

THERES FUNDING™: Training, Hiring, Expansion, R&D, Environment and Sales

T Training

The [Canada Ontario Job Grant](#) will contribute up to 100% of out-of-pocket costs towards employee training to a maximum of \$15,000/trainee. Eligible costs include tuition/trainer fees, training materials, clothing and tools, employee travel over 48 km. return, facility rental as well as examination, student tuition and examination expenses. Training can not exceed one year in duration and be delivered by a university, college or school, or a government recognized union or private training institution or a for-profit organization that has been offering instruction for at least 2 years in a field which the organization has expertise gain over a period of no less than 4 years. Vendor training (i.e., training associated with the purchase of new equipment or services) is ineligible as is mandatory, executive, apprenticeship, and preparatory instruction. Ontario companies with more than 100 employees must contribute 50% towards eligible costs and can receive a maximum of \$10,000/trainee. Businesses with less than 100 employees are eligible for \$15,000/trainee and need to contribute 1/6th of related expenses for training existing employees and contribute zero towards training new personnel. Companies with more than 500 employees are not entitled to receive funding for senior management-related instruction. There is no limit on the amount of funding requested or the frequency and number of applications, which can be made. Please note that similar programs exist across Canada.

Ontario's [Achievement Incentive](#) offers up to \$7,000 towards the cost of apprenticeship training and certification.

- \$1,000 milestone payments for each level of in-class training completed by the apprentice, up to a maximum of 3 levels (i.e., Levels 1-4 In-Class Training))
- an additional \$1,000 payment once the apprentice achieves the highest level of trade certification in their respective trade, such as Certificate of Apprenticeship or Certificate of Qualification

Funding is exclusive to incorporated businesses with provincially approved apprenticeship training agreements. The program will support costs incurred up to 365 days from the date of requesting support. Note: In addition to the above-described incentive, Canada's [Apprentice Service Program](#) offers funding of up to \$10,000 for forest sector companies.

Canada's [Apprenticeship Job Creation Tax Credit \(AJCTC\)](#) is a non-refundable investment tax credit (ITC) equal to 10% of the eligible salaries and wages payable to eligible apprentices in respect of employment after May 1, 2006. The maximum credit an [employer](#) can claim is \$2,000 per year for each eligible apprentice. If your business hires an eligible apprentice, you qualify to claim the credit. An eligible apprentice is someone who is working in a prescribed trade in the first two years of their apprenticeship contract. This contract must be registered with a federal, provincial, or territorial government under an apprenticeship program designed to certify or license individuals in the trade.

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Hiring

Canada's [Science Horizon Internship Program](#) is advertising 80% up to \$25,000 in grant funding to hire post-secondary graduates for internships in clean technology related jobs. "Clean technology" includes any process, good, or service that reduces environmental impacts through:

- Activities which prevent, reduce, or eliminate pollution or any other degradation of the environment.
- Resource management activities resulting in more efficient use of natural resources, thus safeguarding against their depletion; or
- The use of goods that have been adapted to be significantly less energy or resource intensive than the industry standard.

The program also offers up to \$5,000 towards skills development, training costs, and/or other employment needs. Subsidized interns must be 30 years old or younger, have graduated from a recognized post-secondary program and currently unemployed or under employed. Interns must also be a Canadian citizen, permanent resident or have been granted refugee status. Internships are to be full-time positions (i.e., 35 hours per week) and 6-12 months in duration. **Accepting applications for April 1, 2024, start date. Apply now!**

Canada's [Environmental Foreign Talent Development \(EFTD\)](#) program contributes 75% up to \$15,000 in grant funding for 3-6 months towards the wages of hiring a new immigrant (i.e. newcomer) to Canada. Positions must be full-time and be in an environmentally related role. Eligible newcomers are Canadian permanent resident or having refugee status or holding a valid work permit. Additionally, newcomers must:

- Have international environmental work experience.
- Have graduated from a recognized international post-secondary institution with a 2-year diploma or 4-year degree •
- Achieved a Canadian Language Benchmark of 7 or equivalent.
- Be currently underemployed or unemployed.

As part of this program, participants will take part in a comprehensive training and bootcamp to enhance their skills and., expand their network. **Currently placing applicants on a waiting list as the program expects to receive more money within the next 4 months.**

Canada's [Digital Skills for Youth](#) program offers 80% grant funding up to \$18,000 to hire a post-secondary graduate for an environment-focused position requiring digital abilities. Examples of eligible positions include:

- Cleantech innovation and sustainable technology initiatives.
- Digital marketing.
- Developers that create environment-related digital media, apps, or software
- GHG specialists in charge of predictive modeling or the analysis of emissions.
- Drone operators that monitor agriculture, land and/or remote sites or wildlife corridors.

