

Alberta's Oil and Gas Industry



Alberta's oil sands contain the third-largest proven crude oil reserve in the world, next to Saudi Arabia and Venezuela and are a source of energy, security, economic development, jobs, and prosperity for all Canadians.

In Alberta, oil and gas companies research, develop and invest in innovative technologies, to ensure that Alberta's resources are managed in a responsible and environmentally sustainable manner. These developments have resulted in projects that produce less greenhouse gas emissions.

The oil and gas industry in Alberta creates thousands of jobs in exploration, production, refining, and distribution. Alberta's technologies and services are in demand all over the world. They generate billions of dollars in revenues that help fund programs and services which sustain and improve the high quality of life in Alberta.

Investment

- From 1999-2009, an estimated \$91 billion was invested in oil sands projects.
- Almost \$170 billion in oil sands related projects are currently underway or proposed.
- Over the next 25 years, oil and gas development in Alberta has the potential to add \$2.5 trillion in new economic activity, and millions of person-years in jobs.

Oil Sands Environmental Management

- Government legislation ensures that companies remediate and reclaim Alberta's land to protect air, land, and water during and after oil sands development.

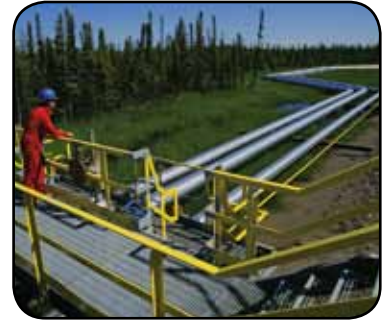
- In 2007, Alberta became the first jurisdiction in North America to legislate greenhouse gas reductions for large industrial facilities.
- In July 2008, the Alberta government announced a \$2 billion investment in carbon capture and storage projects, which is expected to further reduce carbon emissions.

Estimate of contributions to Alberta's economy

The Canadian Energy Institute (CERI) forecasts that between 2000 and 2020, oil sands development will generate 42,000 full-time positions.

The total effect on employment from 2000-2020: 174,000 full-time positions earning an estimated \$187 billion dollars.

The oil and gas industry helps drive Alberta's economy and produces about 70 per cent of Canada's crude oil and 80 per cent of its natural gas.



Useful websites

Alberta Energy: www.energy.alberta.ca
Alberta's Oil and Gas Industry: www.albertacanada.com/oilandgas
Alberta Oil Sands: www.oilsands.alberta.ca
Canadian Association of Petroleum Producers: www.capp.ca
Occupational profiles in Alberta: www.albertacanada.com/jobs

Oil and gas job banks

Alberta and Regional Job Banks: www.alis.alberta.ca/jobpostings
Oil Sands InfoMine: www.oilsands.infomine.com/careers

Some of Alberta's oil and gas employers

Alliance Pipeline: www.alliance-pipeline.com
ATCO Group: www.atco.com
Encana natural gas: www.encana.com
EPCOR: www.epcor.ca
Flint Energy: www.flintenergy.com
Halliburton: www.halliburton.com
Jacobs Engineering: www.jacobs.com
Ledcor: www.ledcor.com
Precision Drilling Trust: www.precisiondrilling.com
Shell Canada Energy: www.shell.ca/oilsands
Suncor Energy: www.suncor.com
Syncrude Canada Ltd.: www.syncrude.ca
TransAlta: www.transalta.com
Trican Well Service Ltd.: www.trican.ca

Some occupations in the oil and gas industry

Chemical Engineers
Electricians
Geologists
Geophysicists
Heavy Equipment Operators
Land Surveyors
Mechanical Engineers
Mine Service Workers
Oil & Gas Operators
Petroleum Engineers
Rig Technicians
Steamfitters and Pipefitters
Welders

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www.AlbertaCanada.com/immigration

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