

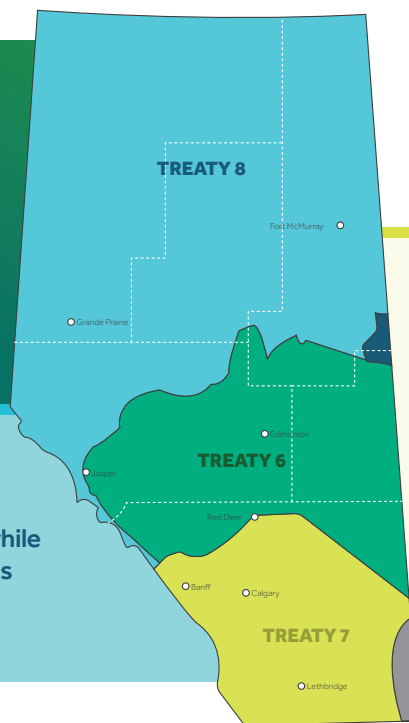
INDIGENOUS CLIMATE RESILIENCE RESOURCE HUB

Browse this resource to discover climate action initiatives, resources and funding sources.

Learn about climate adaptation and resilience while starting conversations and building relationships within and among communities, including municipalities and Indigenous communities.



Municipal
Climate Change
Action Centre



All listed resources and initiatives are either available nationally or within Alberta, homelands to:

- First Nations outlined in Treaty 6, Treaty 7 and Treaty 8
- Aseniwuche Winewak Nation
- Non-Status Indigenous Nations/Communities
- Métis Settlements established by the Métis Settlements Act
- Métis Nation of Alberta
- Self-governing Métis Nations/Communities

ORGANIZATIONS

Centre for Indigenous Environmental Resources

An Indigenous-directed non-profit working in partnership with Indigenous communities to build capacity and support Indigenous-led responses to environmental challenges.

Indigenous Climate Change Adaptation Planning Toolkit

A series of six guidebooks to support Indigenous communities interested in climate adaptation planning. Intended for communities to be used at all stages of adaptation. Also includes an Indigenous Languages Glossary Workbook.

The Firelight Group

An Indigenous-owned consulting group providing research and advisory services for traditional knowledge and use studies, mapping, capacity building, planning, negotiation, and more.

First Nations Technical Advisory Group (TSAG)

Technical services and training for First Nations in Alberta in the areas of asset management, environmental management, fire safety, and more. "The Asset Management Toolkit and Resources: A First Nations Perspective" is available to download.

Future Ancestors Services

Indigenous and Black-led and owned social enterprise advancing climate justice through an Indigenous and anti-racist lens. Offering training services, speaking services, research, and capacity building.

Indigenous Climate Action

An Indigenous-led organization committed to Indigenous sovereignty and Indigenous-led climate solutions. Publications, resources and training, webinar library, a podcast, and more.

Indigenous Clean Energy Social Enterprise

Publications, mentorship, a podcast, and events aimed at supporting an Indigenous-led clean energy future.

20/20 Catalysts Program

A mentorship and capacity building program providing applied and peer-to-peer learning opportunities for Indigenous clean energy champions.

ImaGENation

An Indigenous youth mentorship program facilitated by SevenGen, Indigenous Clean Energy, and Student Energy supporting Indigenous youth-led clean energy projects.

Generation Power

Indigenous youth clean energy career training.

Decolonizing Power Podcast

Hosted by hosted by Mihskakwan James Harper and Freddie Huppé Campbell.

Indigenous-led Clean Energy Projects Playlist

Comprehensive video library featuring Indigenous clean energy projects from across Canada.

Indigenous Climate Hub

An Indigenous-led online platform of resources and information created by Okwaho Equal Source together with the Centre for Indigenous Environmental Resources.

Resource Library

A global catalogue of organizations, articles, and multimedia.

Indigenous Climate Hub Members Network

An online network for Indigenous peoples, communities, and organizations to connect and share climate-related news and resources.

Iron & Earth

Nonprofit dedicated to the transition of the fossil fuel workforce.

Naheyawin

An Indigenous-led and owned agency building bridges between Indigenous and non-Indigenous peoples. Offering online courses and services on cultural awareness, Indigenous histories and diversity and inclusion.

The Pembina Institute

National think tank generating science-based research and reporting on energy challenges.

The case for investing in clean energy in remote communities: recommendations on how to improve access to capital.

The Resilience Institute

A registered charity supporting community-driven adaptation and resilience initiatives that integrate local and scientific knowledges.

SevenGen

Indigenous youth council committed to a sustainable and equitable energy future. Hosts an Indigenous Youth Energy Summit.