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- GIS specialists that use software to analyze mapping data or databases that surround environmental monitoring.
- Analysts and IT specialists working with EHS data.

All Canadian businesses with less than 500 employees are eligible, however, the positions must be for a minimum of 3 months plus offer the new hire skills and experience to increase employability. The new hire is to be 15 to 30 years old, a Canadian citizen, permanent resident, or refugee, who is unemployed, underemployed, or working part-time. New hires for positions in the Territories only require a secondary school diploma. Only one applicant per company. **Accepting applications. Apply now!**

Canada's [Youth Employment Program](#) is available to Canadian companies that have less than 500 employees. This fund will pay up to 50% of a new employee's wages to a maximum of \$20,000. Normally, the program will not simultaneously support more than 2 employees per company. Employment must be full-time for a minimum of 6 months, and be in a technical (e.g., logistics, information technology, engineering, quality control, etc.), or marketing related field. Eligible employees must be between the ages of 19 to 30, have been out of school for two years, and have a college or university diploma/certificate. Eligible employers must have the ability to adequately train, and mentor program-supported employees. **This program is managed by the Industrial Research Assistance Program (IRAP) which can be challenging to work with.**

Canada's [Student Work Placement Program Coop](#) advertises grant funding of 50% up to \$5,000 towards the cost of hiring a college or university student currently enrolled in a Science, Technology Engineering, Art, Math, and Business program. Funding is for supporting 6 to 16 weeks of full-time employment (minimum of 180 hrs.) in an environmental-related position. **Applications are open for Spring and Summer 2024.**

Canada's [Youth Employed in Natural Resources](#) program will contribute 75% up to \$18,000 towards the wages of a new employee (candidate) for up to 12 months. Employers must be in the natural resource sector or undertaking activities focused on achieving positive environmental outcomes (e.g., component manufacturer for electric vehicles). Qualifying sectors and positions include but not limited to:

- Forestry: forestry and support activities; ecology & management; non-traditional forest-based bioeconomy products manufacturing; solid wood product manufacturing; pulp & paper product manufacturing
- Energy: clean energy technology; energy efficiency/fuel switching; transmission, smart grid, energy storage; sustainable development of non-renewable resources
- Mining, Minerals & Metals: prospecting & exploration; processing & manufacturing, construction & development; mining supply & services; extraction & milling; reclamation closure & maintenance.

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- Earth Sciences & Support: environmental assessment; natural hazard risk analysis & prevention; environmental protection; geomatics & earth observation; sustainable development

Candidates must be 15-30 years old and a Canadian citizen, permanent resident or have refugee status, plus be unemployed, under employed, or a student/recent graduate. Funding for self-identifying equity deserving candidates (e.g., persons with a disability, Indigenous, Persons living in a rural or remote location including one of Canada's territories are eligible to receive 75% up to \$30,000 in support. **Accepting applications for April 1, 2024, start date. Apply now!**

Northern Ontario's [People & Talent Program](#) is comprised of two funding streams for hiring interns:

- [Workforce Development Stream](#) For businesses, funding is 50% of an intern's salary, to a maximum of \$35,000/year. For municipalities, Indigenous Communities and not-for-profit organizations, funding is 90% of an intern's salary, to a maximum of \$35,000/year.
- [Indigenous Workforce Development Stream](#) For businesses, funding of 75% of an indigenous intern's salary, to a maximum of \$52,500/year. For municipalities, Indigenous Communities and not-for-profit organizations, funding is 90% of an indigenous intern's salary, to a maximum of \$35,000/year.

These streams contribute to intern salaries/wages and employer portion of Mandatory Employment Related Costs (MERCs) (e.g.: Canada Pension Plan, Employment Insurance, mandatory minimum vacation pay) for a limited-term internship position of 52 weeks (min. 35 hours/week). Interns must be new entrants into the workforce, or transitioning to a new career, or unemployed or underemployed. Additionally, interns can not have previously participated in a [NOHFC](#)-funded internship, are at least 18 years of age, plus reside, and be legally entitled to work, in Canada. To qualify for the Indigenous Workforce Development funding stream, the internship candidate must identify as an Indigenous person (First Nation, Metis, or Inuit).

Applying businesses, municipalities, Indigenous communities, and not-for-profit organizations must be in Northern Ontario, have been in operation for at least one year and have a minimum of one full-time employee. These organizations are eligible for two concurrent internships. Colleges, universities, and research institutions may be eligible for up to up to five research positions, in addition to two regular internship positions.

