A leading research and development hub at the forefront of green innovation

British Columbia, Canada, is home to world-class clean technology companies. As a leading centre for scientific innovation, British Columbia offers a highly skilled workforce, a strategic west coast location, and targeted incentives.

Join leading clean tech companies, including Ballard Power Systems, Greenlight Innovation, Corvus Energy, Awesence and others on the cutting edge of scientific excellence in renewable energy, clean transportation technology, energy efficiency and waste resource management.

If you want to locate your business in an ideal environment for technology investment and partnership opportunities, British Columbia is the right place to be — it’s where innovative technologies are taking off.
British Columbia’s clean technology advantages

With an abundance of natural resources and a welcoming business environment, British Columbia is making a clean future a reality today.

THRIVING CLEAN TECHNOLOGY CLUSTER

British Columbia has one of the highest ratios of clean technology companies to GDP in Canada, with Vancouver serving as home to 25% of Canadian clean technology companies.

OUTSTANDING RESEARCH INSTITUTIONS

Take advantage of our world-class educational institutions and 50 centres of excellence for green research and technology development.

EXCEPTIONAL TALENT

B.C.’s large, flexible, and educated workforce of 100,000+ across the broader tech ecosystem is well represented by young, diverse and energetic talent.

LOW POWER PRICING

98% of British Columbia’s electricity currently comes from hydroelectric plants, providing clean electricity to support industry developments at some of North America’s most affordable power rates.

BUSINESS INCENTIVES

British Columbia is a world leader in sciences and technology with 50 research centres, $1.8 billion invested, and another $1 billion attracted for research and innovation since 2001, all spurred on by national and provincial tax credits.

SUPPORTIVE GOVERNMENT

- B.C.’s general corporate income tax rate is only 11%. When combined with the federal rate, businesses pay a combined rate of 26%.
- B.C. has the lowest provincial personal income taxes in Canada for individuals earning up to $125,000.
- Employer health care coverage for employees is optional and affordable.
- The #BCTech strategy is led by government with a targeted focus on talent, capital, and market access as the core pillars to continuing to grow the technology sector.
- The $100 million dollar BC Tech Fund, a venture capital fund-of-funds, was launched to invest in emerging technology companies in B.C. and support the development of a strong venture capital system.

<table>
<thead>
<tr>
<th>Program</th>
<th>Qualifying Entities</th>
<th>Incentive</th>
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<tr>
<td>Canadian Scientific Research and Experimental Development (SR &amp; ED) tax credit</td>
<td>Canadian-controlled private corporations Other corporations</td>
<td>Tax credit of up to 35% of qualified expenses for work carried out in Canada</td>
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<tr>
<td></td>
<td></td>
<td>Tax credit of up to 15% of qualified expenses for work carried out in Canada</td>
</tr>
<tr>
<td>British Columbia Scientific Research and Experimental Development (SR &amp; ED) tax credit</td>
<td>Corporations conducting SR and ED in B.C.</td>
<td>Tax credit of up to 10% of qualified SR and ED expenses</td>
</tr>
<tr>
<td>International Business Activity (IBA) program</td>
<td>Corporations authorized to carry on business in Canada that carry on international business activities or an IB specialists that are registered</td>
<td>Full refund of British Columbia taxes paid on qualifying international business activities (75% for income earned on qualifying patent activities)</td>
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Industry profile

British Columbia's diverse clean tech and green tech sector is a leader in the research and development of innovative new systems and products.

HYDROGEN AND FUEL CELL

Led by Ballard Power Systems, a global innovator in PEM (proton exchange membrane) fuel cell technology, British Columbia is developing hydrogen and fuel cell technology as a clean energy solution in diverse applications, from materials handling and backup power portable electronics to fuelling infrastructure and transit bus applications. Ballard has designed and shipped close to 150 MW of hydrogen fuel cell technology to date.

