

## Environmental Technologies

*The demand for sustainable environmental technologies is growing worldwide—and Canada has the natural advantage. This \$30-billion Canadian sector is especially strong in water and wastewater treatment, and solid waste management infrastructure, which account for almost half of the global market in environmental services. Home to some 10,000 environmental firms, Canada graduates 16,000 engineers annually—more per capita than the United States. It also ranks fifth among OECD countries for environmental sustainability.*

*Proximity to U.S. markets gives Canada another advantage. And at home, Canadian environmental technology firms service Alberta's Athabasca Oil Sands—the world's second-largest proven oil reserves, with \$170 billion in active and proposed investments.*



*The Edmonton Waste Management Centre is North America's largest integrated waste processing and research facility. The 233-hectare site includes facilities for materials recovery, composting, electrical and electronics waste recycling, construction and demolition recycling, landfill and landfill gas recovery, paper and glass recycling, and biofuels.*

### Waste Management Services

Canada excels at waste management and remediation, the biggest segment of the country's environmental sector. In 2009, Texas-based **Waste Management Inc.**—North America's largest waste management provider—recognized Canada's expertise by announcing a \$53.8-million investment in Montréal's **Energem Inc.** With two Canadian waste-to-biofuels plants already operational, Energem will use the funds to build a third facility in Edmonton, the continent's #3 city for foreign direct investment in energy.

### Water and Wastewater Services

Canada offers a wealth of opportunities for investors in this sub-sector. In 2008, the country had more than 4,000 wastewater collection and treatment systems. An important player in this sub-sector is France's **Veolia Environment**. In 2009, it launched Mississauga, Ontario-based **Veolia Water Solutions & Technologies Canada Inc.**, to tap into the Canadian market for municipal and industrial water and wastewater treatment.

### Environmental Consulting Services

Consulting services account for more than half of all exports in Canada's environmental technologies sector, but there's plenty of work at home too for large infrastructure