Canada's [MITAC ACCELERATE \(MITAC\)](#) internship program offers businesses funding towards the cost of contracting a graduate or post graduate student to carry out applicant needed research. MITAC funding is calculated at 50% up to \$7,500 per maximum 6-month internship term. Applicants can receive support for engaging Master level students up to two terms (i.e., \$15,000 funding for 12 months) and/or PhD level students for up to four terms (i.e. \$30,000 funding for 24 months). Additional program support may also be provided if the

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applicant is hiring three or more interns. At least 66% of MITAC support must be applied against intern wages with the remaining monies to be used to pay for intern travel plus lab materials and supplies. The intern must spend at least 50% of his or her time at the business's operation and no less than 25% at the university. Interns do not need to be Canadian citizens. Please note that the applicant's contribution to the internship is eligible for various federal and provincial research and development tax incentives.

Expansion

Ontario's [Forest Sector Investment and Innovation Program](#): offers 30% 4-year interest-free loans towards projects costing \$3 million or more. Of the loan, up to 50% may be forgiven if project hiring and investment targets are reached. Funding is for equipment, building retrofits, export marketing, R&D, training, plus project-related wages. Available to Ontario wood product manufacturers and processors. Projects are assessed on number of jobs to be created and overall benefits to the sector and to Ontario. Repayment loan rate is 3%. **Deadline for submitting preproposals is June 21, 2024.**

The [Advanced Wood Manufacturing Digital Integration Transformation Program](#) offers 45% grant funding up to \$45,000 for investments in digital integration. Eligible expenditures include:

- Robotic/automated equipment (max 20% of eligible costs)
- Consulting and professional services
- Internet of Things (IoT) optimization
- Supply-chain digitalization
- Employee training and wages
- Upgrades and modifications that facilitate or enhance digital integration.
- Software (e.g., ERP systems) and hardware (e.g., computers, tablets, supplies)

Applications will be accepted from incorporated businesses operating in Southern Ontario* with fewer than 500 employees. Membership to the [Wood Manufacturing Cluster of Ontario](#) is required. **Funding is limited.**

The [Ontario Forest Biomass Program](#) offers non-repayable (i.e., grants) of up to \$10 million towards that will expand the sustainable use of forest biomass and enhance the provinces forest biomass supply chain. Eligible applicants include Ontario businesses, municipalities, Indigenous communities, and not-for-profit organizations.

The program consists of four streams:

[Indigenous Bio-Economy Partnerships](#): Up to 80% funding to a maximum \$250,000 for projects that support Indigenous-owned businesses operating in Ontario's forest sector and bioeconomy, as well as lead to social, economic, and environmental benefits for Indigenous communities. As well as eligible expenses listed below, the program will also support land leases for demonstration plants.

[Exploring Biomass Pathways](#): Up to 80% funding (maximum \$130,000) for private sector projects that improve public/private sector understanding about the feasibility, capacity,

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economics, and environmental impacts of forest biomass technologies. Funding is for engineering and feasibility studies, pre-commercial and commercial scientific trials as well as operational and technical requirement assessments, for projects that use forest biomass as a primary feedstock. As well as eligible expenses listed below, the program will also support land leases for demonstration plants.

[Innovative Bioproduct Manufacturing](#): Up to 50% project funding (maximum of \$5 million) for the development and commercialization of new and/or innovative technology that will increase the use of forest biomass in Ontario (e.g., replacing another material with biomass resulting in a reduction in GHG emissions, and/or commercializing other novel uses of biomass. In addition to the below-list eligible expenses, plant retrofits and 3rd party R&D/validation costs are covered under this stream.

[Modernization](#): Up to 35% funding (maximum \$10 million) for projects focused on the modernization and expansion of existing bioeconomy facilities, infrastructure, and technologies (e.g., upgrading production processes, improving efficiency, and adopting sustainable practices).

Eligible project costs include, but are not limited to:

- professional, technical, and legal services
- salaries and benefits
- planning and design
- training and skills development
- equipment purchase, and installation
- facility rentals
- permits and approvals.
- project-related overhead.

Office equipment, land and vehicle purchases are ineligible.

Forest biomass refers to all biological material (living and dead) in forested landscapes. This program focuses on 2 types of forest biomass that can be converted into bioproducts through new and existing industrial processes.

1. Forest biofibre: composed of forest resources (trees or above-ground tree parts) that are not used for conventional forest products.
2. Mill byproducts: composed of residues.

Next deadline for applications is May 31, 2024, at 11:59 p.m. EST.