CLEAN TRANSPORTATION

British Columbia leads the way in clean transportation technology, and the industry’s major manufacturers have already invested in and adopted our innovations in plug-in electric, fuel cell, and natural gas engines. Westport Innovations engineers the world’s most advanced natural gas engines and vehicles, fundamentally changing the way the world travels the roads, rails, and seas, and reducing both emissions and fuel costs.

ENERGY MANAGEMENT AND ENERGY EFFICIENCY

British Columbia is home to innovators in energy efficiency and smart measurement, monitoring, and control, such as, Corinex Communications, which develops and manufactures solutions for smart metering and smart grid infrastructure projects.

CLEAN AND RENEWABLE ENERGY

British Columbia’s abundant natural resources drive the development, testing, and use of clean, renewable energy technology including wind, wave, hydroelectric, solar power, biomass and more. For example, Pinnacle Renewable Energy manufactures pellets that produce renewable energy for some of the largest electrical generating facilities in the U.K., Japan, Italy and other countries for both commercial and residential consumers.

WATER AND WASTE RESOURCE MANAGEMENT

Our cutting-edge companies turn wastewater and solid waste into pristine drinking water, clean energy, and valuable, marketable materials. Companies like Nexterra Systems, a global leader in energy-from-waste gasification systems, supplies a biomass gasification system for a major U.K. renewable energy power plant; Harvest Power uses discarded organic materials to produce renewable energy and fertilizer products, creating a more sustainable future at the intersection of waste, agriculture, and energy; and Axine Water Technologies has developed a low-cost, chemical-free solution for treating high concentrations of pollutants in industrial wastewater.

COMPETITIVE ADVANTAGES OF BRITISH COLUMBIA

- Targeted incentives for clean tech research and development
- Highly educated and skilled workforce
- High quality of life
- Strategic West Coast location
- Low corporate and personal income taxes
- Green, low-cost power
- Excellent public infrastructure
Centres of Excellence

British Columbia’s Green Centres of Excellence bring experts from the public, private, and academic sectors together to collaborate on applied research, development, and commercialization of new technologies.

<table>
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<tr>
<th>Centre of Excellence</th>
<th>Academic Institutions</th>
<th>Focus</th>
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<tbody>
<tr>
<td>Centre for Energy Systems Applications</td>
<td>British Columbia Institute of Technology</td>
<td>Renewable energy technologies (geo-exchange, photovoltaic, and high efficiency lighting) in an integrated systems approach</td>
</tr>
<tr>
<td>Centre for Interactive Research on Sustainability</td>
<td>University of British Columbia</td>
<td>Sustainable transportation, clean energy/technology</td>
</tr>
<tr>
<td>Energy House</td>
<td>Northern Lights College</td>
<td>Wind turbines, photovoltaic, solar thermal, biomass, geo-exchange</td>
</tr>
<tr>
<td>Institute for Integrated Energy Systems</td>
<td>University of Victoria</td>
<td>Renewable energy systems</td>
</tr>
<tr>
<td>Institute for Resources, Environment and Sustainability</td>
<td>University of British Columbia</td>
<td>Sustainable resource management and ecology</td>
</tr>
<tr>
<td>Pacific Institute for Climate Solutions</td>
<td>University of Victoria, University of British Columbia, Simon Fraser University and University of Northern British Columbia</td>
<td>Low-carbon economy, climate change, sustainable communities, resilient ecosystems</td>
</tr>
<tr>
<td>Jim Pattison Centre of Excellence in Sustainable Building Technologies and Renewable Energy Conservation</td>
<td>Okanagan College</td>
<td>Sustainable construction management technology, geothermal, electrical, carpentry, green building design and construction, on-site alternative energy sources, metering and monitoring of green buildings, building envelope construction, life cycle management, HVAC, applied ecology and conservation, human kinetics</td>
</tr>
<tr>
<td>National Research Council Institute for Fuel Cell Innovation</td>
<td>University of British Columbia campus</td>
<td>Hydrogen and fuel cell systems</td>
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