

Educational resources + programs to support learning and action in each topic area. Last updated

Climate Change in Alberta Resources

Resource	Organization	Link
Climate Game Changers	CPAWS	https://climategamechangers.ca/
Alberta Climate Records	University of Lethbridge	http://albertaclimaterecords.com/
A climate of change	Calgary Climate Hub	f_change
Climate Solutions 101	Project Drawdown	https://drawdown.org/climate-solutions-101
Visualizing and	Science	ml
Climate action toolkit	city of calgary	e/earth-hour-
Actions you can take to	city of calgary	e/actions-you-can-take.html
Climate Partners	Arusha Centre	https://climatepartners.ca/
Indigenous Knowledges	We Adapt	base/climate-adaptation-training/indigenous-
Climate Atlas of Canada	Prairie Climate Center	https://climateatlas.ca/
Climate change webinar	City of Calgary	mate-change-webinar-series.html
Calgary Climate	City of Calgary	HcmddZnjR0FnDpz1n9hf/view?ts=63daa3b3
Climate Lens Podcast	Calgary Climate Hub	WeMqDOkzml?si=d981e84c298b4fc6&nd=1
What on earth can we do?	Alberta Emerald Foundation	https://emerald.foundation.ca/podcast/
Just Powers Podcast	Just Powers	https://www.justpowers.ca/podcast/

Resilient Communities

Resource	Organization	Link
MCCAC Learning Center	centre	https://mccac.ca/learning-centre/
Calgary's Climate	City of Calgary	savings/climate-
Health and Climate	Metis Nation of Alberta	change-toolkit/
Rural Routes to Climate	RR2CS	https://rr2cs.ca/
Adapt action	Miistakis institute	http://www.adaptaction.ca/
Sustainable building	Biosphere Institute	resources
Climate Resilience	All one sky	Guide_Final.pdf
Indigenous Climate	Indigenous Climate Hub	https://www.indigenousclimatemonitoring.ca/
clean community	City of Lethbridge	community/Pages/default.aspx
Talking it Through: A	ICLEI	through-a-discussion-guide-for-local-
Net Zero Energy Ready	Efficiency canada	codes-2020
Citizen science programs	Old Man watershed council	https://oldmanwatershed.ca/citizen-science
Show	energy futures lab	roadshow/

Resilient rurals resilient rurals <https://www.resilientrurals.com/>

Diversifying Energy Resources

Resource	Organization	Link
Energi Student Resources	Energi Media	https://energi.media/student-resources/
Energy System Map	Student Energy	https://studentenergy.org/map/
Future Energy Systems	University of Alberta	ge/learning
Alberta Community Solar	Pembina	community-solar-guide
Alberta Go Solar guide	association	e2e48f51309499864d1d/t/5c9cdcf6e5e5f0eb
Energy efficiency	Empower me	https://empowerme.ca/education-ab/
Solar 101	Solar Alberta	https://solaralberta.ca/learn/solar-101/
DIY Home Energy Audit	Town of Okotoks	community/green-living/green-living-
20/20 Catalysts Program	Indigenous clean energy	2020-catalysts/
		https://energyfutureslab.com/the-newtonian-shift/
Newtonian shift	Energy futures lab	https://www.energyvsclimate.com/
Energy vs Climate	Energy Vs Climate	https://www.greenenergyfutures.ca/ckua-podcasts
Green energy futures	Green Energy Futures	podcasts
Empower Me	Kambo energy group	https://www.empowerme.ca/

Jobs+ prosperity (economic diversification + new jobs/careers (clean tech + retraining for workers))

Resource	Organization	Link
Climate Solution Training	Iron & Earth	https://www.climatecareerportal.com/training?perPage=20&pageNum=1
Eco Canada environmental career search	Eco Canada	https://eco.ca/
Solar Alberta training courses for professionals	Solar Alberta	https://solaralberta.ca/training-jobs/training-opportunities/
Sustainable Energy Training	Canadian Institute for Energy Training (CIET)	https://cietcanada.com/energy-efficiency-training-programs/
Indigenous Youth Clean Energy and Career Training Program	Generation Power	https://www.generationpower.ca/

Efficient Homes

Resource	Organization	Link
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Climate Ready Home Guide	City of Calgary	https://www.calgary.ca/uep/esm/climate-ready-home-guide.html
HAT Smart	City of Medicine Hat	https://www.medicinehat.ca/en/home-property-and-utilities/hat-smart.aspx
Conservation and Energy efficiency	City of Medicine Hat	https://www.medicinehat.ca/en/home-property-and-utilities/conservation-and-energy-efficiency.aspx?mid=69524
Green Guides for the Home	Green Calgary	https://www.greencalgary.org/green-homes-communities/green-guides
Change homes for climate Alberta based Net Zero Home Labelling Program	City of Edmonton	https://www.edmonton.ca/city_government/environmental_stewardship/change-homes-for-climate-guide
Service Organizations, Energy Advisors, and Trainers	Canadian home builders association	https://www.chba.ca/CHBA/HousingCanada/Net_Zero_Energy_Program/Who_to_work_with/CHBA/Housing_in_Canada/Net_Zero_Energy_Program/NZE_Qualified_Service_Organizations.aspx
Net Zero Builders and Renovators in Alberta Directory of energy efficiency programs for homes	Canadian home builders association	https://www.chba.ca/CHBA/BuyingNew/Net-Zero-Homes.aspx
Retrofit Canada Net zero home case studies	Government of Canada	https://oee.nrcan.gc.ca/residential/programs/programs.cfm?attr=24
	Retrofit Canada	https://www.retrofitcanada.com/about
Condo EV Charger guide	Plugndrive	https://www.plugndrive.ca/condo-charging/
Plan your Yardsmart yard	City of Calgary	https://www.calgary.ca/water/programs/yardsmart-water-wise-plants.html
Indigenous climate and environmental funding	Government of Canada	https://www.canada.ca/en/environment-climate-change/services/climate-change/indigenous-partnership/funding.html#indigenous-funding