Canada's [Green Construction through Wood \(GCWood\)](#) program offers 50% grant funding up to \$1.4 million towards demonstration projects that advance the use of wood as a low-carbon building material. Eligible applicants include Canadian businesses, not-for-profit organizations, academic institutions, Indigenous groups, and governmental entities. To support the increased use of wood in eco-friendly construction, funding is offered for the following:

[Schematic Designs](#) (up to \$400,000): Developing the design of wood or wood-hybrid infrastructures (e.g., engineering designs, LCA and feasibility studies, R&D, etc.).

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Designs must be related to a project that increases the use of wood in construction and reduces greenhouse gas emissions.

Innovative Wood Construction Solutions (up to \$1,000,000): Implementing sustainable and innovative methods, technologies, processes, or assemblies for wood construction (e.g., building retrofits, prefabrication, modular construction). Funding is available for wood or wood-hybrid construction projects.

Advanced Bio-Based Products (up to \$1,000,000): Using advanced wood-based products to replace traditional construction materials and lower carbon emissions (e.g., wood fibre insulation, wood-based cladding panels).

Eligible expenditures include:

- Employee salaries and benefits
- Professional consulting and technical services
- Data acquisition and technical equipment/materials/software
- Travel and accommodation
- Construction documentation and permit fees
- Design, engineering, and testing
- Project-related overhead (maximum 15% of eligible expenditures)
- GST, PST or HST, net of any tax rebates
- Demonstrations and related costs

Projects expenses may be incurred until 31 March 2026. Interested applicants must submit an **Expression of Interest (EOI) no later than 30 June 2024**.

Canada's [Investments in Forest Industry Transformation \(IFIT\) Stream 1: Capital Projects](#) advertises 50% grant (non-repayable) funding up to \$10 million to develop/adopt transformational technologies and diversify forest-products, strengthening the competitiveness of Canada's forest sector as well as improving economic and environmental sustainability. Eligible applicants are existing businesses that produce forest products or new entrants in the forest sector with market ready innovations. **Deadline for applications is June 30, 2024, however, apply now as funding is nearly exhausted.**

The [Southwestern Ontario Development Fund](#) (SODF) contributes 15% up to \$5 million in grants and four-year interest-free loans towards investments that create jobs and lead to economic growth. Eligible expenditures include equipment, consulting services, facility retrofits and expansions, as well as employee training and other project-related costs incurred over a 3-to-4-year period. Businesses are required to have 3 years financial statements and be (or plan to be) located a Southwestern Ontario county: (Brant, Bruce, Chatham-Kent, Dufferin, Elgin, Essex, Grey, Haldimand, Huron, Lambton, Middlesex, Niagara, Norfolk, Oxford, Perth, Simcoe, Waterloo, and Wellington).

Businesses in rural communities with populations under 100,000 may receive up to \$500,000 as a grant only. These businesses must have at least 5 employees and are required to make investments of no less than \$200,000. Applicants in communities with populations of 100,000 plus may receive 15% up to \$5 million as an interest-free loan. These businesses must have

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10 or more employees and plan to invest at least \$500,000. Up to 30% of the loan is forgivable to a maximum of \$500,000 if the applicant achieves its hiring and investment targets. Strategic new investments to Ontario (companies without a presence in Ontario), or companies whose investment plans (including new mandates, expansions, or re-shoring/relocation) are subject to significant risk due to incentives offered from other jurisdictions, are eligible to receive 15% up to \$1.5 million as a grant.

Businesses with 15 or more employees must create 5 jobs by project completion. Companies with fewer employees are required to increase their workforce by 30%. Only costs incurred after approval are eligible for funding. **Next application intake and deadline April 11, 2024 – May 30, 2024.**

Ontario's [Eastern Ontario Development Fund \(EODF\)](#) contributes 15% up to \$5 million in grants and four-year interest-free loans towards investments that create jobs and lead to economic growth. Eligible expenditures include equipment, consulting services, facility retrofits and expansions, as well as employee training and other project-related costs. Projects must be between 3 and 4 years in length undertaken by businesses located or plan to be in one of the following Eastern Ontario counties: Frontenac, Halliburton, Hastings, Kawartha Lakes, Lanark, Leeds, Grenville, Lennox, Addington, Muskoka, Northumberland, Ottawa, Peterborough, Prescott, Russell, Prince Edward, Renfrew, Stormont, Dundas, or Glengarry. Additionally, applicants are required to have 3 years of financial statements and represent one of the following sectors: manufacturing, processing, information or communication technology, life sciences, tourism, or the cultural industry.

