Edmonton Region’s advanced manufacturing ecosystem is home to nearly 40 percent of Alberta’s manufacturing output, specializing in high-value manufacturing of sophisticated customized products.

**ADVANCED MANUFACTURING HIGHLIGHTS**

- **$13b** Annual exports from Alberta
- **49,865** Workers in Edmonton Region
- **2,332** Establishments in Alberta

**INDUSTRY 4.0**

- 35% of manufacturers in Alberta have implemented digital technologies
- In September 2019, Telus announced a $16B investment in Alberta over 5 years which will support increased IoT capabilities

**CLEAN TECH**

- Research efforts have yielded advances towards broader commercialization of geothermal and waste-to-energy technologies
- NAIT’s Alternative Energy Technology Program trains specialized workers for roles in renewable energy and energy efficiency industries

**METALS & MACHINERY**

- Alberta’s industrial manufacturing sector supports industrial production and processing such as oil & gas and petrochemicals on both a local and global scale
- Alberta is the second largest metal manufacturing hub in Canada

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**5th BUSIEST AIRPORT**

The Edmonton International Airport is Canada’s fifth busiest airport

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**51 COUNTRIES**

Preferred market access to 51 countries, representing approximately 1.5 billion consumers and over 67 per cent of global GDP

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**$540b EXPORTS BY 2030**

By 2030, the manufacturing industry in Canada is expected to have $540 billion in exports and $1 trillion in sales through the application of machine learning, artificial intelligence, and internet of things

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**$2.2b TOTAL MACHINERY EXPORTS**

In 2017, Alberta exported $2.2 billion in machinery manufacturing, of which 45% of total exports originated in the Edmonton Region
“Adding value to our resources gives us global market access with high-value products. We are pleased the Government of Canada recognizes this opportunity and has worked with us to help make investments like this competitive. Moreover, it shows a commitment to the thousands of people employed by this project over the next three years of construction and decades of operation.”

David Chappell
Senior Vice-President, Petrochemical Development, Inter Pipeline

**TALENT & EDUCATION**

**UNIVERSITY OF ALBERTA**
- Alberta’s largest academic and research institution with 21 engineering programs offered through the Faculty of Engineering, consistently recognized as one of the best in Canada and the world
- Hosts the National Research Council of Canada Nanotechnology Research Centre

**NORTHERN ALBERTA INSTITUTE OF TECHNOLOGY (NAIT)**
- A prominent polytechnic institution and Canada’s largest provider of apprenticeship training
- NAIT’s Productivity and Improvement Centre offers a 190,000 sq. ft facility for product testing, technology adoption, training, innovation and research, and growth in the manufacturing sector

**INNOVATION ECOSYSTEM**

**INNOTECH ALBERTA**
- Offers the Alberta Metal Fabrication Innovation program to support small and medium sized companies in implementing advanced manufacturing and fabrication solutions

**ALBERTA AEROSPACE & TECHNOLOGY CENTRE**
- Edmonton based aerospace training and innovation hub
- Launched to create a safer and sustainable aviation industry through investment in simulators and research

**BUSINESS ENVIRONMENT**

**COMPETITIVE TAX REGIME**
- At 8%, Alberta currently has the lowest corporate tax rate in Canada.
- The value added tax (VAT) in Alberta is 5%, among the lowest rates across all of Canada

**STUDENT PROGRAMS**
- Undergraduate: 388
- Graduate: 500

**PUBLICLY FUNDED POST SECONDARY INSTITUTIONS**

**$11.2 billion**

**LESS TAXES PAID BY BUSINESSES THAN IN OTHER CANADIAN JURISDICTIONS**

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