



# SARNIA-LAMBTON

ONTARIO  CANADA

## HYBRID CHEMISTRY CLUSTER

By integrating the established petrochemical and refining industry with Ontario's most abundant supply of agricultural feedstocks, Sarnia-Lambton is Canada's **PREMIER** location for the development of, and investment in, clean, green, and sustainable chemistry technologies and the nation's first and most well-established hybrid chemistry cluster.

The Sarnia-Lambton Hybrid Chemistry Cluster is recognized worldwide as North America's lead centre for bio-industrial manufacturing and R&D, with companies at every development stage from bench scale to pilot plant to full-scale commercial facilities.

## WHY SARNIA-LAMBTON?



### FEEDSTOCK AVAILABILITY

Abundant supply of oil, natural gas, and bio-based feedstocks.



### AFFORDABLE ENERGY

35-40% savings on electricity costs thanks to "behind-the-fence" energy pricing.



### ESTABLISHED INFRASTRUCTURE

Utilizing extensive existing and shared infrastructure can save 20% on capital costs.



### LOCATION

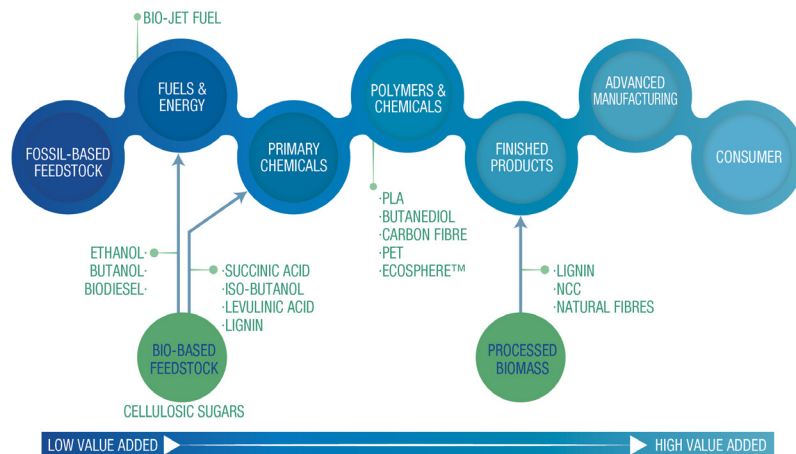
65% of USA, Ontario, and Quebec markets are within a one-day drive.

## SUCCESS PROFILE



SUNCOR OPERATES CANADA'S LARGEST ETHANOL FACILITY.

### HYBRID CHEMISTRY VALUE CHAIN



## HOME TO NATIONAL AND INTERNATIONAL INDUSTRY TITANS

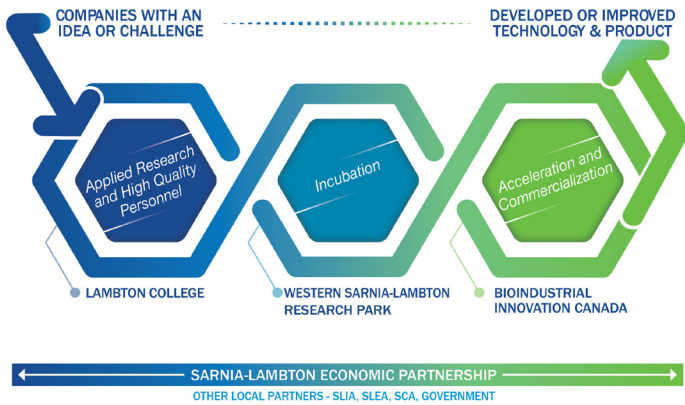
### BIO/RENEWABLE BASED



### FOSSIL FUEL BASED

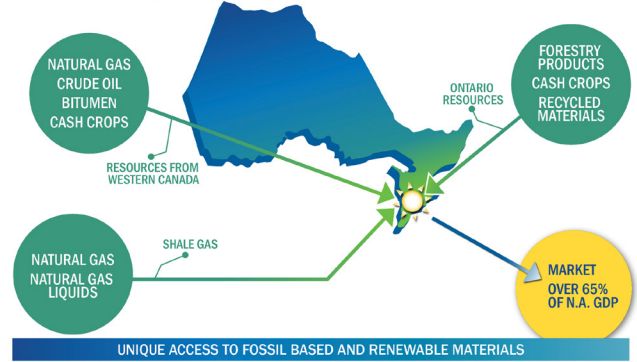


## COMMERCIALIZATION HUB



## SARNIA-LAMBTON HYBRID CHEMISTRY COMPLEX

UNIQUELY POSITIONED FOR LEADERSHIP IN SUSTAINABILITY



## FEEDSTOCK AVAILABILITY

- CORN**  
265 million bushels are produced in Southwestern Ontario each year.
- SOYBEANS**  
121 million bushels are produced in Southwestern Ontario each year.
- RESIDUAL BIOMASS**  
2.1 Million tonnes are produced in Southwestern Ontario each year.
- FOSSIL BASED FEEDSTOCKS**  
Natural gas, oil, and NGLs are all available in abundance.

### TRANSPORTATION & MARKET ACCESS

Sarnia-Lambton is located on major road, rail, water, and pipeline corridors to ensure a smooth flow of inputs and end products between members of the value chain and your company's facility.

## EDUCATION, INNOVATION, R&D ADVANTAGE

- Top 3 ranked college in Canada for Applied Research, three consecutive years
- Home to the Centre of Excellence in Energy and Bio-Industrial Technologies

- Canada's largest clean-tech incubator
- Outstanding Research Park Award - 2016

- Strategic investment, advice, and services to developers of clean, green and sustainable technologies, aiding in the commercialization of sustainable chemistry-based products

## INDUSTRIAL SITES - BLUEWATER ENERGY PARK & BIO-INDUSTRIAL PARK SARNIA

Fully serviced industrial parks for pilot, demonstration, and full-scale chemical facilities with direct connections to shared infrastructure and "behind-the-fence" energy pricing.

### CONTACT US

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**SARNIA-LAMBTON**  
 Economic Partnership  
 Powering a Sustainable World®

**Discoveries That Matter**  
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