



*A MARVEL OF NATURE AND INDUSTRY*

# KITIMAT

- History of Kitimat
- Attributes that attract investors
- Douglas Channel
- Projects
- Community Impact

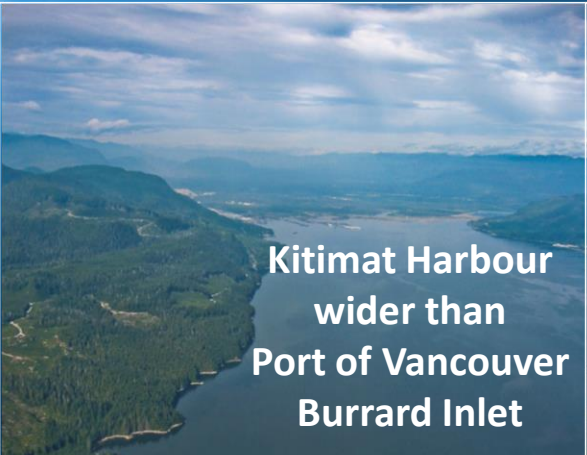
# Kitimat: Greenbelt City



# Kitimat: Industrial City







**Kitimat Harbour  
wider than  
Port of Vancouver  
Burrard Inlet**



**Sheltered inland passage**



**Decades of tanker and petroleum product  
Traffic: Methanol, MTBE, Condensate, Petroleum Coke**



**Wide flat valley**

# Douglas Channel



- Deep sea port, ice-free year round
- Channel depth 100 - 300 fathoms
- Channel narrowest point is 1.48km
- Open ocean is 98 nautical miles away
- Pilotage is compulsory
- Passage to Kitimat is safely accessible by vessels up to 320,000 Dead Weight Tonnage

# Shipping Distances

	<u>Days</u>	<u>Nautical Miles</u>
Vancouver to Hong Kong	15	5763
Kitimat to Hong Kong	14	5444



# Existing Terminals





# Rio Tinto Alcan - \$3.3 Billion

# Rio Tinto Alcan



# LNG Trains



# Kitimat LNG





## Kitimat LNG Quick Facts:

All major provincial and federal environmental approvals in place.

NEB export permit volume: 10 million tonnes per year.

Benefits agreements signed with 15 First Nations.

