

CLEAN GROWTH HUB

Since 2017, the Government of Canada has invested over \$2.3 billion to support the innovation, commercialization and adoption of clean technology. The result is a diverse ecosystem of results-oriented programs and services to help Canada's most promising clean technology entrepreneurs and adopters.

The Clean Growth Hub was established to help clean technology entrepreneurs and adopters navigate the federal ecosystem. The Hub website lists programs and opportunities offered by the 16 federal departments and agencies that form the Hub. The Hub does not allocate funding, but it is a great place to find out about available programs and services.

Email: info.cgh-ccp@Canada.ca

Canada



The Government of Canada provides direct and indirect support to clean technology developers and adopters

Support available across government at all stages:

- Clean Growth Hub advisory services (a great place to start)
- Skills and training programs to fill skills gaps and access global talent
- Advice – regulatory, technical, intellectual property (IP), standards, commercial

RESEARCH AND
DEVELOPMENT

PILOT AND
DEMONSTRATION

COMMERCIALIZATION
AND MARKET ENTRY

GROWTH
AND SCALE UP

EXPORT

CLEAN
TECHNOLOGY
ADOPTION

Federal ecosystem of support for clean technology

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RESEARCH AND DEVELOPMENT

At this early stage of innovation, you are:

- Translating discovery science into applied R&D
- Formulating a technology
- Developing a proof of concept
- Validating your ideas through analytical or laboratory studies

Support available across government:

- Funding for R&D and to develop international collaborations
- Grants and fellowships for post-secondary or foreign researchers
- Prize-based challenges for proofs of concept
- Federal laboratory services
- Advice – technical, IP, standards, finance
- Scientific research and development tax credits

Attributes of a strong candidate:

- Incorporated in Canada
- Idea has technical merit
- Potential for significant environmental benefits
- Solution addresses a market challenge
- Collaborating with end users, other levels of government, academia or the non-profit sector

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PILOT AND DEMONSTRATION

At this stage of innovation, you are:

- Proving the technology will work
- Validating the technology through demonstration or pilots
- Testing in simulated or real environments

Support available across government:

- Funding to pilot or demonstrate a technology
- Grants and fellowships for post-secondary researchers
- Prize-based challenges to develop prototypes
- Federal laboratory services
- Advice – technical, IP, standards, finance
- Scientific research and development tax credits

Attributes of a strong candidate:

- Incorporated in Canada
- Strong scientific and technical basis for innovation
- Proven in a laboratory setting
- Potential for significant and quantifiable environmental benefits
- Strong business plan and strategy (including an IP strategy)
- Strong demand for the solution
- Collaborating with end users, other levels of government, academia or the non-profit sector

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COMMERCIALIZATION AND MARKET ENTRY

At this stage of innovation, you:

- Have validated your technology
- Are ready to make your first sales
- Are working to attract customers
- Are proving that your innovation will work in its final form

Support available across government:

- Funding for the first commercial plant
- Funding for the first material product order
- Financing solutions including repayable financing and guarantees
- Government of Canada as the first customer
- Advice – HR, domestic and international market intelligence, IP, risk protection

Attributes of a strong candidate:

- Incorporated in Canada
- Strong business plan and strategy
- Commercially validated IP-protected technology
- Demonstrate environmental benefits
- Collaborate with end users, other levels of government and foreign partners
- Strong global commercialization potential
- Job creation potential
- Regional economic development potential

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GROWTH AND SCALE UP

At this stage of innovation you:

- Have an innovative product or service that is market-ready
- Are making regular sales
- Have customers lined up
- Are investigating capital to meet the growing demand for the technology
- May be considering fueling your scale up through exports

Support available across government:

- Financing solutions (repayable loans, venture capital and guarantees)
- Connections with foreign investors and buyers
- Advice – HR, finance, marketing, strategy, international growth, large projects

Attributes of a strong candidate:

- Incorporated in Canada
- Commercially validated IP-protected technology
- Strong business plan and strategy
- Demonstrate environmental benefits
- Annual sales and commercial contracts
- Capacity to scale up to meet market demand
- Job creation potential
- Regional economic development potential

Foreign investor? Let us direct you to key resources

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EXPORT

At this stage of innovation, you:

- Are ready to take your proven technology to foreign markets
- May be simultaneously scaling up and growing
- Are seeking connections to deploy the environmental solutions globally

Support available across government:

- Training, networking and facilitating contacts with foreign markets
- Financing solutions (repayable loans, equity financing, risk protection and guarantees)
- Contacts with foreign government buyers
- Government of Canada contracting on behalf of the Canadian company
- Advice – international finance, markets, trade agreements, market entry risk

Attributes of a strong candidate:

- Incorporated in Canada
- Commercially validated IP-protected technology
- Demonstrate environmental benefits
- Annual sales and commercial contracts
- Strong business plan and strategy
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CLEAN TECHNOLOGY ADOPTION

In this category, you are not a clean technology producer, but you are a business adopting clean technology to reduce your environmental impact

Support available across government:

- Funding for some costs of adoption projects
- Funding to support specific environmental outcomes (e.g. reducing GHGs)
- Funding targeted to improve the environmental performance of a key Canadian sector
- Solutions from federal laboratories
- Advice – available clean technologies, rebates and incentives
- Tax incentives for clean energy equipment and zero-emission vehicles

Attributes of a strong candidate:

- Expectation of demonstrable environmental benefits or efficiencies
- Alignment with federal/provincial/territorial and local/Indigenous priorities and values
- Commitment to improving your organization's environmental performance and energy efficiency
- Technical capacity to incorporate innovative clean technologies into your organization's operations
- Financial commitment to adopting clean technology, in addition to federal/provincial/territorial support
- Significant job creation potential
- Significant regional economic development potential

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