Funding

Grant Funding, Tax Credits & Challenge Prizes

Alberta Economic Development and Trade Tax Credits (AEDT)
Capital Investment Tax Credit (SIC) and Innovation Tax Credit (ITC)

Alberta Innovates (AI)
Provides low-interest loans, mentoring and expertise for 18–39 year olds to help get their start-up off the ground.

Alberta Innovates - C-FER Technologies
Provides full-cost and specialized engineering consulting services from world-class facilities in Edmonton. Advances safety, environmental performance and efficiency in the energy industry.

Alberta Innovates - CVD
Provides loan and equity financing to Alberta First Nation entrepreneurs.

Energy Efficiency Alberta (EEA)
Alberta’s government entity dedicated to saving energy, supporting small-scale generation, and developing an energy efficient services industry.

Emissions Reduction Alberta (ERA)
Invites innovation to reduce greenhouse gas emissions in Alberta.

Impact Canada Challenge Hub
A social innovation accelerator that provides support to organizations that are working to address complex challenges in Canada.

Innovative Solutions Canada (ISC)
Supports the development of next-generation technology solutions for Canada’s defence and security needs.

Natural Gas Innovation Fund (NGIF)
Funds innovation efforts that align with federal government objectives.

Natural Products Canada (NPC)
Connects and supports a broad coalition of experts, researchers, and organizations that fosters innovation in Canada’s natural gas and clean energy sector.

Scientific Research and Experimental Development Tax Incentive Program (SRAED)
Federal tax incentive program that provides a cash incentive for energy and natural gas R&D.

Sustainable Development Technologies Canada (SDTCC)
Accelerates the development and deployment of globally competitive clean technology solutions through funding and supporting Canadian entrepreneurs.

Funding for Wages & Internships

Alberta Innovates - Industry Associates Program
Up to $110,000 per year for up to two years for a newly trained Capstone or R&D Associate to advance Alberta’s small and medium-size company towards successful commercialization.

Alberta Training to Work Programs
Provides support to employers to increase the skills and employment opportunities for people of all ages.

Career Launcher - grad internship program
Up to $17,000 to help capitalize on the skills and knowledge of work-integrated learning students.

GreenSTEM - fellowship
2-year fellowship for recent graduates and postgraduates to work on R&D that will have a significant impact on the energy sector.

MITACS
For graduate students in the arts, science, and engineering.

NRC - Industrial Research Assistance Program (IRAP - IRAP)
The world’s largest market draws from over 25 years of experience in supporting research and development.

Loans & Investment

Alberta Indian Investment Corporation (AIIC)
Provides loans and equity investments to Alberta First Nation entrepreneurs.

Alberta Women Entrepreneurs (AVE)
Provides programs and services to women at all stages of business through advising, loans, mentoring, and skills and network development.

ATB Financial (ATB)
Offers credit lines and access to expertise and resources to help Alberta businesses start and grow.

Business Development Bank of Canada (BDC)
The bank for entrepreneurs. Offers financing, mentorship, capital, growth & transition capital and consulting services.

Futurpreneur
Provides loan interest relief, mentoring and expertise for 18-39 year olds to help get their start-up off the ground.

Growth

Prototyping, Testing & Tech Validation

ACAMP
Product development center for advanced technology programs, design, engineering, and advanced manufacturing.

Alberta Innovates - C-FER Technologies
Provides full-cost and specialized consulting services for world-class facilities in Edmonton. Advances safety, environmental performance and efficiency in the energy industry.

Alberta Innovates - Innotech
Operates applied R&D facilities for government and industry clients across Alberta.

CanmetENERGY - Devon AB Research Centre
Delivers R&D services in gas-turbine fuel cells and related environmental technologies with a focus on oil sands and heavy oil.

Carbon Management Canada Research Institutes (CMCR)
National research network focused on advancing R&D, training and commercialization of technologies to reduce carbon emissions from the energy systems.

COSIA Environmental Technology Assessment Portal (E-TAP)
COSIA’s online assessment tool for technologies, practical solutions, and research that can accelerate environmental performance improvements in Canada’s oil sands.

COSID Water Technology Development Centre
A dedicated business facility for water treatment technology development for the oil sands.

GreenCentre Canada - CONNECT
Canadian network program that provides Canadian SMEs in the biotechnology and clean tech space access to external services to accelerate the development of their products or services.

