Northwest BC

Major Projects

Kitimat
Chamber of Commerce

January 2017
www.kitimatchamber.ca

Northwest BC Major Projects

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Alloycorp Mining Inc.

www.alloycorp.com

Avanti Kitsault Project *- Under Construction*

Avanti Kitsault Mine is located between Observatory Inlet and the Nass Valley, approximately 140 km north of Terrace. Alloycorp Mining Inc. holds a 100% interest in the project through its wholly-owned subsidiary, Avanti Kitsault Mine Ltd.

Avanti Kitsault will be one of the top four primary molybdenum mines in the world, expected to reach production in 2017. Overall, this high-grade mine has an anticipated mine life of 14 years, with an average annual production of approximately 11,300 tonnes of molybdenum and over 1 million ounces of silver.

Pre-construction activities at Avanti Kitsault are complete. Rough grinding of the earthworks for the project's camp and processing plant area have been substantially finished, and restoration and upgrade of the Nass River Bridge and primary road access to site, is complete.

- Estimated Investment: $ 1 billion
- Estimated Labour Force: 700 jobs during construction, 300 operational
- Estimated Completion Date: Spring 2017

AltaGas

www.altagas.ca

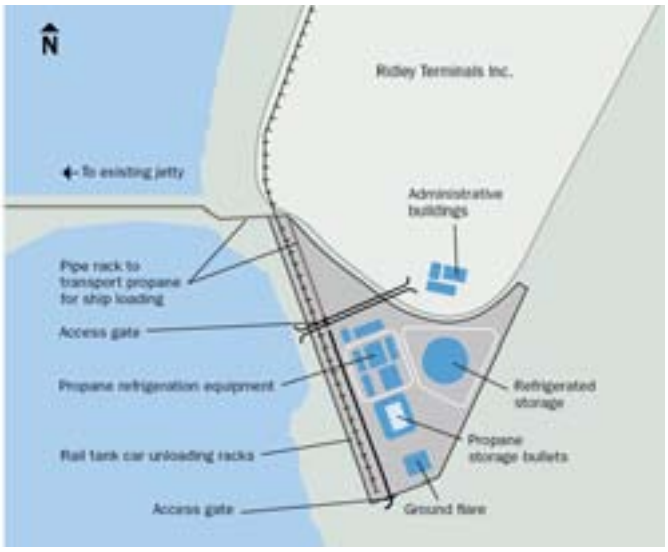
Ridley Island Propane Export Terminal *- Under Construction*

AltaGas made positive Final Investment Decision in January 2017 to develop, build and operate the Ridley Island Propane Export Terminal. The project is located on a site sub-leased from Ridley Terminals Inc. on land administered by the Prince Rupert Port Authority.

The Ridley Island Propane Export Terminal is designed to ship up to 1.2 million tonnes of propane per year. Propane from British Columbia and Alberta natural gas producers will be transported to the Facility using the existing CN rail network. It is estimated that the Facility will offload approximately 50-60 rail cars per day and deliver by marine transport approximately 20-30 cargos of propane per year to market.

Construction is expected to begin in early 2017. The project will include: rail car unloading facilities, refrigeration equipment, power generation, connection to BC Hydro's grid, propane storage tanks, new piping and the addition of new loading arms to RTI's existing berth.

The Ridley Export Terminal is expected to be the first propane export facility on Canada's west coast.



- Estimated Investment: $ 450-500 million
- Estimated Labour Force: 200-250 during construction, 40-50 operational
- Estimated Completion Date: Spring 2019

Hard Creek Nickel

www.hardcreek.com

Turnagain Project *- Under Construction*

Hard Creek Nickel Corp. is developing the Turnagain Nickel Deposit, a giant nickel sulphide deposit situated north of Turnagain River and 70 km east of Dease Lake.

A Preliminary Economic Assessment announced in October, 2011 models initial production of 52 million pounds of nickel and 2.8 million pounds of cobalt per year in a high quality, 18% nickel concentrate for sale to smelters. Production ramps up in year six (2017) to 97 million pounds of nickel plus 5.3 million pounds of cobalt per year for the next sixteen years. Financial metrics are competitive with every other large greenfields nickel project in the world. A US$555-million expansion will increase mill throughput to 85,000 t/d for an annual production rate of 97.87 million pounds of nickel and 5.36 million pounds of cobalt in the next 16 years.

Turnagain Camp

- Estimated Investment: $ 1.3 billion (USD) and another $ 555 million (USD) in year 5 for expansion
- Estimated Labour Force: TBD
- Estimated Completion Date: First phase complete, expansion completion TBD

Port of Prince Rupert

www.rupertport.com

Fairview Terminal Phase II *- Under Construction*

Refer to page 5 for the completed Phase I project.

Phase II includes both a northern and southern expansion of the terminal. The project will expand the wharf to 800 m in length and enable an increase in throughout capacity to 1.2 million TEU per annum. The project includes:

- Dredging and construction of a 155 m long and 40 m wide piled concrete wharf.
- Reclamation of 3 ha of land at the north end of the terminal.
- Modification of the Small Craft Harbours breakwater and float.
- Addition of 36 m to the southern apron structure.
- Construction of mooring dolphin and walkway.
- Excavation/construction of a container park east of the terminal.
- Upgrade of rail capacity and installation of additional rails and cranes on the new wharf extension.

