

Provincial, Federal and Other Environmental Funding and General Information Sources for Small to Medium Enterprises (SMEs), Municipalities and Others

October 16, 2008

| Name | Sponsor | Eligibility | What is Funded | Amount | Deadline | Website |
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| ALBERTA – Environmental | | | | | | |
| <i>Conservation Fund</i> | Alberta Conservation Association | Any organization or individual | Conservation work in Alberta | Various amounts | Next funding opportunity Jan. 31/09 | http://www.ab-conservation.com/grants/index.asp |
| <i>Alberta Ecotrust</i> | Alberta Ecotrust raises and distributes funds | Non-governmental organizations, school/parent associations, student/youth groups, community associations & service groups | Environmental projects | Community Grants – max. \$7,500 Major Project Grants – max. \$30,000 Multi-year Implementation Grants – max. \$60,000 | April 15 and October 15 each year. Letter of Intent – March 1 and Aug. 15. | http://www.albertaecotrust.com/ |
| <i>Alberta Environmentally Sustainable Agriculture (AESAs) Processing Based Program</i> | Government of Alberta – Agriculture, Food and Rural Development | Companies or organizations in Alberta or a government or academic research establishment in Alberta. | Resource conservation, packaging and waste reduction, and environmental management | Grant on cost-shared basis to a maximum of \$20,000 | On-going | http://www1.agric.gov.ab.ca/\$department/deptdocs.nsf/all/fpdc6545 |
| <i>Carbon Capture and Storage Project</i> | Alberta Energy | Expressions of interest have been requested. Funds will be allocated to encourage construction of AB's first large-scale CCS projects. | To reduce greenhouse gas emissions and a second program to propel energy-saving public | \$4 billion over five years for Carbon Capture and Storage, and energy-saving public transit in AB. | Various programs available for a number of yrs. | http://www.energy.gov.ab.ca/ |
| <i>Bio-Energy Program under the Nine-Point Bio-Energy Plan</i> | | Bio-Energy – 3 programs offered | To aid in the development of a sustainable bio- | \$239 million over five years for Bio-Energy Projects | (need to search through web-site for appropriate information – check under heading “Resources in | |

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| | | | energy industry. | | Alberta’) | |
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**ALBERTA –
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| <i>Alberta Ingenuity Fund</i> | Alberta Heritage Foundation for Science and Engineering Research | Alberta companies | The Alberta Ingenuity Industrial Associates Program addresses the growing need of Alberta industry for research personnel. | An associate may be hired for two years and consists of a \$48,000 annual stipend and a research allowance up to \$7,000 per year. | Six competitions each year – Feb. 1, Apr 1, June 1, Aug. 1, Oct 1 and Dec 1 | http://www.albertaingenuity.ca/index.php?programs-and-funding |
| <i>Alberta Canada</i> | Government of Alberta | Environmental Products and Services | Information & funding sources and business resources | Links to other sites | On-going | http://www.albertacanada.com/regionaldev/1230.html http://www.albertacanada.com/industries/1154.html http://www.albertacanada.com/regionaldev/1217.html |
| <i>Deal Generator</i> | Economic Development Edmonton (EDE) | Entrepreneurs in Alberta | Program partners entrepreneurs with investors | Registration & 1 st assessment cost of \$250.00 2 nd assessment fee of \$1,250 | On-going | http://www.dealgenerator.com |

**CANADA –
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| <i>ARC Energy Funds</i> | ARC Financial | Energy Companies | Energy companies that feature outstanding management teams, strong business fundamentals and the potential for substantial value growth. | Targeting investment sizes of \$15m to \$50m. | On-going | http://www.arcfinancial.com/index.php?option=com_content&task=view&id=5&Itemid=12 |
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| <i>EcoAction Community Funding Program</i> | Environment Canada | Non-profit groups and organizations | Local environmental projects | Maximum of \$100,000 per project | November 1 st annually | http://www.ec.gc.ca/ecoaction/index_e.html |
| <i>ecoENERGY for Biofuels</i> | Natural Resources Canada | Producers of renewable alternatives | Provides operating incentives to producers of renewable alternatives to gasoline and diesel. | Will invest up to \$1.5 billion over 9 years to boost Canada's production of renewable fuels such as ethanol and biodiesel. | Applicable to eligible production between April 1, 2008 and March 31, 2017 | http://oee.nrcan.gc.ca/transportation/ecoenergy-biofuels/index.cfm?attr=16&ext=N&printview=N |
| <i>ecoENERGY for Renewable Heat</i> | Natural Resources Canada | Industrial/Commercial/Institutional sector | To install energy-efficient solar space and water heating. | A rebate of 25% of the purchase, installation and certain other costs of qualifying systems. | Four year program from Apr. 1/07 to Mar. 31/11 | http://www.ecoaction.gc.ca/ecoenergy-ecoenergie/heat-chauffage/index-eng.cfm |
| <i>ecoENERGY for Renewable Power</i> | Natural Resources Canada | Businesses, municipalities, institutions and organizations | Increase Canada's supply of clean electricity from renewable sources. | Incentive of one cent per kilowatt-hour for up to 10 years to eligible low-impact, renewable electricity project constructed over the next four year | Apr. 1/07 to Mar. 31/11. | http://www.ecoaction.gc.ca/ecoenergy-ecoenergie/power-electricite/index-eng.cfm |
| <i>ecoENERGY Retrofit Incentive for Buildings</i> | Natural Resources Canada | Small and Medium-sized buildings | Commercial and Institutional Sectors for energy efficiency projects | Available funding: \$10 per gigajoule of estimate annual energy saving; up to 25% of eligible project costs; to a maximum of \$50,000 per project. | Program ends 2011 | http://oee.nrcan.gc.ca/commercial/financial-assistance/existing/retrofits/index.cfm?attr=20 |
| <i>ecoENERGY Retrofit Incentive for Industry</i> | Natural Resources Canada | Small to medium-sized industrial facilities | Program is designed to help industrial facilities | Financial incentive of up to 25% of project | Must apply prior to commencement | http://oee.nrcan.gc.ca/industrial/financial-assistance/retrofit/index.cfm |