KNOWLEDGE

CASE STUDIES

A SHARED Future

Community-based projects through Achieving Strength, Health, and Autonomy through Renewable Energy Development for the Future (A SHARED Future), a research program based at Queen's University focused on renewable energy as a platform for reconciliation and relationship building.

Canadian Climate Institute

Unnatural Disasters: Colonialism, climate displacement, and Indigenous sovereignty in Siksika Nation's disaster recovery efforts.

Part of the *Indigenous Perspectives* series of case studies on Indigenous-led responses to climate change from across Canada.

First Nation Adapt Program

Projects in Alberta funded through the First Nation Adapt Program.

Green Energy Futures

Video and audio case studies of green energy projects in Indigenous communities and municipalities across Alberta.

Indigenous Climate Hub

Indigenous Community Adaptation Projects

Final reports and community vulnerability assessments for seven Indigenous communities.

Indigenous Community-based Climate Monitoring Program, funded projects

Projects in Alberta funded through the Indigenous Community-based Climate Monitoring Program.

Indigenous Climate Monitoring Toolkit

A toolkit to support Indigenous communities in all phases of community-based climate monitoring projects. Includes case studies, an interactive map of Indigenous-led community-based monitoring projects from across Canada, a step-by-step guide, and an in-depth resource list.

Just Powers

A University of Alberta research initiative with a catalogue of resources and research projects focused on climate justice and a just energy transition. Including a documentary film and the Deep Energy Literacy podcast.

Municipal Climate Change Action Centre

Town of Smoky Lake: Métis Crossing Solar Project

Case study and webinar recording on the Métis Crossing Solar Project, a partnership of the Métis Nation of Alberta, Town of Smoky Lake, and Smoky Lake County.

Prairies Regional Adaptation Collaborative

Partners in Climate Action: How Beardy's and Okemasis' Cree Nation is addressing flood-related risks through knowledge sharing and collaboration

Outcomes of climate adaptation planning in Beardy's and Okemasis' Cree Nation (BOCN).

Rural Routes to Climate Solutions

Siksikaitsitapi Agriculture Project

On-farm and on-ranch climate solutions including regenerative agriculture and clean energy led by Kainai, Piikani, and Siksika First Nations. Podcast episodes available.

Climate Change Adaptation Planning and Creation of a Local Early Action Plan: A Guide for Facilitating a Co-Created Adaptation Planning Process in Indigenous Communities

A guide to support community-led adaptation. Prepared by the Resilience Institute and All One Sky, with support from the Calgary Foundation.

Métis Nation of Alberta

Health and Climate Change Toolkit

Developed to communicate the intersections of climate change and health through the lens of Métis culture.

The Resilience Institute

Piikani Nation Stories of Resilience - Our Stories of Resilience, Our Future

Bison & Climate Change - Willow Lake Métis Nation Stories of Resilience

Interactive webpages as part of the Stories of Resilience program, sharing Indigenous perspectives on climate change and resilience.

Fire with Fire Project Overview

Partnership with Samson Cree, Piikani, Kainai, and Dene Tha' First Nations aimed at building capacity for climate adaptation by braiding Indigenous and scientific knowledges. Includes the Keeping the Fire Burning webinar series; and three participatory videos created by the Kainai First Nation highlighting climate impacts in their community.

Partnering to Explore the Potential of Sweetgrass to Sequester Carbon

A partnership of The Resilience Institute, the Piikani Nation, Agriculture and Agri-Food Canada, the University of Lethbridge, and Environment and Climate Change Canada.

Natural Resources Canada

Clean Energy for Rural and Remote Communities, funded projects

Renewable energy and capacity building projects funded by the Clean Energy for Rural and Remote Communities program.

Métis National Council

Métis Nation Climate Change and Health Vulnerability Assessment

Prepared for the Métis National Council, this report identifies key climate risks and actions for the resiliency of Métis Nations across Canada.

Canada in a Changing Climate: Regional Perspectives Report

Chapter 4: Prairie Provinces

A report on climate adaptation and resiliency in Alberta, Saskatchewan, and Manitoba. Featuring a video of the late Anishinaabe Elder Dave Courchene.

REPORTS

Assembly of First Nations (AFN)

Joint Committee on Climate Action Annual Report 2020 & 2021

Action plans for First Nations climate leadership and regional case studies. The Joint Committee is made up First Nations representatives, AFN representatives, and Government of Canada officials.

National Climate Gathering Report - Driving Change, Leading Solutions

Outcomes from AFN's National Climate Gathering, March 2020.

To recommend an additional resource, please email contact@mccac.ca or visit mccac.ca/learning-centre.



INTERACTIVE MAPS

Climate Atlas of Canada

Indigenous Knowledges

Videos, resources, and case studies on First Nations, Inuit, and Métis perspectives on climate change, including the Indigenous Climate Atlas.

