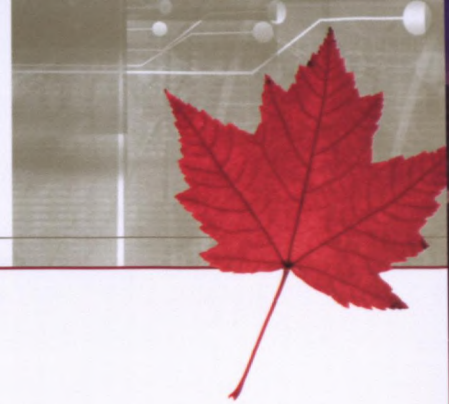


# Environmental Technologies



*The increased global focus on environmental sustainability is fueling the search for and commercialization of environmental technologies, a field in which Canada is a global leader.*

## Canada's leadership in environmental technologies

Canadian firms are world leaders in the commercialization of niche environmental technologies. Foreign investors in this sector will find a deep pool of talented experts capable of delivering on their R&D priorities. Canadian firms are known not just for their technical R&D capabilities but also for their ability to build strategic global partnerships to increase the scope of sales, distribution channels, research and ongoing product design.

Canada-based firms such as Ballard Power Systems, Westport-Cummins, Xantrex Technologies, Carmanah Technologies, SNC-Lavalin, Zenon Environmental, BioteQ, Dessau, Stantec Consulting, Jacques Whitford and Bennett Environmental have transformed their respective environmental verticals and are on the leading edge of global R&D in this sector.

Canada's environmental technology expertise lies in a wide range of sub-sectors. These include:

- **Alternative Energy Technologies:** Wind energy, bioenergy, solar energy (photovoltaic and active), and hydrogen.
- **Waste Management and Soil Remediation Services:** Treatment and disposal technologies; collection, recycling and other equipment; and landfill design and operations.
- **Water and Wastewater Technologies:** Membrane and chemical treatments; disinfection technologies such as UV, chlorination, ozonation; and biological treatment.
- **Air Pollution Control Technologies:** Niche applications such as biofiltration; high-tech monitoring and analysis; and transportation and emissions control equipment.
- **Consulting and Engineering Services, including Infrastructure Design.** Services such as environmental risk assessments, environmental process engineering, and compliance audits.