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| | | | overcome financial barriers to improving the energy efficiency of their operations. | costs to a maximum of \$50,000 per application and \$250,000 per corporate entity | of retrofits. | m?attr=20 |
| <i>ecoENERGY Technology Initiative</i> | Natural Resources Canada | | Accelerate the development and market readiness of clean energy technologies | \$230m | First call for proposals should in the Fall of 2007 | http://www2.nrcan.gc.ca/ES/0ERD/English/View.asp?x=1603 |
| <i>Green Municipal Enabling Fund (GMEF)</i> | Natural Resources Canada | Municipalities | Provides grants to support feasibility studies to assess the technical, environmental and/or economic feasibility of innovative municipal projects | Grants cover up to 50 per cent of eligible costs to a maximum grant of \$350,000. Also funding available by RFP for capital projects | Ongoing | http://www.sustainablecommunities.fcm.ca/GMF/ |
| <i>Industrial Research Assistance Program (IRAP)</i> | National Research Council Canada | Available to SMEs | IRAP helps small and medium-sized Canadian firms (SMEs) build their capability in technology and innovation. | Various | Ongoing | http://irap-pari.nrc-cnrc.gc.ca/english/acrosscanada_e.html |
| Quantum Leap Company Limited | Quantum Leap Company Limited | Specializing in the energy and efficiency marketplace | Finances projects and companies that demonstrate market leadership in energy efficiency, solar- and geo-thermal energy, fuel cells, wind and hydropower, soil and water remediation, health, safety and | Quantum Leap makes profitable renewable and alternative energy investments in two forms. Through its venture capital activities, the company makes equity and debt investments in | Ongoing | http://www.quantumleapco.com/about.php |

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| | | | environmental compliance, advanced insulation materials, power management, and advanced lighting controls. | emerging companies with market-leading technologies in alternative and renewable energies, or energy efficiency. The company also provides project financing, typically to fund the construction of small hydro, wind or other alternative energy facilities. | | |
| Sustainable Development Technology Canada (SDTC) | Government of Canada (operates at arm's length as a not-for-profit corporation) | Companies and institutions | Provide funds to finance and support the development and demonstration of clean technologies – solutions that address issues to climate change, air quality, clean water and soil to deliver economic, environmental and health benefits to Canadians | Averages 30% of project cost and involves leveraging of SDTC funds through project partners | On-going – SDTC will launch its next round (14) for Statements of Interest (SOI) on Sep 3/08. Submissions due Oct. 22/08; Results notification Nov. 26/08, Proposal Submission deadline – Jan. 21/09 Announcement of funded projects – July 1/09 | http://www.sdtc.ca/en/funding/ |
| Technology Early Actions Measures (TEAM) | Government of Canada | TEAM projects come from many sources, including municipal, | TEAM supports late-stage development projects and first- | TEAM may contribute up to 75 percent of the total amount of | Ongoing | http://team.gc.ca/english/about/ |

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| | | provincial, or federal programs, small, medium, and large businesses, and international companies or foreign governments. | time demonstration projects designed to reduce GHG emissions nationally and internationally, at the same time sustaining economic and social development. | federal government funding contributions to the project – the delivery programs would provide additional financing and management resources. | | |
| Western Economic Diversification Canada | Western Economic Diversification Canada | Supports a wide range of programs that support SMEs in Western Canada | WD provides indirect funding for business through a network of community and industry-based organizations that offer small loans or assist with access to small business financing. | Various | Ongoing | http://www.wd.gc.ca/16_ENG_ASP.asp |

