- Provincially or federally operated buildings located on Indigenous community lands

Alberta Indigenous Energy Efficiency Retrofit Program (AIEERP)

- \$14 million
- Improve energy efficiency and reduce greenhouse gas emissions
- Provides 100% of expenses per project
- up to a maximum of \$1 million

indigenous.alberta.ca/AIEERP



Project Types and Criteria

Retrofits

- Non-residential buildings to be assessed using the Detailed Energy Assessment Requirements (DEAR)
- Assessment must be conducted by a qualified auditor.
- GHG reduction must be demonstrated.

New Builds

- GHG avoidance must be clearly demonstrated.
- Information on upgrades and cost savings must be presented.



Alberta Indigenous Solar Program (AISP)

- \$3 million
- Supports communities investing in solar energy infrastructure by:
 - Funding solar photovoltaic (PV) systems on facilities owned by the community or organization

Indigenous.alberta.ca/AISP



Funding Levels

- Funding is available up to 80% of eligible expenses up to a maximum of \$200,000 per project, per community/organization.
- Applicants can access other non-Government of Alberta funded programs to cover the remaining 20% of the project costs.
- Maximum funding stacking is 100 % of costs

Eligible Projects

- **Solar panel installations greater than or equal to 2 kilowatts (kW) and less than 1 megawatt (MW) in capacity**
- **Projects completed and energized after June 29, 2017**
- **Projects compliant with Alberta's *Micro-Generation Regulation (AR 27/2008)***



Alberta Indigenous Green Energy Development Program (AIGEDP)

- \$8 million
 - Development of commercial-scale, renewable-energy projects
 - Activities funded:
 - Project Development
 - Project Implementation
- indigenous.alberta.ca/AIGEDP



Funding Levels per Activity

- **Project Development: \$3 million total funding**
 - **\$60,000: This includes a pre-feasibility stage**
 - **\$550,000: Includes feasibility, regulatory, environmental studies, business plans.**



Funding Levels per Activity

- **Project Implementation: \$5 million total funding**
 - *No funding cap.*
 - **Assessed by third party contractor**
 - **Renewable energy must be sold into Alberta's energy grid system**
 - **Must adhere to Alberta Utility Commission Guidelines on Distributed Generation or the Alberta Electric System Operator's full participant rules.**





Alberta