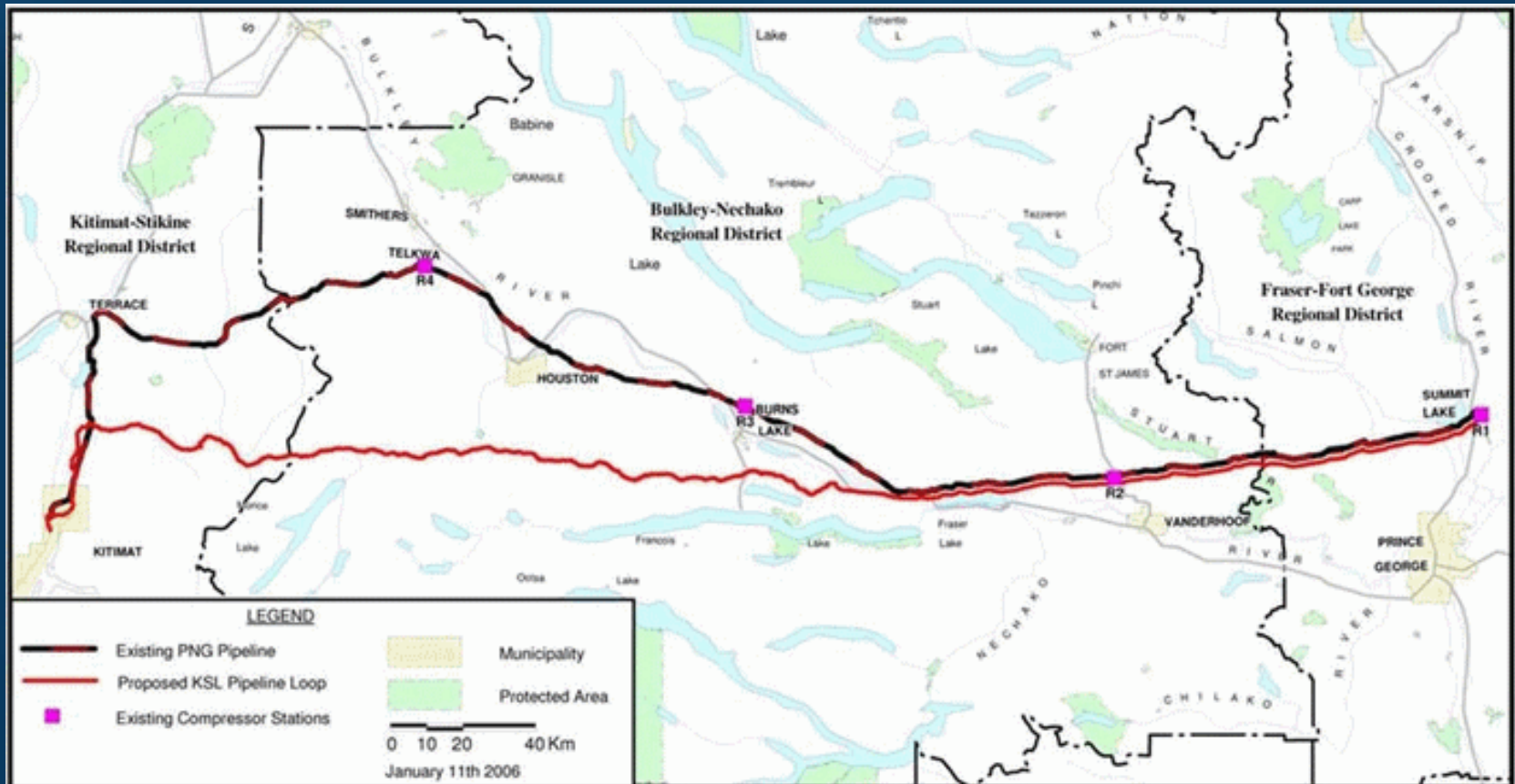
Will create an estimated 4,500 construction jobs between the LNG facility and Pacific Trail Pipeline that will be filled by British Columbians first.

# Kitimat LNG



# Pacific Trail Pipeline

New bi-directional 42", 470km pipeline to supply gas to KLNG



# Douglas Channel Energy Partnership Ltd

Douglas Channel Gas Service, on behalf of Douglas Channel Energy Partnership, proposes to construct and operate a small-scale natural gas liquefaction facility.





## LNG Canada

Is proposing to build and operate a liquefied natural gas (LNG) export terminal in Kitimat, British Columbia.