**CANADA –
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| <i>Technology Inflow Program (TIP)</i> | National Resources Canada | Available to SMEs | Assists SMEs to acquire foreign technology not available in Canada | Up to \$10,000 | Various | http://www.ic.gc.ca/epic/site/fte-fte.nsf/en/00126e.html |
| <i>The Business Link</i> | Governments of Canada and AB | Available to SMEs | Numerous sources of funding | Various | Various | http://www.canadabusiness.ca/gol/cbec/site.nsf/en/index.html |
| <i>Business Development Bank of Canada (BDC)</i> | Business Development Bank of Canada | Small and Medium-sized businesses | Financing, consulting services and venture capital | Purchasing equipment and retooling; Working capital; Consulting | Ongoing | http://www.bdc.ca/flash.asp |

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| | | | | services | | |
| <i>Canada Small Business Financing Program</i> | Industry Canada | Small business | Program seeks to increase the availability of loans and capital leases for establishing, expanding, modernizing and improving small businesses. | Maximum amount of \$250,000 | Ongoing | http://strategis.gc.ca/csbfa |

OTHER RESOURCES AVAILABLE – NOT NECESSARILY FUNDING RELATED

| Name | Sponsor | Eligibility | Services Offered | Additional Note | Deadline | Website |
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| <i>AlbertaFirst. Com Ltd.</i> | Alberta Economic Development (ECDEV) | Provincial, municipal and industry partnership | Created to promote business and community development in Alberta | | Ongoing | http://www.albertafirst.com/ |
| <i>Alberta Research Council Inc (ARC)</i> | Alberta Research Council Inc | Business and communities | Contracts and fees for service – all research, testing and information services are available on a contract or fee basis. You retain ownership of the data and technology resulting from work performed for you. | ARC develops and commercializes technologies to give clients a competitive advantage. A Canadian leader in innovation, ARC provides solutions globally to the energy, life sciences, agriculture, environment, forestry and manufacturing sectors. | Ongoing | http://www.arc.ab.ca/ |

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| <i>Business & the Environment</i> | Industry Canada | Large & small companies | Websites with environmental information for businesses/funding sources | | Ongoing | http://strategis.gc.ca/sc_x/engdoc/business_environ.html |
| <i>Business Gateway</i> | Government of Canada | Business | Provides a single access point to all the government services and information needed to start, run and grow a business | Leads to numerous funding sources | No deadlines | http://businessgateway.ca/en/hi/ |
| <i>Canadian Centre for Pollution Prevention (C2P2)</i> | Non-Profit Organization | SMEs, businesses, etc. interested in pollution prevention | A recognized leader in pollution prevention, the Canadian Centre for Pollution Prevention (C2P2) encourages actions that avoid or minimize the creation of pollution and waste – pollution prevention (P2) – actions that foster a healthier environment and a sustainable society. | Website contains information on pollution prevention focused on SMEs | Home Page Info on Green procurement | http://www.c2p2online.com http://www.c2p2online.com/main.php3?session=&section=34&doc_id=36 |
| <i>C3 Enviro Tech Solutions</i> | Western Economic Diversification Canada | SME Alberta businesses | To help SME Alberta businesses commercialize and market new environmental technologies | Advances the development of innovative technologies and speeding their introduction into the marketplace | Will help business access capital in the pilot and demonstration phases of product development | http://www.tech-hub.ca/index.html |
| <i>Canadian Industry Program for</i> | Office of Energy Efficiency and Industry | Industry | CIPEC is a voluntary partnership | Information, technical resources | | www.oee.nrcan.gc.ca/industrial/cipec.cfm?at=20 |

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| <i>Energy Conservation (CIPEC)</i> | | | between the Government of Canada and industry to improve Canada's industrial efficiency. | | | |
| <i>Directory of Canadian financial providers</i> | Industry Canada | | All types of financing and financial providers to help secure funding | (second link is to SME Direct – Financing) | Ongoing | http://strategis.ic.gc.ca/sc_mangb/engdoc/homepage.html http://strategis.ic.gc.ca/epic/site/direct.nsf/en/h_uw00012e.html |
| <i>E-business Trade Roadmap</i> | Industry Canada | SMEs who, as a result of establishing a Web site, are potential exporters of products or services. | The Roadmap is predominantly a series of hyperlinks to public and private sector Web sites which focus on Internet-based international trade transactions. | | Ongoing | http://strategis.ic.gc.ca/epic/site/direct.nsf/en/h_uw00225e.html |
| <i>EcoAmmo</i> | | | Provides a support service to help the sustainable design movement grow into everyday industry standard practice. | EcoAmmo provides tools and services to educate and excite those that work in the building industry about sustainable design. They offer services such as Interior Consultation , sustainable materials workshops and independent LEED project documentation. | No funding | http://www.ecoammo.com/ |