- Estimated Investment: $ 200 million
- Estimated Labour Force: 3,000 during construction, 400-600 operational
- Estimated Completion Date: Spring 2017

Pretivm

www.pretivm.com

Brucejack Project *- Under Construction*

Pretivm's 100% owned Brucejack Project is comprised of high-grade visible gold stringers within a lower grade gold quartz stockwork system in the "Valley of the Kings".

The Brucejack Project is located approximately 65 km north of Stewart and is part of a largely unexplored land package of over 122,133 hectares.

A feasibility study completed in June 2014 has outlined proven and probable mineral reserves in the Valley of the Kings of 6.9 million ounces of gold (13.6 million tonnes grading 15.7 grams per tonne gold).

The British Columbia government has approved Brucejack gold mine and the provincial environment assessment certificate was issued in 2015. Construction of the mine started in summer 2015 and estimated to be in commercial production by 2017.

Bruejack Sept 2015

- Estimated Investment: $ 747 million
- Estimated Labour Force: 500 during construction, 300 operational
- Estimated Completion Date: Fall 2017

Chevron / Woodside

www.kitimatlngfacility.com

Kitimat LNG & Pacific Trail Pipeline *- Proposed*

The proposed Kitimat LNG Project is a co-venture between Chevron Canada and Woodside Energy International Limited (Woodside). The project consists of the development of natural gas resources found in shale and tight rock formations in the Liard and Horn River Basins in northeastern British Columbia.; transportation of that gas across northern British Columbia via a third party pipeline and the Pacific Trail Pipeline (which is a 480 km underground pipeline) to Kitimat on the west coast; and a liquefaction facility at Bish Cove near Kitimat that will cool the gas into a liquid (LNG) for shipping to overseas markets.

The project has received all environmental approvals and a 20 year export license from the Canadian Federal Government and is in the Front End Engineering and Design phase (FEED). Early preparation work began at Bish Cove, Kitimat, in 2011 and full construction of the facility will start as soon as Final Investment Decision is made.

LNG Facility:
- Estimated Investment: $ 4.5 billion
- Estimated Labour Force: 3,000 during construction
- Estimated Completion Date: TBD

Pipeline:
- Estimated Investment: $ 1.3 billion
- Estimated Labour Force: 1,500 during construction

Ridley Island Terminals

www.rti.ca

Capacity Realization Project *- Project On Hold Due To Drop In Coal Requirements*

Ridley Terminals Inc. is a federal crown corporation that operates the Ridley Island Terminals located near Prince Rupert. The terminals are a leader in the efficient and reliable movement of coal and other bulk commodities from trains onto ships. The Ridley Terminals Capacity Realization Project will increase the annual shipping capacity from 12 to 25 million tons by the end of the project.

The project is in the construction phase, but has been put on hold. Two dumper barrels have been installed, 44 acres of land has been cleared for improvements, additional conveyances have been installed and the entire rail infrastructure has been upgraded.

Aerial View of Ridley Island Terminals Existing Infrastructure

- Estimated Investment: $ 200 million
- Estimated Labour Force: 380 during construction
- Estimated Completion Date: TBD

BC Hydro

www.bchydro.com

Terrace to Kitimat Transmission Line *- Proposed*

The existing transmission line, which runs between Terrace and Kitimat and then to Rio Tinto, is almost 45 years old and needs to be replaced with a new line. BC Hydro is planning to replace the aging 287 kV transmission line between Skeena Substation (near Terrace) and Minette Substation (near Kitimat) with a new 287 kV line on the west side of the Kitimat Valley to ensure they can keep meeting the area's needs. The project also involves replacing the short transmission line between Minette Substation and Kitimat Substation (at Rio Tinto).

This transmission line is an important one. Not only does it provide electricity to Kitimat, but it also connects the electricity system to existing industrial facilities in the area, such as Rio Tinto and its Kemano generating facility. It can also support new demand for electricity from proposed LNG facilities and other future industrial developments in the Kitimat area.

Construction of the new transmission line is scheduled to begin in 2017. Once the new line is operating reliably, the existing line on the east side of the valley will be removed.

First Nations consultation and stakeholder engagement will continue throughout the project.

- Estimated Investment: $ 115 million
- Estimated Labour Force: TBD
- Estimated Completion Date: 2018 - 2019

BG Group and Spectra Energy Pipeline

www.princerupertlng.ca

Pipeline and LNG Facility *- Proposed*

Spectra Energy and partner BG Group, propose to build an 850 km natural gas system originating from northeastern British Columbia to serve BG Group's potential liquefied natural gas (LNG) export facility on Ridley Island, Prince Rupert.

The natural gas transportation system will be capable of transporting up to 4.2 billion cubic feet per day of natural gas. The project will provide the required natural gas transportation capacity to meet the demands of a proposed LNG terminal on British Columbia's West Coast, in keeping with British Columbia's Jobs Plan and its goal of establishing LNG facilities by 2020.

The project also will connect with the Spectra Energy system at Station 2 (southwest of Fort St. John), a growing natural gas hub that collects supply from multiple areas of the province and other supply basins in Western Canada.