Applicants in rural communities with populations less than 100,000 can receive the first 15% funding up to \$500,000 as a grant but are required to make an investment of no less than \$200,000 and create 5 jobs. Applicants in rural communities with populations more than 100,000 are required to invest \$500,000 and create 10 jobs to be eligible for the 15% interest-free loans of up to \$5 million, of which, 30% up to \$500,000 is forgivable if the applicant achieves its hiring and investment targets. Strategic new investments to Ontario (companies without a presence in Ontario), or companies whose investment plans (including new mandates, expansions or re-shoring or location/relocation) are subject to significant/substantive risk due to incentives offered from other jurisdictions are eligible to receive the first \$1.5 million in funding as a grant. **Next application intake and deadline April 11, 2024 – May 30, 2024.**

Northern Ontario's [Invest North](#) offers 3 programs supporting expansion of [Northern Ontario businesses](#).

- 1) [Launch Stream](#): (for business start-ups) 50% up to \$200,000.
- 2) [Grow Stream](#) (for business expansion): 20% up to \$400,000 in a grant, or 20% up to \$400,000 in a grant plus 35% up to \$600,000 in an interest-free loan, or 50% up to \$1 million in an interest-free loan. **Next deadlines for submitting full applications are July 31, October 31, and April 30.**

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- 3) [Locate Stream](#) (for businesses wishing to locate in Northern Ontario): up to 50% to maximum of \$5 million in grants and interest-free loans.

To be eligible applicants must be involved in agriculture, mining, forest products, manufacturing, technology, processing, telecommunications, resource-based, cultural, adventure and nature-based tourism plus other business activities that will result in an economic development advantage for Northern Ontario.

Eligible costs include, but are not limited to:

- Capital construction costs and leasehold improvement related to the expansion of existing businesses in Northern Ontario that result in job creation in the North.
- Purchase of new or used equipment/ machinery that results in job creation in Northern Ontario
- Marketing and staff training (program contribution is 20% to a maximum of \$75,000)
- Intellectual capital (e.g., human capital, information capital, brand awareness and instructional capital) that results in job creation in Northern Ontario
- Other capital investments by an enterprise that result in job creation in Northern Ontario.

Ineligible project costs and activities include, but are not limited to:

- Retail business as well as mining exploration and underground development activities
- Business and strategic plans and feasibility studies, and research and development costs
- R&D, project management, administration, maintenance, and consulting costs

Land acquisition, rolling stock, working capital, inventory, and infrastructure (e.g., water, sewer, hydro, roads, parking lots and landscaping).

Ontario's [Ready 4 Market](#) program invests up to \$250,000 to supports early-stage companies (i.e. incorporated no more than 5 years) that are raising pre-seed and seed investments (total round sizes range from \$500,000 to \$2 million). Companies that have raised less than \$1 million in third-party capital (excludes friends and family) are eligible for their first MR investment of \$125,000. All applicants must currently or previously be affiliated with [campus linked accelerator](#), incubator, or [on-campus entrepreneurship activities](#) in Ontario, or currently or previously affiliated with a [Regional Innovation Centre](#) and have previously received funding from other OCE programs (excluding the TalentEdge Program). Companies with their team/IP origin at a university ("university spin-out"), college or research hospital are also eligible, even if not [Campus-Linked Accelerator-affiliated](#). **Chances of securing funding are less than 15%.**

Research

Canada's [Industrial Research Assistance Program IRAP](#) contributes up to 80% towards internal R&D costs (i.e. employee wages) and up to 50% towards external R&D costs to a maximum of \$500,000. External costs include 3rd party scientists, researchers, engineers,

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and technician fees as well as project-related equipment, material, and laboratory expenses. Typically, the program does not fund research costs done outside of Canada or by foreign persons, organizations or businesses unless such expertise is not domestically available. To qualify, businesses should have 2 years financials and 500 employees or less. No workforce size restriction applies to companies in remote communities. Support is available for projects of up to three years in duration. Often the first award is \$50,000 or less.

Canada's [Scientific Research and Experimental Development \(SR&ED\)](#) program provides tax credits and/or tax refunds covering 15% to 40%+ of research and development (R&D) expenses related to working towards a solution to a technical uncertainty, i.e. you cannot buy or find the solution, plus there is risk that the solution may not be found. Eligible expenses include:

- internal wages
- Canadian third-party contractors and costs including payments made to engineers, technicians, research laboratories/institutions, associations engaged in finding a solution as well as test equipment and facility rentals needed to undertake the R&D project,
- Materials and project related overhead

SR&ED projects encompass creating, developing, modifying, or improving products, processes, and technologies. Examples of possible projects include, but in no way limited to finding a solution for curing a disease, reducing GHGs, improving productivity, building a better mouse trap, creating Artificial Intelligence to make politicians more effective, for increasing gambling odds, developing processes to improve food stability, etc. Examples of non-eligible expenses include hiring a consultant that already knows the solution. However, paying an engineering company or internal staff to identify, develop and test possible technical methods/solutions is an eligible expense. SR&ED expenses be incurred be up to 18 months from your latest fiscal year-end.