## LNG Canada Quick Facts:

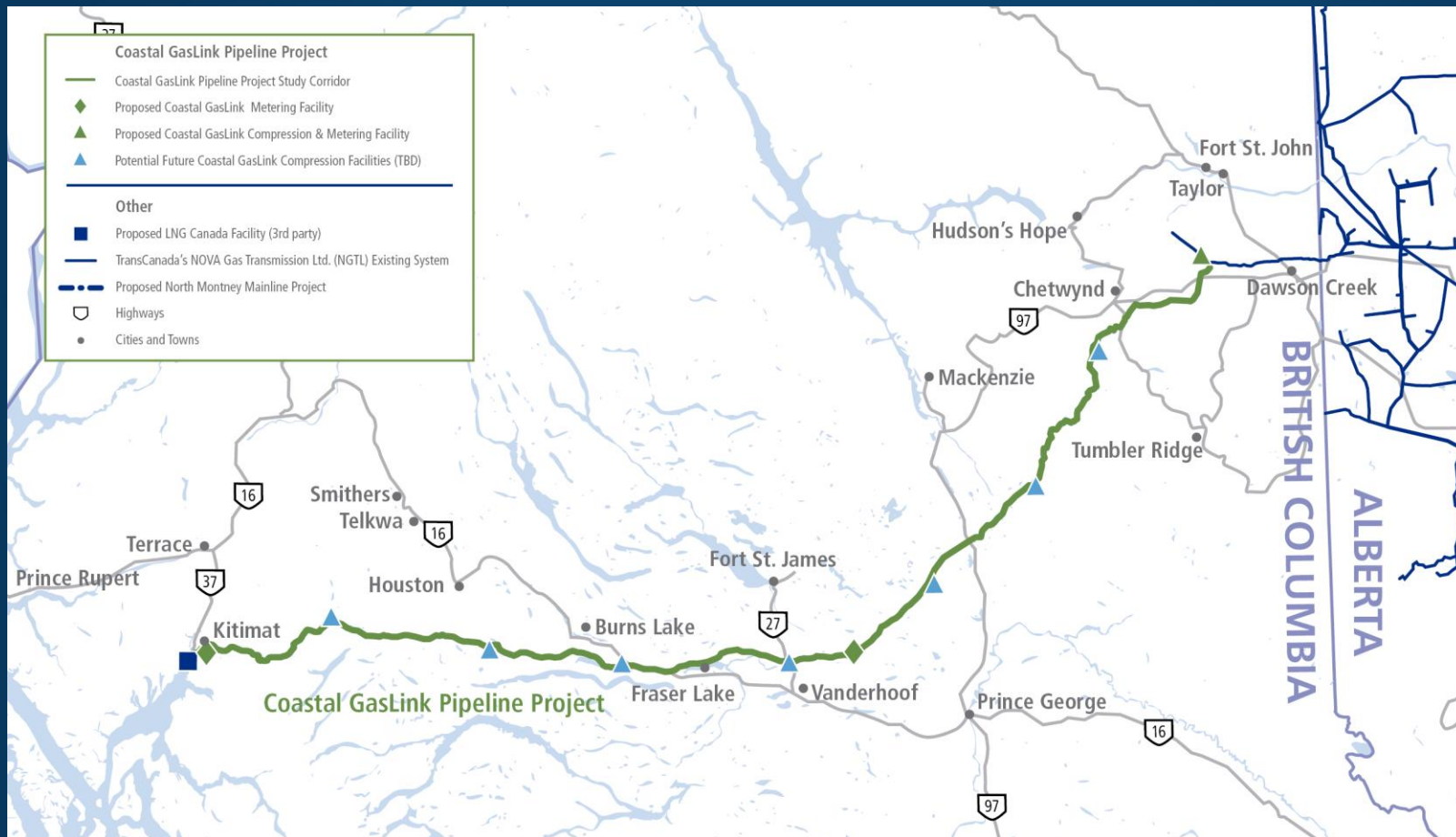
- Located on approximately 300 to 350 hectares of land
- First phase consists of the construction of two natural gas liquefaction trains
- At full build-out, will have storage capacity for 450,000 m<sup>3</sup> of LNG
- The first phase will require an estimated workforce in the Kitimat area of up to 5,500 people at the peak of construction
- During operation, LNG Canada will directly employ an estimated 200 – 400 people after full build-out
- 170 to 350 LNG carriers are expected to visit the terminal annually, and the actual number will depend on the size of the LNG carriers

