



Environmental Products and Services

Industry at a Glance

Alberta is known for its natural beauty and clean environment. In a province with abundant resources and strong future prospects, managing the environment is a challenge and an opportunity.

Alberta's environmental industry has an international reputation for excellence in water treatment, waste management and the development of climate change solutions.

Areas of Expertise

→ Alternative Energy

The Alternative and Renewable Energy sector is an emerging sector in Alberta with the greatest progress in bio-energy and wind energy development. Grant programs and producer credit programs are currently available for biofuel and bio-electricity development.

→ Climate Change Solutions

The Alberta Innovates – Energy and Environment Solutions is responsible for energy-related research in Alberta and works with government and industry to promote innovation and technology in the energy sector. There is a focus on increased funding for the development and implementation of greenhouse gas related technologies.

→ Recycling

Alberta's environmental sector actively encourages recycling. Some specialized initiatives include recycling programs covering plastics, electronics, tires and paint.

→ Remediation

Alberta's environmental sector is restoring land and water, making these natural resources clean, safe and usable. High levels of drilling and production in the oil and gas industry need a range of environmental products and services.

→ Waste Management

Edmonton Waste Management Centre of Excellence (EWMCE) is a non-profit corporation established to meet solid waste and wastewater challenges worldwide. The Centre is a collaborative hub for innovative research, technology development and training.

→ Water Treatment

Municipal infrastructure is expanding rapidly to meet the surging economic and population growth in the province. Large investment in oil sands mining will require increased water treatment.

Fast Facts

- Since 2002, Alberta businesses have invested the most in facilities and equipment to protect the environment than businesses in any other Canadian province.
- Alberta has successfully recycled close to 65 million tires since 1992, over 2.8 million electronics since 2004, and over 3 million litres of waste paint since 2007 and 151 tonnes of paint containers since 2007.
- In 2008, Alberta introduced Canada's first deposit-refund recycling program for milk containers. Since its inception, recycling rates for milk containers have increased from 75% to over 80%.
- Alberta is home to the largest remediation conference in Canada: The Remediation Technologies Symposium, and hosts a number of water treatment conferences including the highly successful WaterTech Conference.
- Edmonton's Gold Bar wastewater treatment plant is one of the most innovative facilities in North America and a leader in wastewater technology.



Environmental Products and Services

Regulatory Environment

Environmental regulation in Canada falls under federal, provincial, and in some cases, municipal jurisdiction.

- **Environment Canada** – www.ec.gc.ca. Federal department that works to enhance the quality of the natural environment, conserve Canada's natural resources, coordinate policies and programs and address climate change, among other key activities
- **Alberta Environment** – environment.alberta.ca. Works to protect Alberta's natural resources and to address climate change and waste management issues. Alberta Environment administers two key acts: *Alberta Environmental Protection and Enhancement Act* and the *Water Act*.
- **Alberta Energy Resources Conservation Board (ERCB)** – www.ercb.ca. Independent, quasi-judicial agency of the Government of Alberta that is charged with regulating the safe, responsible, and efficient development of Alberta's energy resources.
- **Alberta Sustainable Resource Development (SRD)** – srd.alberta.ca. Responsible for regulating proposed industrial activities or development of resources on public land. SRD also ensures proper landsite reclamation under the *Alberta Environmental Protection and Enhancement Act*.

How we Can Help

The Alberta Government can provide your company with contacts, information on potential partnerships and investment opportunities in the environmental products and services sector in the province. We can help you:

- Gain insight into the challenges and opportunities of the eps sector in Alberta;
- Build strategic alliances with local and international partners; and
- Connect you with local business development representatives.

Industry Resources

Visit the Environmental Products and Services homepage at www.albertacanada.com/environment to learn about:

- Industry facts and opportunities
- Policies and regulations
- Key stakeholders and industry associations
- News and events

Contact Information

For further information about Alberta's Environmental Products and Services sector, please contact:

Morgan McGlade

Industry Development Officer, Advanced Industries Development Unit
Alberta Enterprise and Advanced Education
Morgan.mcglade@gov.ab.ca, Tel: (780) 427-6679