200-acre section of land which BG have secured on Ridley Island

LNG Facility:
- Estimated Investment: $ 10 billion
- Estimated Labour Force: 3,000
- Estimated Completion: 2019-2020

Pipeline:
- Estimated Investment: $ 8 billion
- Estimated Labour Force: 1,000 construction jobs
  60 operational
- Estimated Completion: 2019-2020

Capstone

www.capstonemining.com

Kutcho Mine Project *- Proposed*

The Kutcho Project is a high grade copper-zinc development project, located approximately 100 kilometres east of Dease Lake and 330 km north of Smithers in the Liard mining district of north-western British Columbia. Capstone is presently evaluating strategic alternatives with regard to the Kutcho project.

After the acquisition of the Kutcho Project, Capstone reassessed the development plans and focused on the development of a smaller scale, lower capital cost operation, focussing on high grade production. The site is accessible via a 900 m long gravel airstrip and a 100 km long seasonal road from Dease Lake, only suitable for off-highway vehicles during the summer months. An all-weather road will need to be constructed, connecting with Highway 37 to the port of Stewart.

Since exploration was completed in 2011, Capstone is currently focused on completing basic engineering and preparing the Kutcho Project Environmental Assessment Certificate (EAC) Application, along with discussions with First Nations and other stakeholders.

Kutcho Mine Camp #3

- Estimated Investment: $ 187 million
- Estimated Labour Force: 300 jobs during construction, 230 operational
- Estimated Completion Date: TBD

Copper Fox Metals

www.copperfoxmetals.com

Schaft Creek Project *- Proposed*

The Schaft Creek Project is a proposed open pit mine on a large undeveloped copper, gold, molybdenum and silver deposit 45 km west of the Stewart-Cassiar Highway and approximately 80 km south of Telegraph Creek.

In January 2013, Copper Fox completed a Feasibility Study prepared by Tetra Tech on the Schaft Creek deposit based on an open pit mine, processing at a nominal rate of 130,000 tonnes per day with a 21 year mine life. The open pit mine will produce 4.88 billion pounds of copper, 4.21 million ounces of gold, 25.10 million ounces of silver and 214.92 million pounds of molybdenum throughout the project's lifespan.

The Schaft Creek Project is currently undergoing review from the British Columbia Environmental Assessment Office and is in the pre-application phase.

View of Schaft Creek Project Site

- Estimated Investment: $ 3.7 billion
- Estimated Labour Force: 1500-2400 jobs during construction, 600-800 operational
- Estimated Completion Date: TBD

Douglas Channel

www.douglaschannellng.com

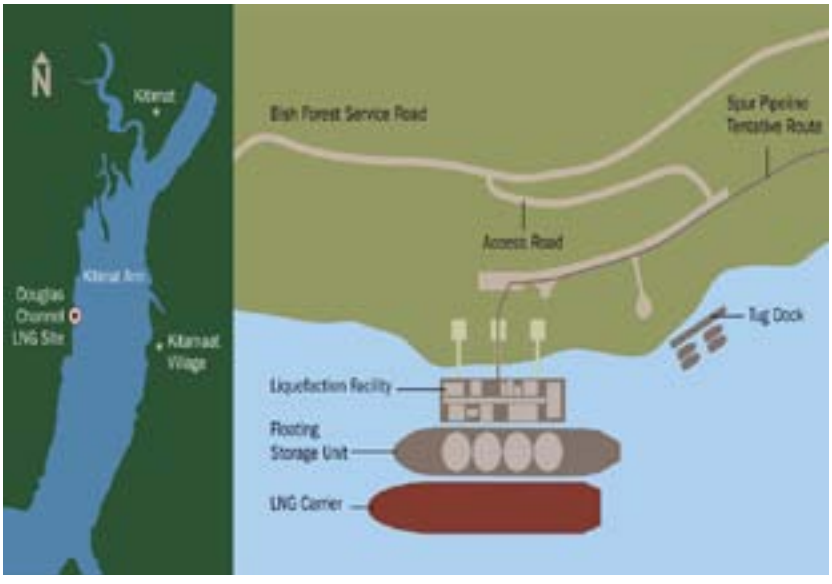
LNG Project *- Proposed (as of February 25th, 2016 this project is on hold)*

The Douglas Channel LNG Consortium has full ownership and control of the Douglas Channel LNG project. Members of the Consortium include AIJVLP (a limited partnership between AltaGas Ltd. and Idemitsu Kosan Co.,Ltd.), EDF Trading and EXMAR.

The small-scale project is proposed as a floating liquefied natural gas facility with the capacity to export approximately 550,000 metric tonnes of LNG per year from District Lot 99, near Kitimat. The project site is secured by long term lease agreements with the Haisla Nation regarding land and water tenure.

Natural gas for the project will be sourced from Western Canada. Under a 20-year transportation contract approved by the British Columbia Utilities Commission, the gas will be transported to the project site for liquefaction via PNG's existing pipeline system.

On February 25, 2016 this project has been put on hold "due to adverse economic conditions and worsening global energy price levels".



