Industry at a Glance

Environmental Products and Services in the Energy Sector consists of activities that produce goods and services to measure, prevent, limit, minimize and/or correct environmental damages to water, air, and soil, as well as problems related to waste and ecosystems.

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.

Areas of Expertise

- **Remediation – Land**
  Alberta's environmental sector is restoring land, making this natural resource clean, safe and usable. High levels of drilling and production in the oil and gas industry need a range of environmental products and services.

- **Water & Treatment**
  Alberta’s Water for Life action plan aims for safe, secure drinking water, healthy aquatic ecosystems, and reliable, quality water supplies for a sustainable economy. 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.

- **Climate Change Solutions**
  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.

- **Waste Management**
  With a focus on innovative research, technology development and training, Alberta is home to world-class waste management centres, established to meet solid waste and wastewater challenges.

- **Bio Based Value Add Products**
  Alberta is abundant with bio mass resources, and there are significant opportunities to convert them into chemicals, energy, and composite materials for the industrial and consumer markets. Research and development, product development, commercialization, market assessment and other services are all available to assist with this emerging industry.

Fast Facts

- Environmental Products and Services (EPS) is the core business of nearly 1,330 companies in Alberta.
- Alberta’s EPS revenue is over $2.8 billion annually.
- Alberta’s environmental industry has an international reputation for excellence in water treatment and waste management.
- 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.
Regulatory Environment

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

- **Environment Canada** – [www.ec.gc.ca](http://www.ec.gc.ca). This federal department 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 and Sustainable Resource Development** – [environment.alberta.ca](http://environment.alberta.ca). This ministry works to protect Alberta's natural resources, address climate change and waste management issues. They are also responsible for regulating proposed industrial activities and the development of resources on public land. Alberta Environment and Sustainable Resource Development administers two key acts: *Alberta Environmental Protection and Enhancement Act* and the *Water Act*.

- **Alberta Energy Resources Conservation Board (ERCB)** – [www.ercb.ca](http://www.ercb.ca). This 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.

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 and industry associations.

Industry Resources

Visit the Environmental Products and Services homepage at [www.albertacanada.com/environment](http://www.albertacanada.com/environment) to learn about:

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