Canada's [NSERC Ideas to Innovation](#) will contribute up to \$475,000 towards Canadian private sector investment for early-stage evaluation and commercialization of university or college generated technologies, processes or product innovations. **Next deadline is June 25, 2024.**

Canada's [Alliance Grants](#) promotes joint research activities between Canadian companies and universities. 66.7% funding up to \$1 million towards university costs related to research such as training, testing, and product development.

The [Ontario Business Research Institute Tax Credit](#) offers a 20% up to \$4 million refundable tax credit (i.e. given regardless if taxes owed) against expenses charged by an Ontario institution to undertake research on behalf of a Canadian corporation.

Environment

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Canada's [Strategic Innovation Fund Business Growth and Development \(SIF\)](#) offers up to 50% interest-free loans of no less than \$10 million towards business R&D, commercialization, expansion, growth, investment attraction and reinvestment.

[Research and Development/Commercialization](#) of product/technology or process at [Technology Readiness Levels \(TRL\) 1-9](#). Project examples include:

- R&D to test the commercial potential of early TRL concepts or findings,
- adaptation of research findings for commercial applications that have the potential to disrupt the market.
- development and improvement of current products by implementing new technology that will enhance the company's competitive capability.
- process improvements reducing the environmental footprint of current production by using new technologies.

[Firm Expansion and Growth](#) expansion or material improvement of existing industrial or technological facilities. Activities must be a Technology Readiness Levels (TRLs) of 8 to 9, where the new product or technology has been qualified through tests and demonstrations and/or been proven successful. Project examples include:

- increasing manufacturing capacity to meet demonstrated market demand.
- improving production efficiency through plant and equipment improvements

[Investment Attraction and Reinvestment](#) supports new investments in R&D leading to significant hiring of full-time-equivalent employees in Canada. Activities for these projects should be a minimum of Technology Readiness Level (TRL) 2, where the technology concept or application has been formulated. These projects should support the establishment of new facilities or bring new ventures to Canada. Project examples include:

- a Canadian company establishing a new production facility that did not previously exist in Canada.
- getting a production mandate for a product previously produced outside Canada or being produced for the first time.
- getting a research and development mandate previously held outside Canada or being established for the first time.

Supported costs include project-related direct labour, overhead, subcontracts, consultants, direct materials, equipment, and land/building purchases. Applications will be assessed on the project's level of innovation, economic benefits and resulting benefits to Canada.

Canada's [SD Tech Fund](#) will contribute up to 40% to a maximum of \$10 million (typically 33% and between \$2 to \$4 million) towards the development and demonstration of new technologies that reduce the effects of climate change or improve air, soil, or water quality. Projects must have regional or national impact and market relevance within the energy, power, transportation, waste, agriculture, or natural resources sectors. All goods and services

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required for project activities are considered eligible expenses, including • capital items having no residual value • Professional/technical personnel salaries • Conference/travel costs • Prototypes • Pilot plants • Data collection equipment • Land lease. Applicants must be for profit and have expertise in clean technology. Additionally, applicants must form a consortium that includes at least one other partner (recommended that applicants seek partners who are either end users or able to validate the need and market for the technology).

Canada's [SEED FUND](#) program advertises 33.3% funding of \$50,000 to \$100,000 to support promising early-stage Canadian entrepreneurs to innovative technological projects with economic and environmental benefits. To be eligible applicants must:

- Be nominated by one of the program's [partner accelerators](#) and be a Canadian-owned company operating in Canada.
- Have an idea that brings technology to bear on a significant environmental problem and an entrepreneurial team with the skills to take that idea to the next level.
- Be past the R&D stage and looking to take the first steps towards figuring out how to commercialize your idea.
- Be able to describe how your idea will demonstrate quantifiable environmental benefits (i.e., GHG reduction, circular economy, promoting well-being for humans and our environment.).
- Have raised at least twice the amount of requested funding through private equity sources, not including monies from friends and family.

With up to 100 companies funded annually, funding rounds open every 3-4 months with a timeline of just 8 weeks to move from application submission to payment.

Ontario's [Natural Gas Conservation Programs](#): offers funding for audits, equipment and processes that will reduce gas consumption in commercial, industrial and agricultural (e.g., greenhouses) facilities. Funding is usually between .20 to .25 per m³.

Canada's [Green Freight Program Stream 1](#) is advertising 50% grants funding up to \$250,000 annually per applicant towards Third-Party Fleet Energy Assessments and Truck/Trailer Equipment Retrofits for Class 2B, 3 to 8 heavy-duty vehicles (only).