# LNG Canada

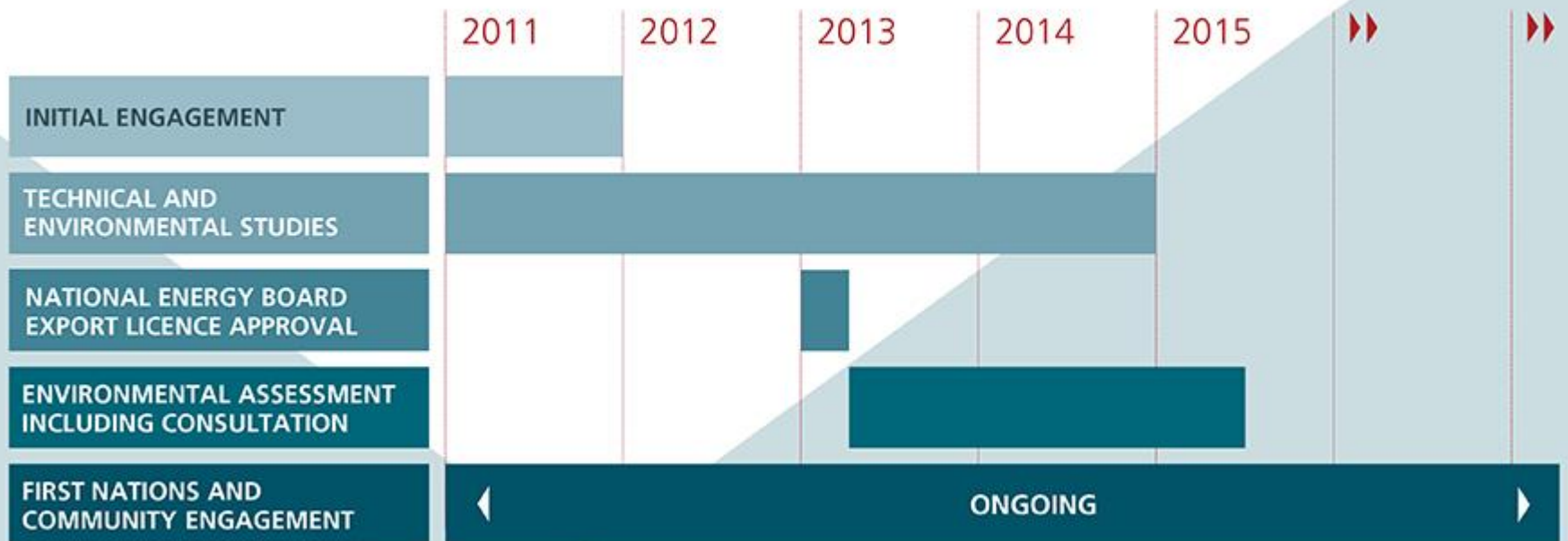


# Coastal GasLink

TransCanada Corporation has been selected by Shell Canada Ltd and its partners to design, build, own and operate the proposed Coastal GasLink project, an estimated \$4-billion pipeline that will transport natural gas from the Montney gas-producing region near Dawson Creek, British Columbia to the recently-announced LNG Canada liquefied natural gas export facility near Kitimat, BC.