- Estimated Investment: $ 600 million
- Estimated Labour Force: TBD
- Estimated Completion Date: Estimated 2018

Galore Creek Mining Corporation (GCMC)

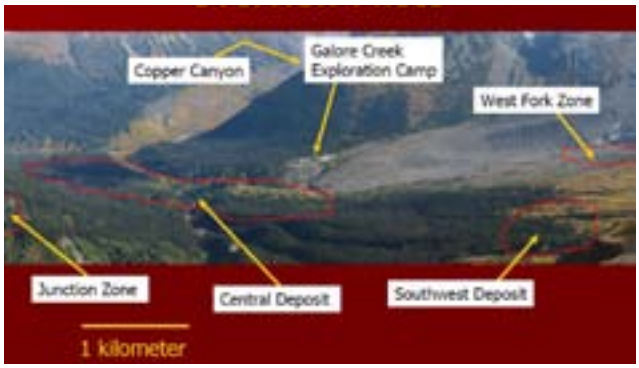
www.gcmc.ca

Galore Creek Project *- Proposed*

The Galore Creek project is located approximately 150 km northwest of Stewart.

The Galore Creek project would be a large-scale open-pit copper-gold-silver mine which would provide ore to a process plant at a nominal rate of 95,000 tonnes per day or 34.6 million tonnes per year over an approximate 18-year mine life. Mining and mine rock facilities would be located in the Galore Valley. A tunnel would connect the mining facilities to the process plant and tailing facilities in the adjacent West More Valley. The process plant would produce a high-quality copper concentrate with significant gold and silver credits, using a conventional grinding and flotation circuit. The concentrate would be transported along the project access road to Highway 37, then along Highway 37 to a marine loading facility in the town of Stewart for shipment to various international destinations.

GCMC carried out minor safety improvements on the project access road during this time. Further work was carried out in late 2011 to assess the implications of a larger mineable resource and optimize components of the project design. Additional studies are underway to assess opportunities to improve the project. Environmental baseline studies are ongoing.



- Estimated Investment: $ 4.0 billion
- Estimated Labour Force: TBD
- Estimated Completion Date: TBD

LNG Canada Project and Coastal GasLink Pipeline *- Proposed*

www.lngcanada.com
www.coastalgaslink.com

LNG Canada is a joint venture company comprised of four global energy companies (Shell, KOGAS, Mitsubishi Corporation and PetroChina). LNG Canada is proposing to build and operate a two billion cubic feet per day liquefied natural gas export terminal in Kitimat.

The LNG Canada Project will consist of the construction and operation of natural gas treatment facilities, liquefied natural gas (LNG) liquefaction, storage facilities and marine terminal facilities. The facility will initially consist of two LNG process units, each with the capacity to produce 6 million tons of LNG per year. Another two LNG process units may be added to the project.

In April 2014, LNG Canada announced CFSW LNG Constructors (CFSW) as its main contractor for the proposed LNG export terminal in Kitimat. The contract covers Front End Engineering and Design (FEED) as well as project execution services, subject to a Final Investment Decision by LNG Canada.

Coastal GasLink Pipeline Limited is proposing to build an approximately 670 km pipeline from the Dawson Creek area to this proposed LNG Canada facility. Both of these projects are in the feasibility stages.

Coastal GasLink and LNG Canada are committed to building and maintaining positive relationships with First Nation communities and Metis organizations. LNG Canada announced in 2016 that they will delay their Final Investment Decision (FID) for 18 months to 2 years.

This is an artist's rendering illustrating the project at full build-out and may not be to scale. Colours and specific features including final location of certain elements and materials to be used are subject to change based on ongoing evaluations.

LNG Facility:
- Estimated Investment: $ 25-40 billion
- Estimated Labour Force: 4,500-7,500 during construction, 300-800 operational

Pipeline:
- Estimated Investment: $ 4.8 billion
- Estimated Labour Force: 2,000-2,500 during construction, 15-35 operational

Nexen Energy ULC

http://auroralng.nexencnoocltd.com

Aurora LNG Project *- Proposed*

Aurora LNG is a joint venture between Nexen Energy and INPEX Gas British Columbia Ltd. Aurora LNG is evaluating a site at Digby Island, west of Prince Rupert. and is in the early phases of project development and assessment.

While the final design of the LNG facility is still to be determined, it is envisioned to include a natural gas receiving and LNG production facility, which will process approximately 24 million tonnes per year of LNG. The facility will include LNG liquefaction trains and LNG storage tanks, as well as a marine terminal and LNG loading facility capable of accommodating up to two LNG carriers.

The environmental assessment and review is underway. Subject to obtaining an Environmental Assessment Certificate, regulatory permits and making a final investment decision, construction could begin in 2020.

Conceptual layout of Aurora LNG facility

- Estimated Investment: $ 17-20 billion
- Estimated Labour Force: 2,650-5,000 during construction, 300-600 operational
- Estimated Completion Date: TBD

Pacific Northern Gas

www.png.ca

Looping Project *- Proposed*

Pacific Northern Gas Ltd. (PNG) is proposing to upgrade its gas transmission capacity by looping its existing natural gas transmission pipeline between Summit Lake and Kitimat. The new pipeline will increase the overall pipeline capacity of the PNG Transmission System in order to meet the requirements of its existing customers and new small-scale Liquefied Natural Gas (LNG) projects proposed for construction in Kitimat.

