

ENERGY, OIL AND GAS, MINING



How important is the Energy Sector in Alberta?

4th LARGEST PROVEN OIL RESERVES IN THE WORLD

*ALBERTA.CA

161.7B BARRELS OF TOTAL PROVEN OIL RESERVES IN ALBERTA(2021)*

*ALBERTA.CA

NEARLY **22%**

MINING AND OIL AND GAS EXTRACTION SECTOR'S CONTRIBUTION TO ALBERTA'S GDP*

*JOB BANK

SUBSECTORS

138K

The mining, quarrying, and oil and gas extraction sector (upstream energy) employed ~138,000 people (6%) of Alberta's total employment. (2022)*

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60%

Alberta produces over 60% of Canadian natural gas. **

\$40B

Alberta's Industrial Heartland is the largest petrochemical manufacturing centre in Canada and accounts for \$40 billion in investment. **

\$100B

Low-carbon hydrogen is a \$100-billion opportunity for Alberta. **

**INVEST ALBERTA

THE SECTOR'S FUTURE

4.5% of employees in Mining and Oil and Gas Extraction are between the ages of 15 to 24 years old.

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20.9% of workers in Mining and Oil and Gas Extraction identified as female.

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Almost 8 % of the workforce in the energy sector identify as Indigenous. Indigenous Peoples offer an important and growing labour resource to the energy industry.

CAREERSINENERGY

Gas and oil prices soar to record highs in 2022 and the trend is expected to continue in 2023. Edmonton City Gate, a benchmark crude oil in Canada, is expected to sit at \$101.35 per barrel.

DELOITTE

CAREERS IMPACT

Since 2007, CAREERS has secured over 14,500 internships for youth in 15 different skilled trade occupations that support that can support energy, mining, and oil and gas extraction in Alberta with an average of 42% completing an apprenticeship. These youth become journey people eight years sooner than those who do not start their trade in high school, 22 years old compared to 30. *Apprenticeship Data Integration Project: Phase Two.*

Over the past 5 years, CAREERS has placed youth in the following internships that could support energy, mining, and oil and gas extraction:

(Oct 2018 – Feb 2024)

WELDER • **OVER 850**
ELECTRICIAN • **OVER 1000**
HEAVY EQUIPMENT TECH • **OVER 1350**
CARPENTER • **OVER 550**
MILLWRIGHT • **OVER 280**