



SUPPORTING CLEAN GROWTH

Scaling Up 2018: Competing in the Global Bioeconomy Market



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Clean Technology and the Canadian Economy

- Contributed over \$26 billion, or 1.4%, of Canada's GDP.
- \$7.8 billion in exports, almost doubling from 2007 levels.
- Provided 178,000 well-paying and highly productive jobs.

– Statistics Canada, 2016

Global clean technology activity is expected to exceed \$2.5 trillion by 2022. – Smart Prosperity, 2018

A Clean Growth Focus

Budget 2017 \$2.3B clean technology investments

- BDC/EDC growth financing
- SDTC's Tech Fund
- GAC-TCS Climate Finance Business Development
- Sector-specific RD&D and deployment programs from NRCan, AAFC & DFO

Pan-Canadian Framework on Clean Growth and Climate Change

- Low Carbon Economy Fund
- NRCan Green Infrastructure Fund
- Federal Greening Government Strategy

Innovation and Skills Agenda

- Strategic Innovation Fund
- Innovative Solutions Canada

The **Clean Growth Hub** connects clean technology producers and users with various federal programs and services

A Hub Dedicated to Clean Tech

- **New service model** with access to a multidisciplinary clean tech team
 - Staff are co-located, but remain employees of their home organization
 - Leverages existing knowledge, expertise and working relationships
- **Single, easy point to connect to all clean tech programs**, applicants apply directly to programs
- **Companies of all sizes are eligible**, recognizing that clients will be at different stages of development with different needs
- **Real-time sharing of information and collaboration** across federal organizations in order to help companies and programs

Hub Members Across Government

Innovation, Science and Economic Development Canada (Co-Chair)	Natural Resources Canada (Co-Chair)
Agriculture and Agri-Food Canada	Global Affairs Canada (Trade Commissioner Service)
Business Development Bank of Canada	Indigenous Services Canada
Canadian Commercial Corporation	National Research Council Canada
Crown-Indigenous Relations and Northern Affairs Canada	Standards Council of Canada
Environment and Climate Change Canada	Sustainable Development Technology Canada
Export Development Canada	Transport Canada
Fisheries and Oceans Canada	Treasury Board of Canada Secretariat (Centre for Greening Government)

Example of Bioeconomy Programs



Research, development and demonstration:

- AAFC Agricultural Clean Technology Program (\$25M/3 years) **Open**
- NRCan Cleantech Impact Challenge: The Sky's the Limit
 - The Green Aviation Fuels Innovation Competition (\$5M prize) **Open-Feb 2019**
 - The Cross-Canada Flight Competition (\$1M prize) **Begins May 2019**



Government procurement:

- ISED Innovative Solutions Canada (~\$100M) - Plastics challenges
 - AAFC/NRCan Improved Compostability of Bioplastics **Open-Dec 13 2018**

Clean Technology Economic Strategy Table Recommendations

Regulations

Develop an agile, high performing regulatory system



Accelerate Growth

Accelerate the growth of Canada's leading clean technology firms by addressing gaps in scale-up finance, and implementing the Own the Podium signature initiative



Procurement

Drive clean technology adoption by government becoming a lead buyer and incentivizing industry procurement



Partnership and Co-Development

Engage with Indigenous communities to create opportunities for partnership and co-development of clean technology initiatives



In 2025, Clean Technology is one of Canada's **top five** exporting industries, nearly tripling current value to \$20B annually in exports

Jobs and Skills Development

Grow jobs by expanding skills development, and enable meaningful diversity and inclusiveness target-setting through increased access to data



Global Markets

Seize domestic and international clean technology opportunities where Canada has strengths, and enable access to global climate finance



Full reports available online:

www.Canada.ca/economic-strategy-tables

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Questions?

