

# 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 used to assess the sustainability, societal impact and risk of a particular investment. They 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 is advocating for the adoption of a standardized jurisdictional ESG framework, enabling a transparent, comparable assessment of jurisdictions across the full spectrum of ESG issues.

Alberta is committed to working with partners to address this important gap and ensure that jurisdictions are 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 by 45% by 2025



Largest contiguous area of boreal protected land in the world



On track to eliminate coal-generated electricity by 2023

#### Social



\$1 billion to the Alberta Indigenous Opportunities Corporation for Indigenous equity participation



#1 in social mobility in Canada



1 in 5 Albertans is foreign-born



Over 3,000 tech startups, 30% founded by women



286,000 Albertans employed in charity/voluntary sector

#### Governance



Democratic, accountable and ethical government



One of the world's largest, most comprehensive environmental monitoring programs



13% increase in gender diversity on boards of publicly listed companies since 2015



Alberta Energy Regulator oversees responsible development



Safe, secure and responsible producer of energy for the world

\*Fact lists continually grow and are subject to change

## OUR GOAL

### BECOME A DIVERSIFIED ENERGY POWERHOUSE

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: 25% 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 \$1.24 billion through 2025 to two CCUS projects



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



In 2022: Issued two requests for full project proposals (RFPP) to develop CCUS 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



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



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

#### 04. DIVERSIFIED ELECTRICITY GENERATION

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



By 2023: committed to removing coal from energy mix



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



Since 2019: >\$5 billion attracted for electricity generation projects, including \$2 billion for utility-scale renewable projects

#### 05. DEVELOPMENT OF NEW MARKETS FOR BITUMEN

Developing new products from our energy resources that capture the extraordinary non-combustible chemical value of bitumen



Example uses: fossil-based feedstocks, high-tech materials, like carbon fiber, bioplastics, low GHG cement



\$15 billion potential Bitumen Beyond Combustion (BBC) market



Already over 1,300 jobs in 42 Alberta BBC companies

\*\*All dollars listed in CAD