For "Basic Third-Party Energy Assessments", to explore fleet retrofits and small-scale logistical best practice projects, program support is 50% up to \$20,000. For "Enhanced Third-Party Energy Assessments", to explore complex and large-scale engine repower, alternative fuel truck purchase and logistical best-practice projects, funding is 50% up to \$40,000.

Funding for Truck/Trailer Equipment Retrofits are:

[Aerodynamics Retrofit Devices](#)

- Side Skirt: installed on the underside of a trailer to reduce air flow and turbulence in front of the rear wheels. Funding is 50% up to \$2,500/device.
- Boat Tail: to reduce drag from trailer back-end low-pressure wake. 50% max. \$2,500/device.

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- Under Fairing: installed under the trailer to channel air flow for reduced turbulence. 50% max \$2,000/device.
- Tractor-Trailer Gap Reduce: attached to the trailer front minimizing tractor-trailer gap and reducing air turbulence. 50% max \$1,000/device.
- Aerodynamic Splash Guard: reduces drag by redirecting or blocking less air compared to conventional splash guards. 50% max \$80/device.

Anti-idling Retrofits Devices

- Cab Heater: provides heating, reducing the need for idling the primary engine to power onboard systems. 50% max. \$2,000/device.
- Cab Cooler: provides cooling, reducing the need for idling the primary engine to power onboard systems. 50% max \$3,000/device.
- Coolant Heater: mounted in the engine compartment and uses the truck's integrated heat-transfer system to draw fuel from the fuel tank to heat the vehicle's coolant, and pumps the heated coolant through the engine, radiator, and heater box. 50% max. \$1,500/device.

Auxiliary Power Units Retrofits

- Diesel/conventional APU: provides electricity, heating, ventilation, and air conditioning from a smaller diesel engine, instead of the main engine, burning less fuel providing the same services. 50 max. \$10,000/unit.
- Electric APU: provides electricity and, in some cases, HVAC without burning any fuel during operation. 50% max. \$10,000/unit.
- Electric APU, paired with solar panels: provides electricity without burning fuel during operation supplementing other power sources. 50% max of \$10,000/unit.

Tires Retrofits

- Low rolling resistant tires: whether in a dual or a wide-base configuration for fuel saving. 50% up to a max of \$1,500/device.
- Automatic tire inflation system: monitors tire inflation pressure relative to a pre-set target and re-inflates tires whenever the detected pressure is below the target level. 50% max. \$1,000/device.
- Tire pressure monitoring system: improves commercial motor vehicle safety and fuel economy by automatically measuring and indicating air pressure plus relaying tire air pressure information to operator. 50% max. \$1,000/device.

Other Devices

- Diesel-electric refrigeration units (highbred): reduces demand from main diesel engine to cool contents of trailer. 50% max. \$15,000/device.
- Electric refrigeration units: Electric refrigeration unit that eliminates demand from main diesel engine to cool contents of trailer. 50% max. \$12,000/device.
- Telematics: for collecting real-time data using the mix of sensors, GPS technology, and onboard diagnostic codes. 50% max. \$700/device.

To be eligible for a Truck/Trailer Equipment Retrofit Grant, the Applicant's fleet must have had a Fleet Energy Assessment done before purchasing any fuel-saving device(s). The

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Assessment should analyze and recommend the device(s) to be purchased. The Applicant can submit an internally conducted assessment or submit one created by a third-party made on or after January 1, 2019. The assessment must meet the criteria outlined in [NRCan's Fleet Energy Assessment Checklist](#). Activities satisfying all program requirements as well as completed and paid in full on or after December 12, 2022, are eligible for funding. Self-assessments are not eligible for funding or are softwood lumber companies and those that are vertically integrated with softwood lumber companies. Applicants must have in their fleet one or more heavy-duty vehicles that is for business use, licensed, insured and has been in service for at least one year in Canada.

Northern Ontario's [Invest North Innovation Stream](#) offers up to 50% in grant funding up to a maximum of \$500,000 towards applied research and development projects, and up to 50% to a maximum of \$2 million towards applied research & development and demonstration & commercialization combined or demonstration & commercialization projects.

Eligible applied research & development activities and associated costs include, but not limited to:

- Direct internal technical labour costs
- Prototyping costs (engineering and design services and component purchase, fabrication, and installation costs)
- Product testing
- Intellectual property protection costs
- Research and development services provided by public sector partners.

Eligible demonstration & commercialization activities and associated costs include, but are not limited to:

- Direct internal technical labour costs
- Building or renovation costs specifically related to the commercialization of the new technology.
- Prototype demonstration costs (engineering and design services and equipment purchases, fabrication, and installation costs)
- Material costs
- Product certification costs.
- Research and development services provided by public sector partners.
- Marketing costs (in-person or virtual trade show assistance and marketing material design costs) - limited to 20% of total eligible project costs.