Indigenous Climate Atlas Launch

Video launch and walkthrough of the Indigenous Climate Atlas, an interactive map with climate data for 634 First Nations, 53 Inuit communities, as well as projects across the Métis homeland

Climate Data

A hub of climate data, including an interactive map.

Climate Telling Project Map

Interactive map of projects funded through Climate Change and Health Adaptation Program. See projects in Alberta in the areas of Food Security, Vulnerability Assessment, Traditional Medicine, and Knowledge Sharing & Education.

Indigenous Renewable Energy Map

An interactive map of clean energy initiatives in Indigenous communities across Canada

Natural Resources Canada

Climate Action Map

Interactive map of climate action projects across Canada, including in Indigenous and remote communities

The Atlas of Canada – Remote Communities Energy Database

An interactive map and database of remote communities by main power source

Map of Adaptation Actions

An interactive map as part of *Canada in a Changing Climate: Advancing our Knowledge for Action*, a national strategy lead by Natural Resources Canada

WEBINARS

Building Regional Adaptation Capacity and Expertise (BRACE) Program Webinar Series

Webinars for climate adaptation practitioners offered through NRCAN's BRACE program. See "Building Adaptation Skills for Indigenous Communities."

Business Renewables Centre

The "Social" IN ESG

Discussing social justice considerations and Indigenous participation in the renewable energy sector, featuring Indigenous Clean Energy Advisory Council Member Calvin Waquan.

Solar Alberta

Solar Series Webinars

Recordings from Solar Alberta's webinar series. Includes: "Supporting and Investing in Indigenous Clean Energy Projects: Indigenizing Economics, Environmental Protections and Governance" & "Supporting Indigenous-Led Solar on the Prairies: A Case Study on Strong Partnerships."

INDIGENOUS–MUNICIPAL RELATIONS

Alberta Municipalities

Resources to Support Relationship Building with Indigenous Leaders

Resources on Indigenous histories and relationship building as a starting place for municipal-Indigenous relations.

Municipal-Indigenous Relations

Including best practices for engaging with Indigenous leaders; 'Engaging with Elders; A Co-created Story' guide developed by The Native Counselling Services of Alberta; Resources; and Municipal examples.

Webinar Recording - Reconciliation and Relationship Building with Indigenous Peoples

An online session on municipal-Indigenous relations, featuring Elliott Young (pipikwan pèhtàkwan), Jaimy Miller (City of Edmonton), and Rachelle Venne (Institute for the Advancement of Aboriginal Women).

A Municipal Guide to the Truth And Reconciliation Commission's Calls to Action

A guide to assist municipal leaders in understanding the Calls to Action that are most applicable to municipal governments.

Calgary Foundation

Treaty 7 Indigenous Ally Toolkit

A toolkit for settler allies in Treaty 7 including background on Indigenous nations, histories, and languages.

Centre for Indigenous Environmental Resources

Collaborative Leadership Initiative (CLI)

A collaboration between Indigenous and municipal elected leaders on solutions to shared water challenges. View the CLI Manitoba Reconciliation in Action Documentary.

Centre for Race and Culture

âpahkowâyânaw: Indigenous Education Sessions on Indigenous Issues and Advocacy

Recordings of online public education sessions on the historical legacies and current realities of anti-Indigenous discrimination and racism. Explore other trainings offered through the Centre for Race and Culture.

City of Calgary

White Goose Flying Report

A framework for advancing reconciliation in the City of Calgary.

City of Edmonton Indigenous Framework

A framework meant to guide City of Edmonton staff in reconciliation and relationship building with Indigenous peoples.

City of Lethbridge and Lethbridge Indigenous Sharing Network

Reconciliation Implementation Plan 2017 - 2027

A plan outlining a vision for reconciliation in the City of Lethbridge, including recommendations for municipal action on several of the TRC's Calls to Action.

First Nations Information Governance Centre

The First Nations Principles of OCAP®

Background on the principles of OCAP (ownership, control, access, and possession) establishing how First Nations' information and data is collected, protected, used, and shared.

Federation of Canadian Municipalities (FCM)

First Nation-Municipal Community Economic Development Initiative

Implemented in partnership with Council for the Advancement of Native Development Officers (CANDO), an initiative to support capacity building and long term planning for community economic development between First Nations and municipalities.

Stronger Together: A Toolkit for First Nation-Municipal Community Economic Development Partnerships

An outcome from the Community Economic Development Initiative Phase 1. A starting point for municipalities and First Nations to establish long-term respectful working relationships.

Joint Working Group Tool for partners

A tool to guide the creation of a Joint Working Group.

First Nations-Municipal Newsletter

Stay up to date on news about First Nation-municipal collaboration from FCM.