The proposed project involves the construction of approximately 525 kms of new 24" pipe, operating in parallel with the existing pipeline, which will minimize disturbance along the project route and ensure efficient operations and maintenance.

A project description was filed with the Federal and Provincial Environmental Assessment Agencies in 2013.

- Estimated Investment: $ 5 billion
- Estimated Labour Force: 1,800-2,400 during construction
- Estimated Completion Date: TBD

Petronas Pacific Northwest
LNG Project and Petronas Pipeline *- Proposed*

www.pacificnorthwestlng.com
www.transcanada.com

Pacific NorthWest LNG is a proposed natural gas liquefaction and export facility on Lelu Island within the District of Port Edward on land administered by the Prince Rupert Port Authority (PRPA). The facility would liquefy and export natural gas produced by Progress Energy Canada Ltd. Both Pacific NorthWest LNG and Progress Energy are majority-owned by PETRONAS.

Pacific NorthWest LNG announced a positive Final Investment Decision in June 2015, subject to two conditions. The first condition was satisfied in July 2015 after the Project Development Agreement legislation was passed by the Legislative Assembly of British Columbia. The final condition was a positive regulatory decision on the project's environmental assessment by the Government of Canada, which was satisfied in September 2016. Construction will begin once the project has received an environmental certificate from both the provincial and federal governments, made a final investment decision and obtained all necessary permits. Construction is estimated to take approximately four years.

Pacific NorthWest LNG would receive natural gas delivered via the 900 km Prince Rupert Gas Transmission (PRGT) project. If approved, the pipeline will deliver natural gas from a point near the District of Hudson's Hope to Lelu Island within the District of Port Edward.

LNG Facility:
- Estimated Investment: $ 11 billion
- Estimated Labour Force: 4,500 during construction and 330 operational

Pipeline:
- Estimated Investment: $ 5 billion
- Estimated Labour Force: 2500 during construction

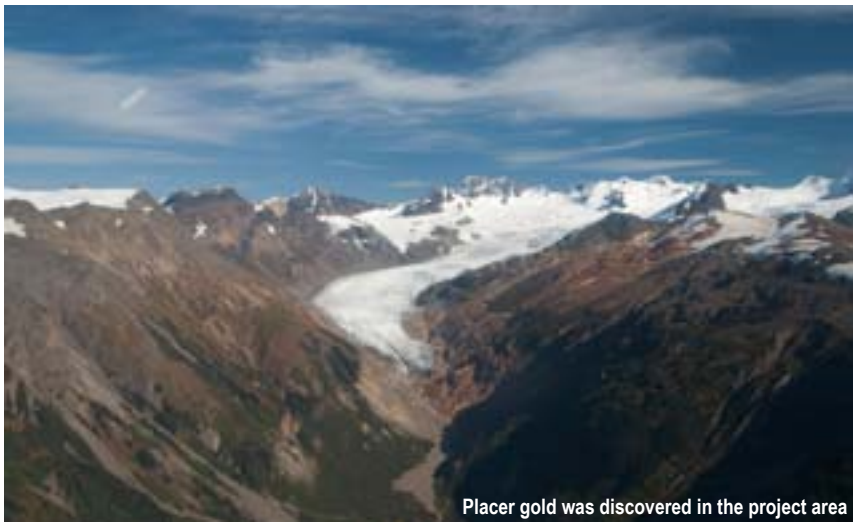
Seabridge Gold
KSM Project *- Proposed*

www.ksmproject.com

Seabridge Gold's KSM Project is a proposal to build a gold, copper, silver and molybdenum mine. The project is located 65 km northwest of Stewart and approximately 350 km northwest of Terrace.

The project has proven and probable reserves that total 38.5 million ounces of gold and 9.9 billion pounds of copper, 191 million ounces of silver and 213 million pounds of molybdenum. With an estimated mine life of 52 years, the KSM Project is positioned to become an economic anchor for Northwest British Columbia for years to come.

KSM has completed the environmental assessment process and received approval from the Provincial and Federal governments, recognizing the KSM Project will not result in significant adverse effects. The company is now focusing on obtaining approximately 100 additional operating permits, strategic partnerships and financing prior to the start of construction.



- Estimated Investment: $ 5.2 billion (USD)
- Estimated Labour Force: 1,800 during construction, 1,040 operational
- Estimated Completion Date: 2020

David Black

www.kitimatclean.ca

Kitimat Clean Ltd. *- Proposed*

Kitimat Clean Ltd. is a private company based in British Columbia that was formed in 2012 to plan, construct and operate an oil refinery 13 km north of Kitimat.

The proposed project consists of an oil refinery, rail spurs, tank farm, refined fuel delivery pipelines corridor and a marine terminal for product export. Hardened bitumen will be transported from Alberta to the receiving facility at the refinery using existing CN rail lines. The refinery will process up to 400,000 barrels per day of bitumen, which will be processed into fuel products, including gasoline, diesel, some ultra-low sulphur diesel and jet fuel. Added byproducts include butane, propane and sulphur pellets. The processed fuels will be stored in tanks and then delivered to the marine terminal on the west side of the Douglas Channel in Kitimat by pipeline. The refined products will be loaded on Very Large Crude Carrier (VLCC) tankers for export to Asia.