## Final Investment Decision (FID) Timeline



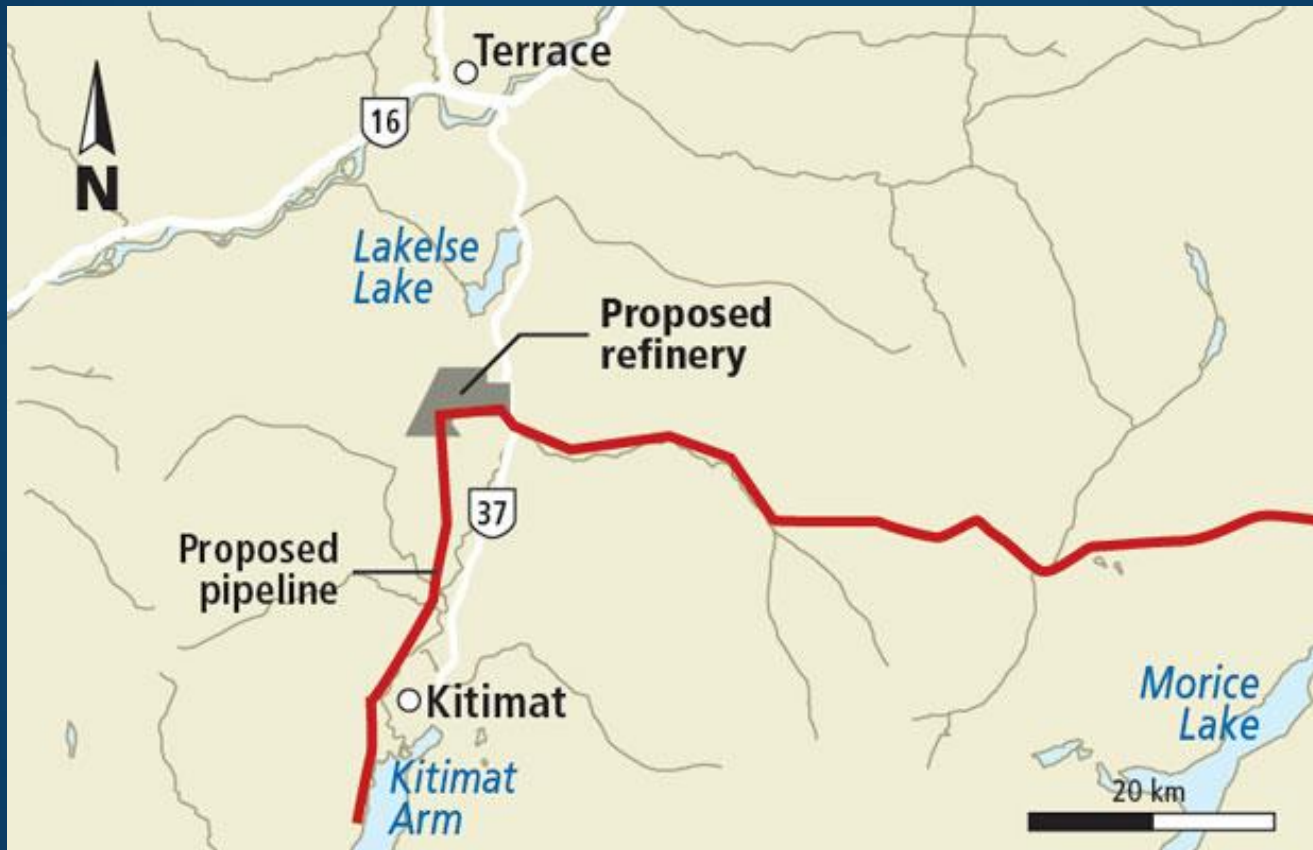
## Enbridge Northern Gateway

Marine Terminal and Pipeline Two 1,150km pipelines – 193kbpd (1000 barrels/day) condensate import pipeline and 36” 525kbpd bitumen export pipeline – plus a two-berth marine terminal and tank farm. Both oil and condensate lines will be serviced by 10 electrically-powered pump stations to limit noise and greenhouse gas emissions. This project is expected to employ 165 persons to operate the new terminal and tug fleet, to maintain first response, and to monitor the environment.



# Kitimat Clean

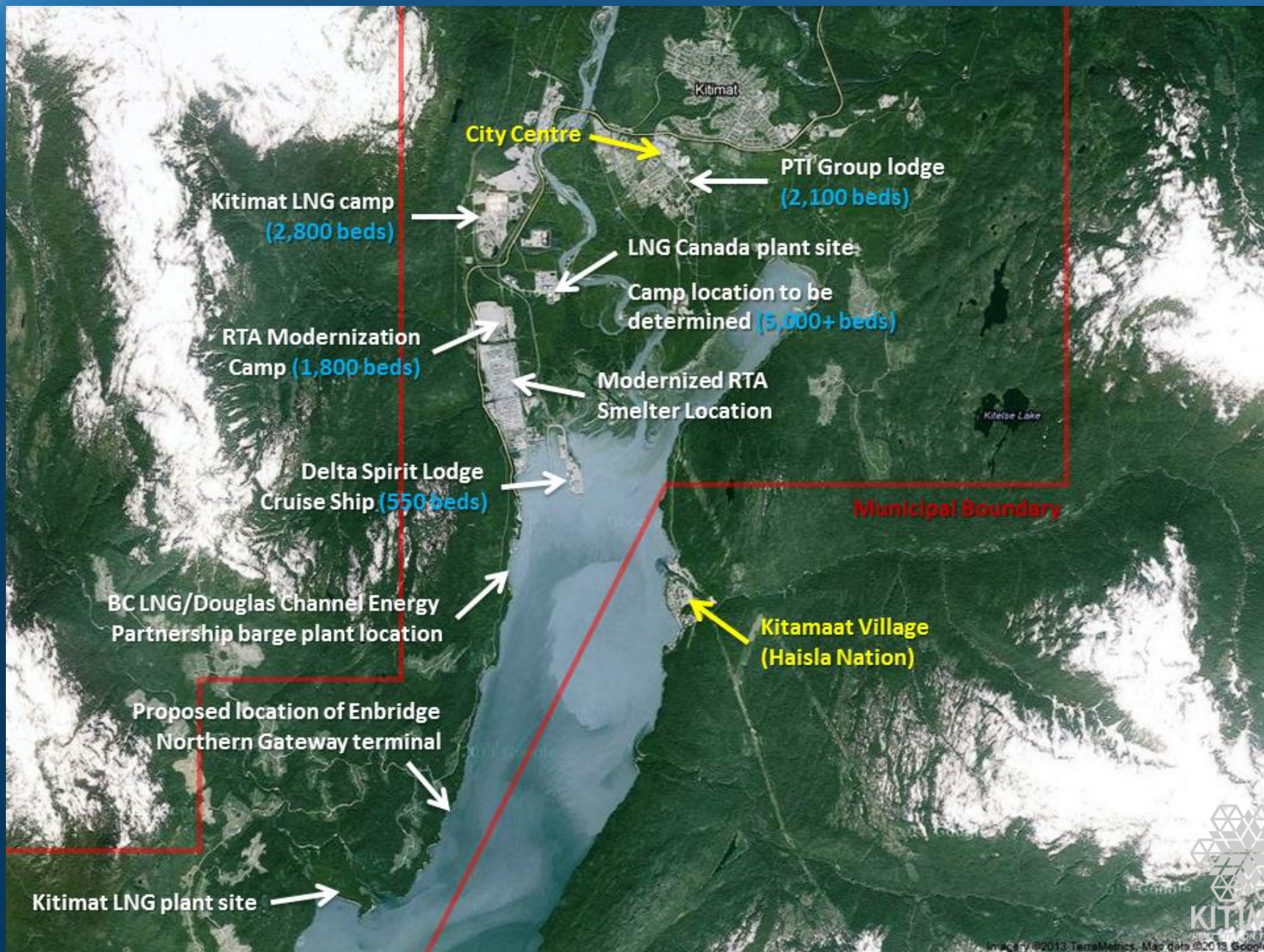
In August 2012 Kitimat Clean Ltd submitted a proposal to build a large oil refinery in the Kitimat Valley to process heavy crude oil delivered by the Northern Gateway project.





So what does this all mean for  
local communities?

# Camps







**Rio Tinto Alcan Camp**



**Kitimat LNG Camp**



**PTI Group Lodge**



# Delta Spirit Lodge Cruise Ship

# Community Revitalization

- Local retail sector opportunities
- Industrial sector opportunities
- Investment opportunities





## Economic Diversity

- Asia-Pacific location
- Emerging transportation hub
- Diverse economic opportunities



# People of the Snow

Mild coastal  
climate



# Community Amenities





# iNVEST IN NORTHWEST

BRITISH COLUMBIA, CANADA

There is over \$30 Billion in major projects and investment opportunities planned in Northwest BC!



For further information, please contact:

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[www.kitimat.ca](http://www.kitimat.ca)

[www.investnorthwestbc.ca](http://www.investnorthwestbc.ca)

