Investment Opportunity -Plastics Manufacturing

The Edmonton Metropolitan Region produces the majority of Alberta's \$33 billion in annual petrochemical exports. This sector is expected to grow by \$30 billion by 2030. Access to feedstock and supported by provincial incentives, responsible plastics manufacturing is set to grow substantially.

> By Q1 2022, the Edmonton Metropolitan Region will be the FIRST IN CANADA TO PRODUCE POLYPROPYLENE

Dow announced expansion of its ethylene plant's capacity by 130,000 TONNES PER YEAR

Trade agreements accessing

CANADA'S LARGEST HYDROCARBON PROCESSING REGION WORLD CLASS PETROCHEMICAL EXPERTISE, FACILITIES AND INFRASTRUCTURE

LOWEST CORPORATE TAXES IN CANADA

BILLION CONSUMERS

OPPORTUNITY

An increase in plastic dependency has fueled global production of plastic resins and fibres, growing at a compound rate of 8.4% annually. Additionally, the COVID-19 pandemic has caused an increase in singleuse plastic including ramped up production of personal protective equipment (PPE).

Supply chain disruptions have resulted in shifts to nearshoring of essential manufacturing supply.

According to a recent site selector's survey, 64% of manufacturers are "more likely" to bring manufacturing back to North America.

Innovative technologies such as 3D printing and microdevices have led to new uses and applications for plastic.



WELL ESTABLISHED WORLD-CLASS PETROCHEMICAL CLUSTER

 The Edmonton region is home to Alberta's Industrial Heartland – Canada's largest hydrocarbon processing region, including over 40 companies producing petrochemicals, fuel and fertilizer.

\$172 BILLION IN PROJECTS

CURRENTLY UNDERWAY WITHIN THE SERVICE

AREA OF THE EDMONTON REGION

- Alberta's Industrial Heartland expects an additional \$30 billion in investments by 2030.
- The service area for the Edmonton Metropolitan Region currently has \$172 billion in projects underway.

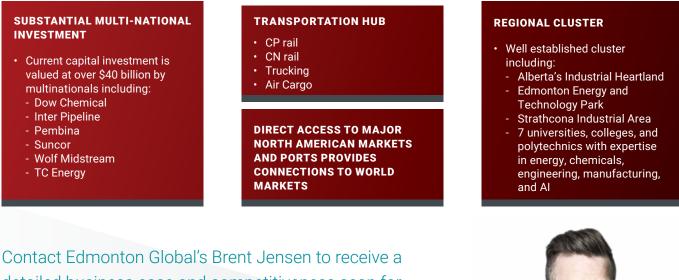
SKILLED WORKFORCE AND EXPERTISE

- The Edmonton region is home to one of the world's largest populations of qualified engineers working in the energy, petrochemical and plastics industries.
- Post-secondary institutions in the region have extensive expertise in producing a skilled workforce for the plastics sector.

GOVERNMENT SUPPORT AND INCENTIVES

- Municipal, provincial and federal programs have indicated a desire to secure domestic production of PPE to ensure security of supply long-term.
- Alberta Petrochemicals Incentive Program (APIP)
 Designed to attract value-add petrochemical investments and continued growth in the advanced chemical manufacturing sector. Plastics investments over \$50 million may qualify for this program.
 - The projected growth for this sector will continue to make the region more attractive for technology development.
- Accelerated Capital Cost Allowance
 - Allows companies to write off 100% of investments in manufacturing and clean energy equipment in the first year.

ECOSYSTEM SNAPSHOT



Contact Edmonton Global's Brent Jensen to receive a detailed business case and competitiveness scan for plastics manufacturing investment opportunities in the Edmonton Metropolitan Region.

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