As requested by Kitimat Clean, Hatch has configured the greenest heavy oil refinery in the world. Kitimat refinery will be less than the CO2 emitted by the conventional oil industries in Iraq and Nigeria. An environmental project description was submitted to the BC and Canadian governments on March 31, 2016. Further environmental analysis and permitting will take two years.

- Estimated Investment: $ 22 billion
- Estimated Labour Force: 6,000 jobs during construction, 3,000 operational
- Estimated Completion Date: TBD

Pacific Future Energy

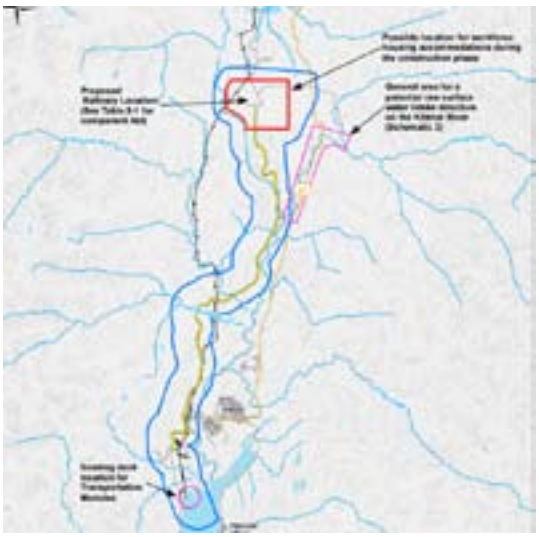
www.pacificfutureenergy.com

Refinery Project *- Proposed*

Pacific Future Energy proposes to build, with First Nations as co-creators, a bitumen-to-fuels refinery on a site between Terrace and Kitimat. It would produce diesel, gasoline, jet fuel and other products, primarily for export but also to serve domestic demand.

The Refinery will have an input capacity of 200,000 barrels per day or 31,795 cubic meters per day of bitumen called NEATBIT™ (neat bitumen). The refinery would bring in NEATBIT™ bitumen by rail, reducing risks of damage from land and water spills. The NEATBIT will be unloaded into storage tanks located at Dubose Flats. The refinery would be powered with clean energy and use the latest in technology to achieve Near Zero Net Carbon emissions.

In January 2016, Pacific Future Energy filed its formal "Project Description," which provides the public with information about its plans to build the world's greenest bitumen refinery in northwest BC, with federal and provincial regulators. The filing means that the BC Environmental Assessment Office and the Canadian Environmental Assessment Agency will soon kick off a government and public review process that could take up to two years.



- Estimated Investment: $ 9 to 11 billion (USD)
- Estimated Labour Force: 3,500 during construction, 1,000 operational
- Estimated Completion Date: 2021

Crude Oil Tankers on British Columbia's North Coast

Moratorium

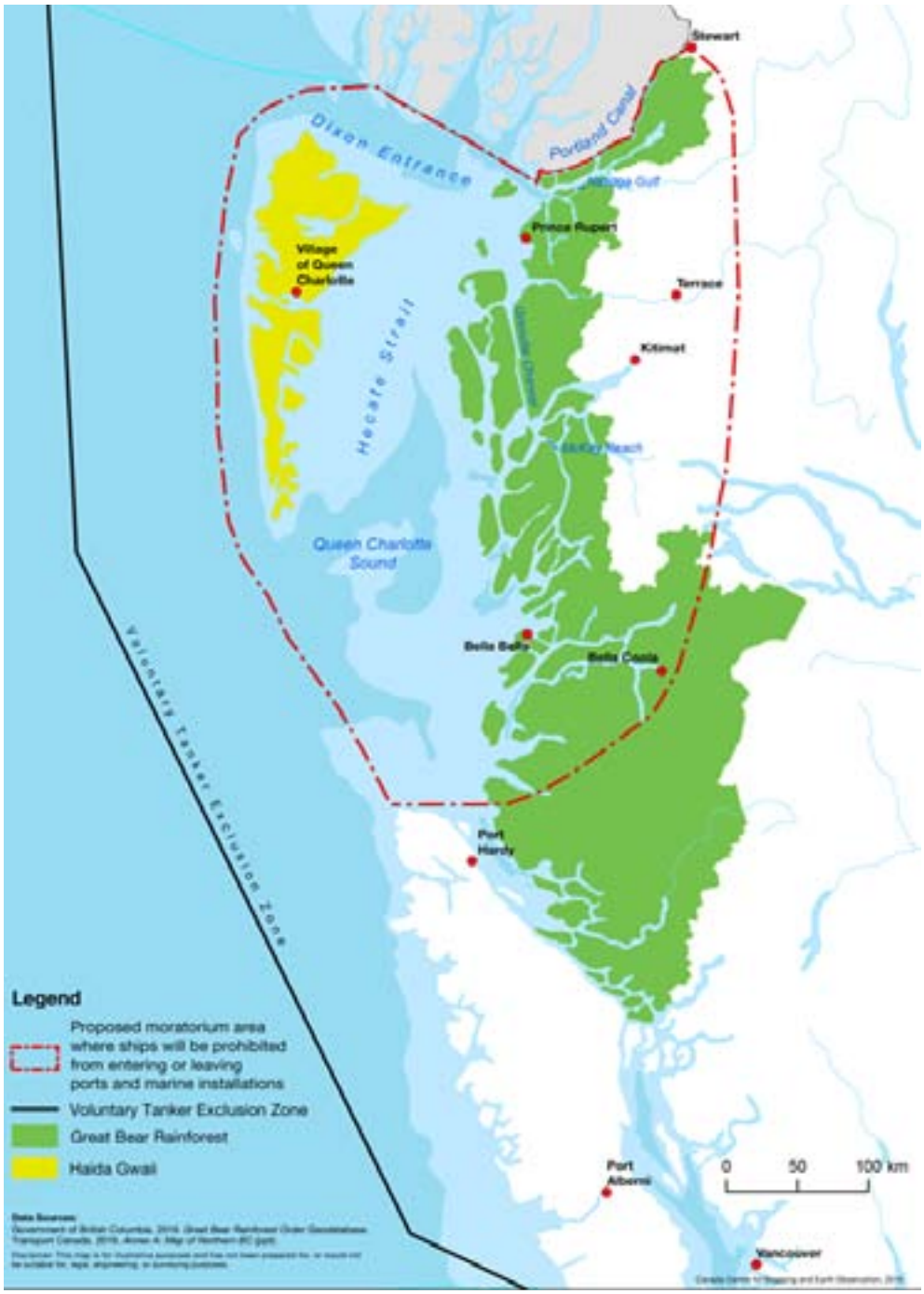
The Government of Canada will introduce legislation by spring 2017 to formalize a moratorium for crude oil tankers on British Columbia's North Coast. This will provide extra protection for British Columbia's pristine northern coastline, including the Great Bear Rainforest, from potential oil spills.

