

# The Propane Story

## from Well to Consumer

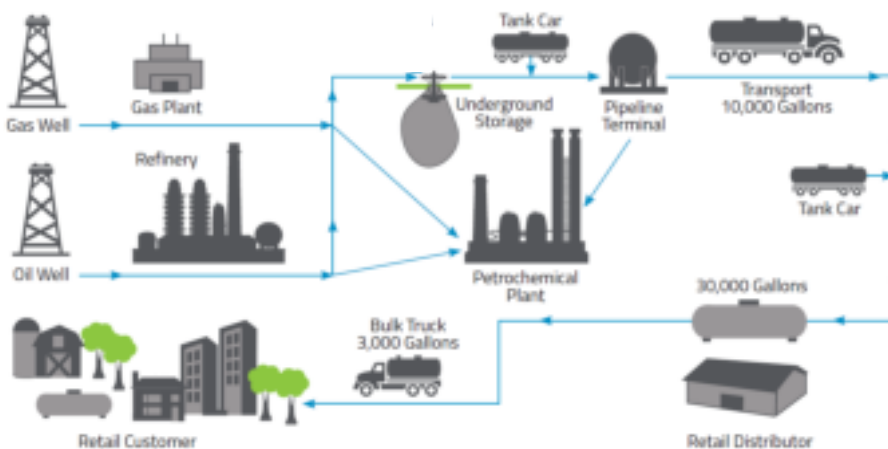


### What is Propane?

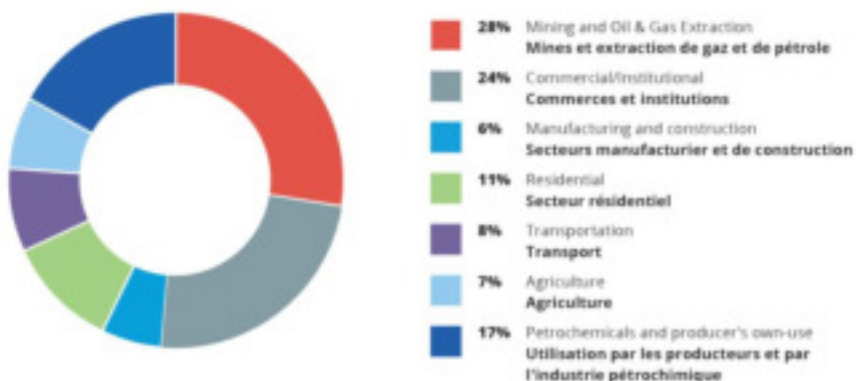
Propane is a versatile and portable fuel – chemical symbol  $C_3H_8$  – that is a derivative of natural gas processing and oil refining. It is extracted and used as a gas, but stored and transported as a liquid, to make distribution and use easy and efficient.

Recognized for its low environmental impact by the *Alternative Fuels Act*, propane is one of the cleanest and most versatile fuels in existence. Propane's GHG and particulate emissions are significantly lower than most other carbon-based fuels, such as gasoline, diesel and heating oil.

### Propane's Journey to Consumers



### Propane Demand in Canada



### Propane Uses

Hundreds of thousands of Canadians rely on propane for their homes, businesses, farms and fleets.

#### At Home:

- Heating air & water
- Fireplaces & cooking
- Fridges & dryers
- Pool heaters & generators

#### On the Road:

- School & transit buses
- Taxis & courier vans
- Police cars & other fleet vehicles

#### In Agriculture

- Barn & greenhouse heating
- Powering irrigation systems
- Grain drying

#### In Industry

- Mining operations
- Construction heating
- Powering fork lifts
- Metal processing

### Economic Benefits

The Canadian propane industry supports 21,000 direct jobs, and each year generates over \$4.4 billion economic value for the Canadian economy and contributes about \$1 billion in taxes and royalties.

### Canadian Propane Association

The Canadian Propane Association (CPA) is the national association for the Canadian propane industry. The CPA is dedicated to promoting propane, a clean, available, affordable and versatile energy solution, through training, emergency response and advocacy.

*Thank you to the Propane Education & Research Council for contributing to this document.*