

## Why export propane

- Propane is a clean-burning, portable, multi-purpose fuel that is non-toxic, economical, and safe.
- Several billion people around the world use propane for cooking and heating, generating power, cleaning and drying clothes, and powering equipment such as forklifts.
- Worldwide, 44 percent of overall propane consumption is for domestic use, the remainder is consumed by the chemical industry, refineries, transport, industry and agriculture. <sup>1</sup>
- Canada has an abundant supply of propane to offer global markets that rely on imported propane to meet their energy demands.
- Traditionally, most of Canada's propane exports have gone to the United States, however, due to increasing production they are now experiencing an over-supply.
- Global environmental concerns around greenhouse gas emissions from activities such as burning coal, are driving the increase in demand for propane - a cleaner burning fuel.
- The propane export terminal will help to open up new markets for natural gas producers as propane use continues to expand in Asia and other overseas markets.

<sup>1</sup> World LPG Association Annual Report 2015



### CONTACT US:

24 Hour Emergency:  
1.866.826.3830  
AltaGas Ltd.

Telephone: 1.403.691.7575  
Toll-Free: 1.888.890.2715

Email: [info.ridleypropane@altagas.ca](mailto:info.ridleypropane@altagas.ca)

### About AltaGas

AltaGas is an energy infrastructure company with a focus on natural gas, power and regulated utilities. AltaGas creates value by acquiring, growing and optimizing its energy infrastructure, including a focus on clean energy sources.

For more information visit: [www.altagas.ca](http://www.altagas.ca)

## RIDLEY ISLAND PROPANE EXPORT TERMINAL

[ridleyislandpropane.com](http://ridleyislandpropane.com)

**AltaGas**

## Key Facts

- AltaGas announced a Final Investment Decision on its Ridley Island Propane Export Terminal on January 3, 2017 following approval from federal regulators.
- Environmental aspects of the Project were reviewed by federal authorities under Section 67 of the Canadian Environmental Assessment Act 2012.
- The Terminal will be located on a site leased by Ridley Terminals Inc. from the Prince Rupert Port Authority. The brownfield site has a history of industrial development, existing CN rail lines and marine infrastructure.
- The sites location advantage provides very short shipping distances to markets in Asia, for example; a 10-day shipping time compared to 25-days from the U.S. Gulf Coast.
- Once operational, the Terminal will give producers access to premium markets in Asia for their propane.
- Overall cost is estimated to be \$450 - \$500 million.
- Construction is expected to begin in 2017 and the Terminal is expected to be in service by the first quarter of 2019.
- The Terminal will be constructed and operated to all applicable building codes and safety regulations and will be compliant with industry best practices and AltaGas' high standard for safety excellence.
- The Terminal will be designed to ship 1.2 million tonnes of propane per year.
- Liquid propane will be transported from British Columbia and Alberta via CN's existing rail line.
- The Terminal will have the capacity to handle approximately 50 to 60 rail cars per day and deliver by marine transport approximately 20 to 30 cargoes of propane per year to market.
- The Terminal will support long-term economic stability in the region through the diversification of products at Ridley Terminals, and employment opportunities for area residents and First Nations.
- Consultation with First Nations and the community will be ongoing throughout the life of the Project.

## Project schedule

	2016				2017				2018				2019
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
Consultation	[Dark Blue Bar]												
Environmental and Regulatory Process	[Light Blue Bar]				[Light Blue Bar]				[Light Blue Bar]				[Light Blue Bar]
Design and Detailed Engineering	[Dark Blue Bar]				[Dark Blue Bar]				[Dark Blue Bar]				[Dark Blue Bar]
Procurement	[Light Blue Bar]	[Light Blue Bar]			[Light Blue Bar]				[Light Blue Bar]				[Light Blue Bar]
Construction	[Light Blue Bar]				[Dark Blue Bar]				[Dark Blue Bar]				[Dark Blue Bar]
In Service	[Light Blue Bar]												[Dark Blue Bar]

\* Date ranges are approximate and subject to change.

## Project benefits

### The export facility will:

- Provide new market access for Western Canadian propane producers to Asia, a premium market for propane.
- Contribute to national trade and enrich Canadian-international partnerships.
- Diversify product and economic activity at Ridley Terminals.
- Support long-term economic stability in the region and provide local employment opportunities.
- Provide skills training and employment opportunities to local First Nations.
- Lead to approximately 200 to 250 construction jobs and 40 to 50 permanent job opportunities once the facility is operational.

## Here's how it works