The new legislation will prohibit oil tankers carrying crude oil or persistent oil products as cargo from entering or leaving ports and marine installations in this area. Vessels carrying less than 12,500 tonnes of crude oil or persistent oil products as cargo will be exempted from the moratorium to allow local communities and industries to continue to receive these critical goods.

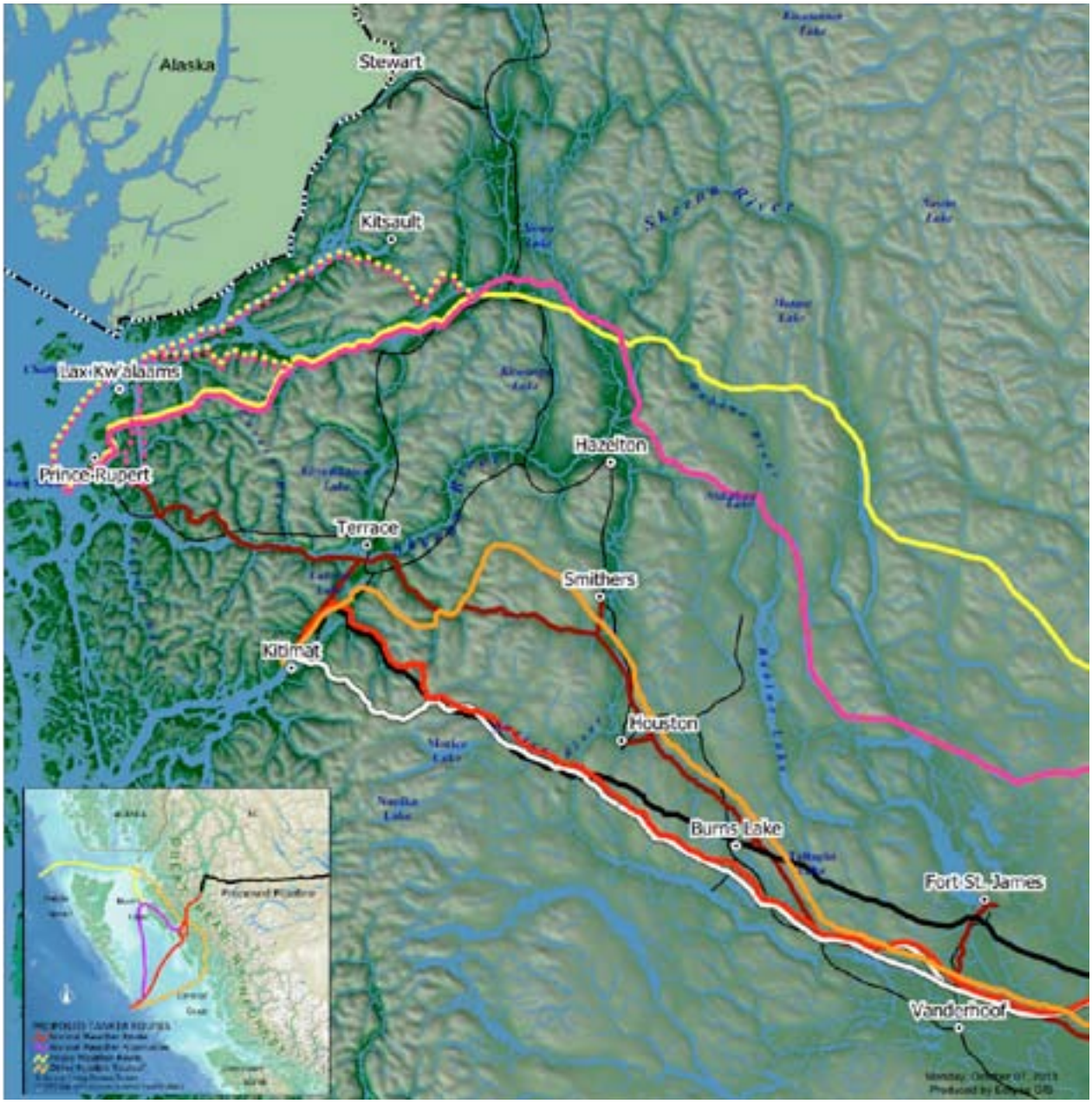
The moratorium will apply to the shipment of crude oils as defined by the International Convention for the Prevention of Pollution from Ships and this will be set in the legislation. It will also apply to related oil products that are heavier and, when spilled, break up and dissipate slowly. As a result they remain longer in the environment compared to lighter products that tend to dissipate more rapidly.