First Nation-Municipal Land Use Planning Tool

A tool to support joint land use planning.

Service Agreement Toolkit

A toolkit for elected officials and staff from municipalities and First Nations seeking to develop working relationships with their neighbouring communities on local services and infrastructure.

Pathways to Reconciliation Report

Responses to the Truth and Reconciliation Commission Calls to Action as part of FCM's Big City Mayors' Caucus.

FUNDING

INDIGENOUS ELIGIBILITY Open to Indigenous students, communities, organizations and governments.

Alberta Indigenous Opportunities Corporation

AIOC offers loan guarantees (minimum \$20 million to a maximum \$250 million) to support investment into the Energy (oil & gas, renewables, power, and coal), Mining, Forestry, Agriculture, Transportation, Telecommunications sectors. Eligible for an Alberta-based Indigenous group or consortium with a minimum 25% Indigenous investment. Applications accepted on an ongoing basis.

Canada Infrastructure Bank

Indigenous Community Infrastructure Initiative

Loan requests of a minimum \$5 million and up to \$100 million for community-infrastructure, clean power, public transit, or trade and transportation. Projects must provide a direct benefit to an Indigenous community.

Crown-Indigenous Relations and Northern Affairs Canada

First Nation Adapt Program

Funding for First Nations to assess and respond to climate change impacts on infrastructure and emergency management. No deadline to apply, applications reviewed on an ongoing basis. Open to First Nation communities, governments, and Indigenous organizations south of the 60th parallel

Indigenous Community-Based Climate Monitoring Program

Funding for long-term Indigenous-led climate monitoring projects.

Environment and Climate Change Canada

Funding Directory

Indigenous climate and environmental funding.

Indigenous Services Canada

Climate Change and Health Adaptation Program

Funding for First Nations and Inuit communities to identify, assess, and respond to the health impacts of climate change.

First Nation Infrastructure Fund & Indigenous Community Infrastructure Fund

Funding for infrastructure projects in 9 eligible categories, including energy systems, fire protection, and cultural and recreational activities. Open to Indigenous communities, governments, and organizations.

Indigenous Community Infrastructure Fund, Urban Component

Infrastructure support targeted at improving the physical capacity, safety, security, and accessibility of facilities for urban Indigenous peoples. Open to urban and rural not-for-profit Indigenous service delivery organizations located off-reserve.

Strategic Partnerships Initiative

An initiative for federal partners to reduce administrative burden, pool resources, and fill funding gaps in support of Indigenous involvement in economic opportunities.

Natural Resources Canada

Sistering Indigenous and Western Science (SINEWS) program

A paid mentorship program with the goal of increasing participation of Indigenous and non-Indigenous women in science related disciplines. Accepting applications from pairs of female-identifying students, at least one of which must identify as Indigenous. Find past projects here.

Clean Energy for Rural and Remote Communities Program

Funding for renewable energy, energy efficiency measures, and capacity building in Indigenous, rural, and remote communities across Canada. No deadline to apply, applications reviewed on an ongoing basis.

Indigenous Forestry Initiative

Financial support to Indigenous-led economic development projects in Canada's forest sector. Applications accepted throughout the year

BROAD ELIGIBILITY Open to Indigenous communities and municipalities.

2 Billion Trees Program

Funding to support action on climate change and biodiversity loss by planting two billion trees over 10 years.

Alberta Ecotrust

Grant programs, pilot projects, and advocacy for climate action, emissions reduction, and resiliency.

Alberta Emerald Foundation

The Annual Emerald Awards recognizes organizations, projects, and individuals that address and mitigate environmental challenges in the areas of water, energy, infrastructure, and more.

Federation of Canadian Municipalities (FCM)

Funding Opportunity Finder

A tool to find funding through the Green Municipal Fund that is compatible with your community type, sector, and project type. Eligible for Indigenous communities working in partnership with a municipality, or with a shared service agreement with a municipality.

FireSmart Canada

Wildfire Community Preparedness Day

FireSmart Canada is a national program working to increase resilience to wildfire. Apply for a \$500 award to put towards a Wildfire Community Preparedness Day event to raise awareness of wildfire risk and increase community resilience.

Municipal Climate Change Action Centre

Climate Resilience Capacity Building Program

Funding for municipalities and Indigenous communities to assess adaptation measures and to create climate resilience plans.

Electric Vehicles Charging Programs

Funding for the installation of electric vehicle charging infrastructure.

Natural Resource Canada

Canada Greener Homes Initiative

Grants and interest-free loans to support homeowners undertaking eligible home retrofits. Open to Indigenous governments, organizations, and homeowners.

The Municipal Climate Change Action Centre provides funding, technical expertise, and education to municipalities, schools, non-profits and community organizations.

MCCAC.CA

A partnership of:

