

# CLEAN LNG

## *Transporting Natural Gas*

- Pipelines are built to safely transport natural gas.
- B.C. has over 40,000 kilometers of existing pipelines.
- Pipelines transport natural gas from well sites to storage, distribution and processing facilities where natural gas can be liquefied for export.

## *LNG is Safe if Spilled.*

- **LNG** takes up 600 times less space than regular natural gas, making it easier to store and transport.
- If spilled, **LNG** evaporates into the atmosphere, leaving no residue on either soil or water. No environmental cleanup is required.

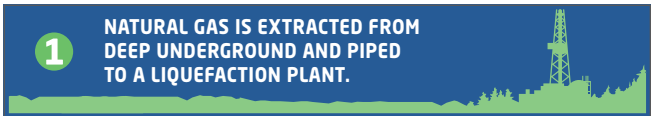


## Special Ships Transport Natural Gas Over the Ocean.

- **LNG** has been safely used and transported around the world for over 50 years.
- Large, specially designed, double-hulled ships transport **LNG** overseas.
- Once it reaches its destination, **LNG** is unloaded from the ship into a plant that turns it back to natural gas for transportation to customers.
- **LNG** is used worldwide as an energy supply for industry; as fuel for heating, cooking and other domestic purposes; as an alternative fuel for the transportation sector and for a wide range of other purposes.

1

NATURAL GAS IS EXTRACTED FROM DEEP UNDERGROUND AND PIPED TO A LIQUEFACTION PLANT.



2

ONCE AT THE PLANT, THE NATURAL GAS IS COOLED AND LIQUEFIED.



3

NOW LNG, IT CAN BE SAFELY LOADED ONTO A SHIP FOR TRANSPORT OVERSEAS.



4

AFTER REACHING ITS DESTINATION, THE LNG IS THEN UNLOADED AT A REGASIFICATION FACILITY FOR CONVERSION BACK INTO ITS ORIGINAL FORM.



5

THEN NATURAL GAS IS PIPED TO HOMES AND INDUSTRY FOR USE.