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| <i>Energy Efficiency Information Program</i> | Natural Resources Canada | All sectors | Many programs for the residential, commercial, industrial and transportation sectors, can help you save energy, save money and reduce greenhouse gas (GHG) emissions that contribute to climate change | Provides publications on wise energy use at home, at work and on the road. Some links to grants and other funding | Ongoing | http://oee.nrcan.gc.ca/english/ |
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| <i>Green Alberta</i> | Alberta Employment, Immigration and Industry and EnviroTech Solutions | | Green Alberta is a growing online library of sustainable building materials and products, endeavoring to transform Canada's building and construction industry to a more sustainable marketplace. | | No Funding | http://www.greenalberta.ca/ |
| <i>Green Municipal Fund (GMF)</i> | Government of Canada | Municipalities | Offers a range of resources and services that specifically address the sustainable community development needs of municipal governments. | GMF operates at arms-length from the federal government, and supports municipal governments, and their partners, to improve air, water and soil quality, and to address climate change. | The Fund provides low-interest loans and grants, builds capacity, and shares knowledge to support municipal governments and their partners in developing communities that are more environmentally , socially and economically sustainable. | http://www.sustainablecommunities.fcm.ca/GMF/ |
| <i>SME Direct</i> | Environment Canada / Industry Canada | Small and Medium Enterprises | The Clean, Lean and Green section of SME Direct is a collaborative initiative of Industry Canada and Environment Canada. Its goal is | Wide range of sources of information for SMEs, including funding sources | | http://www.ic.gc.ca/epic/site/direct.nsf/en/home |

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| | | | to help small and medium-sized enterprises harness the competitive opportunities presented by sustainability in order to foster innovation and improve Canada's environmental and economic future. | | | |
| <i>Information on Financing Innovation</i> | Government of Canada | | Useful library of guides and documents on how to best get financing as well as tools to assess your level of financial readiness | Funding and general information | Ongoing | http://innovation.gc.ca/gol/innovation/site.nsf/en/in03618.html |
| <i>Innovation Management Toolkit</i> | Business Canada | Smaller companies | A toolkit including a set of interactive, easy-to-use Internet-based tools | No funding | Ongoing | http://prodt.businesscanada.gc.ca/cfdocs/firm_en/indepth/financing2a.html |

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| <i>Municipal Building Retrofit Program (MBRP)</i> | Federation of Canadian Municipalities | Municipalities and municipal partners | Assists municipal governments in developing comprehensive retrofit programs for their buildings | Provides customized tools and services throughout the design and implementation process | Ongoing | http://www.sustainablecommunities.fcm.ca/Capacity_Building/Energy/Municipal_Building_Retrofit_Guide/ |
| <i>Municipal Excellence Network</i> | Alberta Municipal Affairs | Local government sectors | Online resource tool that features a searchable collection of municipal practices from and around the province | No funding | Ongoing | http://www.menet.ab.ca/default.asp |
| <i>NRC Business Site</i> | National Research Council of Canada | Industry wishing to work with NRC | Programs, funding information and more. | Wide variety of links | Ongoing | http://www.nrc-cnrc.gc.ca/business_e.html |
| <i>Sustainable Business Online Resources</i> | Various | SMEs | To access information to help improve the sustainability of your SME | No funding | Ongoing | http://www.communityfutures.ca/provincial/SustainableBusiness/English/Main_Pages/home_e.htm |
| <i>The Alberta Inventor's Gateway</i> | Hosted by the Edmonton Capital Region Innovation Centre | All sectors | Provides valuable advice to Alberta inventors striving to build a business venture around their idea | Previously the Alberta Inventor's Information Index | Ongoing | http://www.inventorsgateway.ca/ |
| <i>Ventures West</i> | Ventures West | Active venture capital partner that invests in early stage technology companies across Canada | Established in the Canadian venture capital market for over 30 years, Ventures West has formed eight venture capital funds which total over \$700 million and has invested in more than 150 | Offices in Vancouver, Toronto, and Montreal. | Ongoing | http://www.ventureswest.com/ |

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Word to the Wise!

Securing adequate financing for technology product development and commercialization is one of the most difficult challenges facing small and medium sized companies. There are increased signs of investor interest in environmental technologies and clean energy systems, even from within the conventional venture capital market. Interest is also being shown in other environmental-related technologies such as energy-efficient building materials, air and water quality management and remediation systems, and contaminated site cleanup technologies.

However, the harsh reality of investment financing is that very few firms are successful in attracting venture capital. Investors invariably look for senior executives with experience in building successful companies; a proprietary technology in a sector viewed as having terrific market potential; a top-notch technical team; a substantial target market; and experience in selling to solid customers. Those seeking venture capital financing must be prepared to work very hard to build a solid business plan and a compelling argument to support their case.