



# Canada's Emerging Battery and Energy Storage Industry

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## Market Overview:

Canada's battery and energy storage sector is seeing an increase in demand; due to the rise of plug-in hybrid and electric vehicles, renewable sources of energy including wind and solar, and government funding focused on clean-innovation, this market is sure to see continued growth and opportunities.

## Opportunities for U.S Businesses:

As renewable energies and plug-in vehicles become more accessible and economically feasible, and the Canadian Federal Government continues to fund these industries - there will be opportunities for U.S. businesses to supply manufacturing and design services through procurement and partnership with relevant Canadian-based companies.

- The Canadian government offers numerous funding programs for clean energy projects, especially projects dealing with energy storage and power grid efficiency/flexibility. Natural Resources Canada offers a "Clean Energy Fund Program," which funded 561 projects in 2012 for a total of \$26.4 million.
- NRCanada also has the ecoENERGY Innovation Initiative (ecoEII), which consists of two separate funding streams: one for R&D projects, and one for demonstration projects. The ecoEII funds projects in areas of energy efficiency, clean electricity & renewables, bioenergy, electrification of transportation, and unconventional oil and gas.
- U.S firms that can supply the necessary products and services such as the casing, components, electrical hardware, software, maintenance, etc. will find many opportunities in this emerging industry.

## Future Implications:

As Canada's \$1-trillion clean-technology sector continues to grow, it is predicted that there will be a similar growth for lead-acid and lithium ion as demand increases for battery backup/storage systems that will allow users to store excess energy and maximize intermittent wind and solar energy generation.

## Upcoming Events and Conferences

- [Canada Far North Trade Mission](#): October 8-9, 2014 – Gatineau, QC & Virtual
- [CanWea 2014](#): October 27-29, 2014 – Montreal, QC
- [Cleantech Forum San Francisco 2015](#): March 16-18, 2015 – San Francisco, CA

## Web Resources

- [Industry Canada](#)
- [National Resources Canada](#)
- [Clean Energy Fund Program](#)
- [ecoENERGY Innovation Initiative](#)
- [Sustainable Development Technology Canada](#)

## For More Information

Please contact **Jared Byrne**, the Commercial Specialist in the Clean Technology sector at the U.S. Commercial Service in Canada at [Jared.Byrne@trade.gov](mailto:Jared.Byrne@trade.gov) or (403) 265-2116. You can also visit our website at <http://www.export.gov/canada>.

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