

Alberta's ESG Approach

Alberta is committed to providing diversified, sustainable, secure and affordable energy to the world while leading and driving emissions reductions

WHAT IS ESG?

Environmental, Social and Governance (ESG) criteria are non-financial performance measures that help stakeholders understand how an organization is managing risks and opportunities related to environmental, social and governance issues. They can influence the decisions of investors, financial institutions and talent on where they direct their resources.

ALBERTA'S ESG APPROACH

A JURISDICTIONAL ESG FRAMEWORK

The Government of Alberta established an ESG Secretariat in May 2021, the first of its kind by any province, to serve as a strategic and coordinating body for all ESG-related activities across government.

As part of this work, Alberta has developed a [jurisdictional ESG framework](#) and approach, enabling a transparent, comparable assessment of jurisdictions across the full spectrum of ESG categories.

Alberta is committed to working with partners and stakeholders to ensure our jurisdiction is assessed appropriately, fairly and consistently.

ALBERTA'S ESG PROGRESS

QUICK FACTS

Environmental



1st in North America to put a price on industrial carbon



95% of oil sands production on pathway to net zero by 2050



On track to reduce methane from 2014 levels by 45% by 2025



Largest contiguous area of boreal protected land in the world



On track to eliminate coal-generated electricity by end of 2023

Social



Alberta Indigenous Opportunities Corporation enabled largest Indigenous energy investment in North America (\$1B+)



23% of Albertans are immigrants or permanent residents, up 2% from 2016



Over 3,000 tech startups, 27% founded by women



286,000 Albertans employed in charity/voluntary sector

Governance



Open and transparent government



Focus on red tape reduction has saved Albertans \$1.2B since 2019



Women hold 23% of board positions in Alberta, an increase from 8% in 2015



Alberta Energy Regulator oversees responsible development



Strong marketplace with confident consumers who have clear protections

*Fact lists continually grow and are subject to change

OUR GOAL

BECOME A DIVERSIFIED ENERGY LEADER

Alberta will maintain profitable, responsible production and employment in our energy sector by investing in five strategic areas:

01. HYDROGEN

Leading the world in the development and deployment of a hydrogen economy that leverages our competitive advantages to build clean energy solutions and develop export capacity



By 2050: 24% of global energy supply worth \$2.5 trillion/year



\$50 million for Clean Hydrogen Centre for Excellence



Alberta is the largest producer of hydrogen in Canada

02. CARBON CAPTURE, UTILIZATION AND STORAGE (CCUS)

Leveraging our geological advantages to enable large-scale emissions mitigation through CCUS



Alberta has committed \$1.24B through 2025 to two CCUS projects



Two current CCUS projects capture emissions equal to 600,000 vehicles/year



In 2022: Government of Alberta selected 19 projects to develop carbon storage hubs.

03. NATURAL GAS & LIQUEFIED NATURAL GAS (LNG)

Accelerating the development of natural gas & LNG capacity that provides affordable, secure and reliable energy to Canadians, while also displacing the use of coal around the world



Natural gas provides value through electricity generation, hydrogen, petrochemicals and industrial processes



\$1B in grants to diversify Alberta's natural gas use and reduce emissions



By 2030: our petrochemical sector could grow by \$30B

04. DIVERSIFIED ELECTRICITY GENERATION

Enabling diversified and renewable electricity generation through our open, 24-hour, free market grid



By end of 2023: committed to removing coal from energy mix



Alberta has significant renewable energy potential and one of the best solar resources in Canada



Alberta's wind capacity doubled from 2010 to 2017 and is expected to double again by the end of 2023

05. CRITICAL MINERALS

Capturing the full value of Alberta's natural resources to support a global energy transformation



Example uses: batteries, energy storage cells for electric vehicles, cell phones



Exploring direct lithium extraction from existing oil well brines to create new value



Government-driven strategy to enable sustainable and coordinated mineral supply chain

**All dollars listed in CAD