



NOVA Chemicals® is a Responsible Care® company.

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NOVA Chemicals®, headquartered in Calgary, Alberta, Canada, is a wholly owned subsidiary of the International Petroleum Investment Company (IPIC) of the Emirate of Abu Dhabi.



MANUFACTURING  
 EAST OPERATIONS

Key Contributors to the  
 Manufacturing Sector

## MANUFACTURING EAST OPERATIONS

Our manufacturing facilities are strategically located in NOVA Chemicals' largest market for polyethylene products.

■ We employ approximately 900 highly skilled employees

■ We produce:

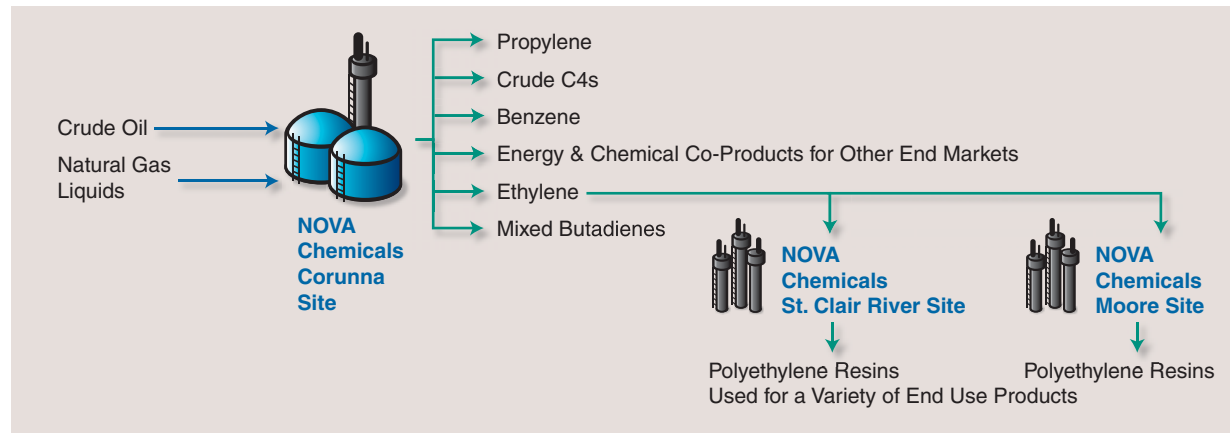
- 1.85 billion pounds of ethylene
- 4.7 billion pounds of chemical and energy products
- 1.2 billion pounds of polyethylene

■ We are a cornerstone of the local petrochemical economy

We are modernizing our eastern Canadian polyethylene assets, which will allow for the development of innovative higher-value low-density polyethylene products.

### RESPONSIBLE CARE®

We manage health, safety, security, environmental protection sustainability and corporate social responsibility primarily through Responsible Care, a global chemical industry performance initiative that helps member companies to continuously improve in these critical areas.



### SUSTAINABILITY

NOVA Chemicals is strongly committed to sustainability – for our business, but also by providing innovative products that help reduce waste and improve energy efficiency for our customers and society. We strive for continuous improvement in three critical areas:

**Environment:** We believe that sound environmental stewardship and careful management of natural resources are fundamental to a sustainable business.

**Social:** We develop and manufacture products that deliver value to our customers and make everyday life safer, healthier and easier.

**Economic:** We create economic value for our stakeholders, including providing jobs, purchasing goods and services in our communities.

Our manufacturing facilities are well integrated:

NOVA Chemicals develops and manufactures chemicals, plastic resins and end products that make everyday life safer, healthier and easier. Our employees work to ensure health, safety, security and environmental stewardship through our commitment to sustainability and Responsible Care.

### ETHYLENE AND CO-PRODUCTS

Ethylene is a gaseous hydrocarbon that is central to the production of both polyethylene and styrene monomer. NOVA Chemicals' Corunna Site produces 1.85 billion pounds of ethylene each year.

**Corunna Site** also produces 4.7 billion pounds of chemical and energy products – propylene, mixed butadiene – butenes, aromatic hydrocarbons, blended fuels and hydrogen gas as co-products from our ethylene production. The Corunna facility has three distinct advantages: access to a diverse range of feedstock types from various geographies, flexibility to process a wide range of feedstock types, and access to end markets.

### POLYETHYLENE

**Moore Site** and **St. Clair River Site** produce 1.2 billion pounds of polyethylene annually, manufactured from ethylene produced at Corunna Site.

Resin produced at these facilities are used for a variety of end-use products from everyday household items such as grocery bags, squeezable bottles and children's toys to large-scale industrialized applications such as pressurized pipe and industrial drums.

Our materials and technologies help our customers take innovative solutions into their markets. And that makes us a unique resin partner.