NAIT Centre for Sensors & System Integration
Helps develop flexible prototype devices that address sensor-based challenges in resource extraction, agriculture, biomedical, and advanced technology enterprises.

NAIT Distributed Energy Management Initiative (DEMI)
A joint industry-government program that develops and promotes the use of energy management systems.

Olds College Centre for Innovation (OCCI)
Develops a solid business community through cultivating connections and providing spaces that help innovators, entrepreneurs and researchers succeed.

Olds College Smart Farm
A place for agricultural innovation, validation, demonstration and scale-up of smart connected agriculture technology through industry partnerships.

SALT Centre for Energy Research and Clean Unconventional Technology Solutions
Supports applied research and lab facilities for testing and pilot demonstration for clean tech energy solutions.

SAIT Green Building Centre
Develops solutions to improve energy efficiency and reduce energy consumption.

SAIT Green Building Centre
Develops a solid business community through cultivating connections and providing spaces that help innovators, entrepreneurs and researchers succeed.

SALT Green Building Centre
Operating within the department of Civil and Environmental Engineering, SAIT is focused on advancing transportation research and technology development and transfer.

UiA of Centre for Smart Transportation (CST)
Operating within the department of Civil and Environmental Engineering, UiA is focused on advancing transportation research and technology development and transfer.

Download the PDF version of the Alberta Clean Tech Ecosystem Map for five links of all listings: actia.ca

Accelerators – Space, Mentors, & Collaboration

Canadian Environmental Technology Advancement Corporation - WEST (CETAC West)
Supports SMEs in the development and commercialization of new environmental technologies.

Creative Destruction Labs-Rockies (CDL)
A casual-stage program at PCF for modestly scalable, science-based companies; both general technology and energy-specific.

Energy Innovation to Commercialisation Program (2CPC)
Developed energy Canada’s accelerator program.

Foresight
Western Canada accelerator for transformative cleantech startups from Launch to scale.

MaR3
Tomato-based accelerator for Canadian ventures in the circular, biotech, health, and enterprise sectors.

NAIT - Productivity and Innovation Centre (PIC)
State-of-the-art facility providing advanced manufacturing labs, acceleration spaces for small and medium-sized businesses and a dedicated facility for applied research efforts.

Platform Calgary - Telus Incubator & Accelerator
Accelerates innovation driven ventures by providing space, programs, mentorship, and capital, with a focus on big data, digital Health, IoT and smart agriculture.

Startup Calgary
Calgary-based events and programs for invention and conception stage entrepreneurs.

Startup Edmonton
Edmonton-based mentorship, programs, coworking space, community events and support for entrepreneurs as they build and grow tech products.

TEC Edmonton
Provides mentorship, work and space, events, programs and industry-specific access to help innovators, entrepreneurs and researchers succeed.

Tecterra
Calgary-based promotes technology innovation support centres.

Tundra ACE (Acceleration Centre for Entrepreneurs)
Helps Alberta’s local and export oriented commercialization of their near-market-ready technologies that solve some of the energy industry’s biggest challenges.

UofC - Innovate Calgary
The innovation transfer and business incubation centre for the University of Calgary.

WaterNEXT
Helping researchers define the next generation of Canadian water technologies and solutions.

Zone Startup
A global network of accelerators programs transforming innovative ideas and products into world-class companies.

Workspace

Edison Building
Develops a solid business community through cultivating connections and providing spaces that spark creativity in Edmonton.

Platform Calgary - Alastair Ross Technology Centre (ARTC)
Offers more than 220,000 square feet of office and shared space, making it one of Calgary’s largest innovation communities.

Startup Edmonton
Coworking space for entrepreneurs, creators, designers and developers in Edmonton.

Work Nicer Coworking
Alberta’s largest community with outposts in Calgary and Edmonton.
Connections

Ecosystem Advisors & Hubs

Alberta Innovates - Technology Development Advisors (TDAs)
Experienced business advisors based at 19 locations around the province to provide business coaching, connections, and support for all funding programs.

Clean Growth Hub
One-window entry into federal government help for clean technology projects - find and understand what government programs and services may be right for you.

NRC IRAP Industrial Technology Advisors
Provide advice, connections, and funding to help businesses increase their innovation capacity and take ideas to market.

Networking

Alberta Council of Technologies (ABTech)
A point of contact and communication for AITM technology leaders developing alliances for emerging industries.