Application Guide for
Indigenous Governments
and Organizations
Retrofitting Multiple
Homes through the
Greener Homes Program
Energy Poverty Reduction
and Home Upgrades
Program
Home Upgrade Program
Eco-solar home tour

Government of Canada

Empower Me

Kambo energy group

Volunteers

<https://www.nrcan.gc.ca/sites/nrcan/files/energy/efficiency/Greener%20Homes%20Grant%20Form%20Indigenous%20-%20EN-rr.pdf>

<https://albertaecotrust.com/energy-poverty-reduction-and-home-upgrades-program>

<https://www.homeupgradesprogram.ca/>

<https://ecosolar.ca/calgary.html>

Transportation Choices

Resource	Organization	Link
Alberta EV FAQ's	Electric Vehicle Association of Alberta (EVAA)	http://www.albertaev.ca/faqs/
Zero emissions vehicles in the bow valley	biosphere institute	https://www.biosphereinstitute.org/zevs
Installing an EV Charger	Enmax	https://www.enmax.com/services/ev-chargers
Map of EV charging stations	Plugshare	https://www.plugshare.com/ https://activelethbridge.ca/active-living-opportunities/summary/cycling-bicycling
Cycling resources	Active Living Lethbridge	https://activelethbridge.ca/active-living-opportunities/summary/cycling-bicycling

Sustainable Food

Resource	Organization	Link
Rural routes to climate solutions	RR2CS	https://rr2cs.ca/podcast/ https://farmersforclimatesolutions.ca/learning-hub
On farm solutions	farmers for climate solutions	https://farmersforclimatesolutions.ca/learning-hub
Nature Based Solutions for Farms	ALUS	https://alus.ca/
Introduction to vertical farming	Nuleaf farms	https://nuleaffarms.ca/indoor-farming/

How to start farming in Alberta	Young Agrarians	https://youngagrarians.org/how-to-start-farming-in-alberta/
Alberta food directories (locally produced food)	Government of Alberta	https://www.alberta.ca/alberta-food-directories.aspx
Calgary Food Action Projects and Programs	City of Calgary	https://www.calgary.ca/major-projects/food-action-plan.html#new
Highfield Urban farm in Calgary	Highfield Farm	https://www.highfieldfarm.ca/programs
Community Gardens in Calgary	City of Calgary	https://www.calgary.ca/communities/community-gardens.html
Alberta local food market calendar	Alberta Local Food	https://albertalocalfood.com/
Online Alberta Farmers Market	CultivatR	https://cultivatr.ca/
Agriculture for Life lesson plans	Ag for Life	https://www.agricultureforlife.ca/

Rebates, incentives, grants

Resource	Organization	Link
Funding opportunities for indigenous climate leadership	Government of Alberta	https://open.alberta.ca/dataset/bccea7e7-9e83-43a1-a454-f940b7f96864/resource/df895d9c-ff88-4268-92d4-42026090e5cf/download/funding-handbook-indigenousclimateleadership.pdf
Indigenous climate and environmental funding	Government of Canada	https://www.canada.ca/en/environment-climate-change/services/climate-change/indigenous-partnership/funding.html#indigenous-funding
Canada Greener Homes Grant	Government of Canada	https://www.nrcan.gc.ca/energy-efficiency/homes/canada-greener-homes-grant/23441
FCM Programs and funding for municipalities	Federation of Canadian Municipalities	https://fcm.ca/en/programs
Environmental grant programs	Alberta Ecotrust	https://albertaecotrust.com/grants/environmental-grant

Environmental grants for Alberta classrooms	ACEE	https://www.abcee.org/grantscontestsawards
Emerald Awards	Alberta Emerald Foundation	https://emerald.foundation.ca/emeraldawards/ https://www.nrcan.gc.ca/energy-efficiency/homes/canada-greener-homes-initiative/canada-greener-homes-grant/canada-greener-homes-grant/23441
Canada Greener Homes Grant	Government of Canada	https://tc.canada.ca/en/road-transportation/innovative-technologies/zero-emission-vehicles/light-duty-zero-emission-vehicles?utm_campaign=tc-tc-izev-22-23&utm_medium=sem&utm_source=ggl&utm_content=ad-text-en&utm_term=ev%20incentives&adv=2223-357103&id_campaign=19549683810&id_source=150848390811&id_content=644590226061&qclid=EAlaIqobChMI2fiGiLL6_AIVyQWtBh2bXAKIEAAYASAAEgK3xfD_BwE&qclsrc=aw.ds
Canada EV Rebate	Government of Canada	
Municipality funding programs	MCCAC	https://mccac.ca/programs/ https://www.canada.ca/en/agriculture-agri-food/news/2021/07/government-of-canada-taking-action-to-support-farmers-facing-extreme-weather.html
Government supports for Farmers facing extreme weather	Government of Canada	https://www.nrcan.gc.ca/energy-efficiency/homes/canada-greener-homes-initiative/oil-heat-pump-affordability-program-part-the-canada-greener-homes-initiative/24775
Oil to Heat Pump Affordability Grant (\$5000)	Government of Canada	