Examples of related oil products include:

- Partially upgraded bitumen
- Synthetic crude oil
- Pitch
- Slack Wax
- Bunker C fuel oil



Northwest British Columbia
Proposed Pipeline Routes



- Northern Gateway
- Pacific Northern Gas Pipeline Looping Project
- Pacific Northern Gas/Altagas - Existing Route
- Kitimat LNG & Pacific Trail
- LNG Canada & Coastal Gaslink
- Spectra Energy (Prince Rupert LNG)
- Pacific North West LNG

Kitimat Chamber of Commerce

Connecting to other business people means creating results for your business and building a thriving local economy.

Why join?

It's an opportunity to align your company with the hundreds of business people already represented by the Kitimat Chamber, from smaller individual businesses to large industries. The Kitimat Chamber of Commerce is a large networking group of friendly, hardworking individuals, all working together to build a healthy local economy.

Shape the future of Kitimat

Business advocacy is the essence of the Chamber. Your business needs can be represented by the Chamber at an extraordinary number of boards, review panels, advisory committees and agencies throughout Kitimat, Northen British Columbia and Canada. Become a leader by joining one of the Chamber's vibrant committees that advocate for building a thriving and sustainable business community in Kitimat.

Promote your business

Reach the heart of local businesses, become a member and take advantage of our advertising opportunities. Position your business in front of thousands through our monthly newspaper, website, or by sponsoring one of our business events.

Join us today at www.kitimatchamber.ca or call 250-632-6294 or email info@kitimatchamber.ca.

Northwest BC **Major Projects**

Summary of Investment for Northwest BC Major Projects

Under Construction ..... $ 4,252,000,000

Alloycorp Mining Inc - Avanti Kitsault Project ..... $ 1,000,000,000
AltaGas - Ridley Island Propane Export Facility ..... $ 450,000,000
Hard Creek Nickel - Turnagain Project ..... $ 1,300,000,000
Hard Creek Nickel - Turnagain Project - Expansion Project ..... $ 555,000,000
Port of Prince Rupert - Fairview Terminal Development Phase II ..... $ 200,000,000
Pretivm - Brucejack Project ..... $ 747,000,000

Under Preliminary Construction..... $ 6,000,000,000

Chevron / Woodside - Kitimat LNG ..... $ 4,500,000,000
Chevron / Woodside - Pacific Trail Pipeline ..... $ 1,300,000,000
Ridley Island Terminals - Capacity Realization Project ..... $ 200,000,000

Proposed - In Engineering or Permitting ..... $ 99,602,000,000

BC Hydro - Terrace to Kitimat Transmission line ..... $ 115,000,000
BG Group - LNG Facility ..... $ 10,000,000,000
BG Group & Spectra Energy - Pipeline ..... $ 8,000,000,000
Capstone - Kutcho Mine Project ..... $ 187,000,000
Copper Fox Metals - Schaft Creek Project ..... $ 3,700,000,000
Douglas Channel - LNG Project ..... $ 600,000,000
Galore Creek Mining Corp - Galore Creek Project ..... $ 4,000,000,000
LNG Canada - Project ..... $ 25,000,000,000
LNG Canada - Coastal GasLink Pipeline ..... $ 4,800,000,000
Nexen Energy ULC - Aurora LNG Project ..... $ 17,000,000,000
Pacific Northern Gas - Looping Project ..... $ 5,000,000,000
Petronas Pacific Northwest - LNG Project ..... $ 11,000,000,000
Petronas Pacific Northwest - Pipeline ..... $ 5,000,000,000
Seabridge Gold - KSM Project ..... $ 5,200,000,000

Awaiting Tanker Ban Moratorium Confirmation ..... $ 32,000,000,000

David Black - Kitimat Clean Ltd ..... $ 22,000,000,000
Pacific Future Energy - Refinery Project ..... $ 10,000,000,000

Total Potential Investment ..... $ 141,854,000,000