The [Sustainable Manufacturing Program](#) advertises 35% grant funding to a maximum of \$5.25 million to support collaborate projects, i.e., investment and participation of more than one business. Projects should demonstrate how they will support Canada's 2030 Emissions Reductions targets and transition to a net-zero carbon economy. Here are some key outcomes that projects should address: • GHG emissions reductions. • Improved energy efficiencies and lower natural resource consumption. • Operational efficiency gains. • Waste reduction. • Use of recycled/sustainable materials. • Total life cycle product management and

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closed-loop manufacturing. • Circular manufacturing of materials. • Creation of new revenue streams/business models.

Funding for equipment purchases as well as for hiring consultants is limited to 25% of project cost.

The organization administrating the program charges a 14% success fee (contingency) for approving your project. This is to be paid for 9 months following the applicant's project launch.

Deadline for applications is June 26, 2024, at 5:00 pm Eastern Time.

Sales

Canada's [CanExport](#) program offers funding of up to 50% to a maximum of \$50,000 for developing export markets. Eligible activities include, but are not limited to:

- Promoting including online advertising on social media, online marketplaces, and social media plus Search Engine Optimization
- Hiring consultants for digital and e-commerce marketing as well as market research (up to \$50,000)
- Translating, adapting or creating marketing materials.
- Securing legal advice as well as IP production and international certification
- Participating in online tradeshows including engaging interpreters and product promotion*
- In-person participation in tradeshows, trade missions, networking functions, meetings and conferences.
- Travel to target markets .

Applicant targeted country or subnational markets must have previously generated less than \$100,000 in revenues or no more than 10% of entire sales. The United States is divided into 5 subnational markets and China, Brazil and India are divided into 4 subnational markets. Eligible applicants are Canadian incorporated/limited liability partnership businesses that have less than 500 full time employees and generate \$100,000 to \$100 million in annual sales revenue. Project expenses must be at least \$20,000 to be considered for funding. Applicants can submit one application per government fiscal year (i.e., March 31) but must have completed their initial export project prior to re-applying. **Deadline for applications is 5:00 pm. EST May 31, 2024.**

The [Advanced Wood Manufacturing Digital Integration Transformation Program](#) offers 45% grant funding up to \$45,000 for investments in digital integration. Eligible expenditures include:

- Robotic/automated equipment (max 20% of eligible costs)
- Consulting and professional services
- Internet of Things (IoT) optimization
- Supply-chain digitalization.
- Employee training and wages
- Upgrades and modifications that facilitate or enhance digital integration.

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- Software (e.g., ERP systems) and hardware (e.g., computers, tablets, supplies)

Applications will be accepted from incorporated businesses operating in Southern Ontario* with fewer than 500 employees. Applicants must be members of the Wood Manufacturing Cluster of Ontario.

Ontario's [Digitalization Competence Centre](#) provides funding to assist Ontario SMEs in better understanding, transforming, modernizing, optimizing and/or selecting digital technology. The Centre's [Digital Modernization and Adoption Plan](#) program offers 50% grant funding up to \$50,000 for hiring a Digital Adoption Consultant to assist in developing a strategy and Digital Technology Adoption Plan. Recommendations from this Plan can then be used to request funding of 50% up to \$150,000 from the Centre's [DCC Technology Demonstration Program \(DCC Demo\)](#) program. Eligible recommended Plan expenses include:

- website search optimization (cannot be the only eligible expense)
- social media advertising (cannot be the only eligible expense)
- installation of a technology platform (including subscription fees/costs)
- back-office solutions to support a technology strategy.
- creation of customer databases
- development of new technology
- upgrading existing technology site for added functionality (i.e., new plugins, or features); please note, re-design of an existing site is not eligible.
- Software (e.g., to track and manage product inventory and/or fulfill and ship orders • product databases • to track sales, market to customers, offer discounts, maintain a loyalty program • to simplify marketing • cyber security software of certifications • hardware and accompanying software up to 20% of total grant amount).
- salaries of technical staff essential for the Plans implementation

Only expenses incurred after funding approval will be supported. Being approved for the Digital Modernization and Adoption Plan does guarantee DCC Technology Demonstration Program participation in funding. Additionally, requests for DCC Demo funding must include agreed participation by the Vendor supplying the technology in reporting outcomes. To be eligible companies must be incorporated, operating in Ontario and have 1-499 employees. It is also desirable to have at least \$500,000 in revenues plus 3 years of financials. **Support is limited. Apply early.**

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