BioAlberta
Promotes Alberta’s life sciences industry and the products and services of member companies.

Canada’s Oil Sands Innovation Alliance (COSIA)
Accelerating the pace of improvement in environmental performance in Canada’s oil sands through collaborative action and innovation.

Canadian Geothermal Energy Association (CANGEA)
Advocates for Canadian exploration and production of geothermal resources.

nanoCluster Alberta
Advocates, develops, and nurtures a cluster of companies operating in the same and other technology fields within Alberta.

Petroleum Technology Alliance of Canada (PTAC)
Facilitates collaborative R&D and technology development, and partners with industry stakeholders to transform challenges into opportunities.

Rainforest AB
An informal organization of people working together to improve Alberta’s innovation ecosystem.

SHInnovates Alberta
Networking, mentorship and support for female entrepreneurs, Alberta chapter of SHInnovators.

Technology Alberta
A group of people who share a passion for Alberta and its place as a global leader in the advanced technology sector.

University of Alberta eHub
Offers resources, networking opportunities, and funding.

International Opportunities and Funding

Alberta Innovates Global Partnerships
Supports access to funding to develop innovation commercialization projects with a partner in China, Florida, or the Netherlands.

Calgary Trade Accelerator Program
Offers knowledge, resources and coaching to scaling, and develop and execute an export plan. Hosted by Calgary Economic Development.

Canadian International Innovation Program (CPIP)
Supports collaborative industrial research and development projects with institutional funding for commercialization between Canada and Brazil, China, India, Israel, and South Korea.

Canadian Trade Commissioner Service (CTCS)
Federal department that helps companies navigate international markets, and provides funding and support programs for exporters, including access to the global Clean Tech Accelerator program.

Canadian Technology Accelerator Program
A TIC program that opens opportunities in foreign markets through monitoring, workshops in foreign markets and introductions to potential partners, investors and customers.

Export Development Canada (EDC)
Works with Canadian companies and their partners to help reduce the financial risks associated with selling goods or services outside of Canada.

German-Canadian Centre for Innovation and Research (GCCR)
Offering up to $300,000 for commercialization projects with Canadian + European partners; up to $1.8M to research and travel.

Prairie Biosciences Canada (PBC)
Collaboration of life science industry associations dedicated to catalyzing the growth of the clean tech ecosystem in the Prairies through travel and training activities.

Online Directories

Innovation Canada Digital Platform
Find out what everything that the federal government can do for your business.
[navigate to innovation.ca]

Connectica
Alberta’s one portal connecting innovators to funding, programs, services and more.
[navigate to connectica.ca]

Research Facility Navigator
Online directory of research facilities in universities, colleges and hospitals across Canada.
[navigate to researchfacility.ca]

StartAlberta
Portal with information on innovator companies, investors, jobs, news and events.
[navigate to startalberta.com]

Strategic Timelines
Advisors and ideas on over 100 innovative support programs across Canada, updated annually.
[navigate to strategictimelines.ca]

Venture Capital

January
Global Cleantech Forum (SFO)
[navigate to cleantechforum.com/events/upcoming-events]

February
ConvergEX (YYC)
[navigate to convergex.com]

Propel Energy Tech Forum (YYC)
[navigate to propelenergytech.com]

Globe Forum (YVR)
[navigate to globeforum.com]

March
Canadian Financing Forum (YVR)
[navigate to financingforum.com]

April
AccelerateAB (YYC)
[navigate to accelerateab.com]

June
Inventures (YYC)
[navigate to inventures.com]

Global Petroleum Show (YYC)
[navigate to globalpetroleumshow.com]

Collision (YYZ)
[navigate to collision.ca]

July
New York Venture Summit
[navigate to newyorkventure.com]

September
Energy Disruptors (YYC)
[navigate to energyd.aspx]

WETFEC (ORD)
[navigate to wtfes.org]

October
ERA Spark (TEG)
[navigate to eraspark.com]

Banff Venture Forum, Banff
[navigate to banffventureforum.com]

RPM Tech, Banff
[navigate to rpmtech.ca]

November
Decentralized Energy Forum, Banff
[navigate to deenergymap.com]

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We welcome comments & corrections to take into account for the next update. Please send to: map@actia.ca.

ACTIA MEMBERS

ACTIA is the only multi-stakeholder, province-wide and industry-focused group working to support Albertans developing clean technology.

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