

Introduction to Proposed G3 Terminal Vancouver Project



October 5, 2015



FORWARD, WE GROW

G3 & G3 Terminal Vancouver

- G3 formed to invest in Canada's grain sector by establishing a highly efficient coast-to-coast grain enterprise
- G3 headquartered in Winnipeg, Manitoba
- G3 Terminal Vancouver
 - Joint Venture - G3 Global Holdings and Western Stevedoring Limited
 - G3 Global Holdings - joint venture - Bunge Canada ("Bunge") and SALIC Canada Ltd., wholly owned subsidiary of Saudi Agricultural and Livestock Investment Company ("SALIC")
- Proposing an export grain terminal at Lynnterm West Gate

G3's Current Terminals & Offices



Why G3 Terminal Vancouver?

- Grain backlogs have a significant impact on the Canadian economy
- Grain and oilseed exports account for \$23 billion in exports
 - 1/2 of Canada's agriculture exports
 - Key economic driver in Canada

G3 Terminal Vancouver

Goals:

1. Contribute to west coast export capacity
2. Increase efficiency of grain movement to the west coast
3. Facilitate competitive access to global markets for Prairie farmers

Project design:

- State-of-the-art facility
- Would utilize best practices, including those related to sustainability
- Use of an existing site would minimize impacts to the neighborhood, region and foreshore

Project elements:

- a rail car receiving facility and loop track
- grain conveyor systems
- a grain storage facility of up to 48 primary concrete storage silos
- a grain cleaning facility
- dust aspiration systems
- administration and maintenance buildings
- access roads including three (3) underpasses
- a berth structure and ship loader

Proposed Location – G3 Terminal Vancouver



Proposed Project Site – G3 Terminal Vancouver



Proposed Project Site (3D) – G3 Terminal Vancouver



Project Application & Review Process

- **Coordinated Approach with PMV**
 - First project following new review and consultation guidelines
 - G3 Terminal Vancouver assigned as “Category D”
 - Extensive impact studies to be undertaken
 - Highest level of public consultation/engagement
 - Distinct processes for stakeholders and First Nations

Project Application & Review Process

- **Engagement objectives:**

- Build relationships with our potential future neighbours
- Discuss opportunities to maximize benefits and minimize potential negative impacts to the community if the project proceeds
- Establish channels for ongoing two-way communication and feedback

Project Application & Review Process

- **Two engagement phases:**
 - **1: Preliminary Review Phase**
 - Opportunity to provide input on the scope of studies to be undertaken
 - **2: Application Review Phase**
 - Opportunity to provide comment on study results

All public, stakeholder and First Nations input will be incorporated in our application to PMV.

Project Application & Review Process

● Studies underway:

- Hazardous materials and waste
- Biophysical studies
- Nesting birds
- Construction environmental management plan
- Spill prevention / emergency response plan
- Viewscapes
- Shadow analysis
- Light analysis
- Marine traffic
- Environmental noise assessment study
- Environmental air assessment study
- Fire risk assessment
- Alternative siting
- Energy efficiency
- Traffic
- Rail
- Archaeological
- Geotechnical

Questions

Karl Gerrand

CEO

p 204 272 6606 c 204 891 4165

Karl_Gerrand@g3.ca

www.g3.ca

www.g3terminalvancouver.ca

Additional Background/Reference Materials

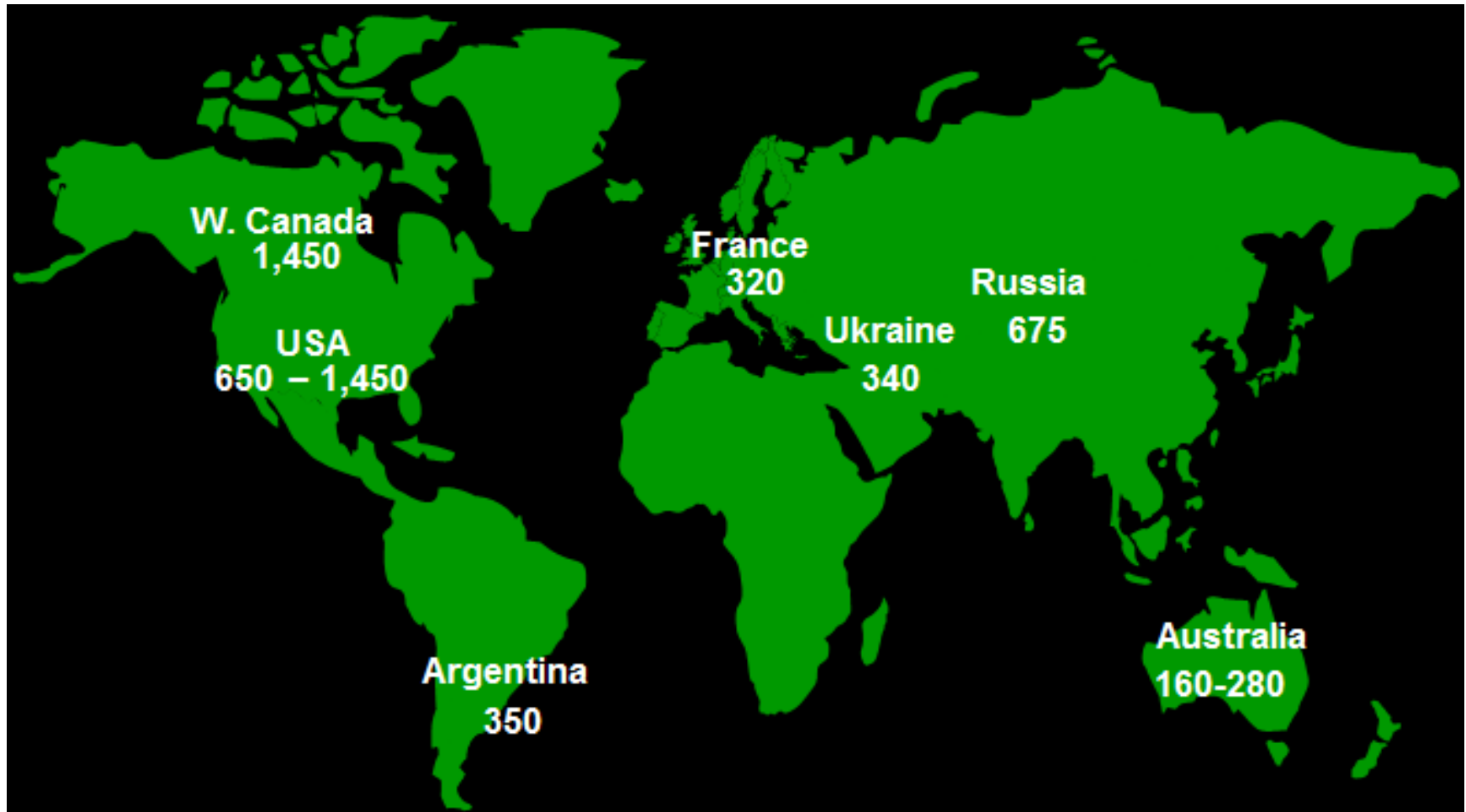
Why G3 Terminal Vancouver?

- 2013-14 - record Western Canadian crop
- Our system was not able to handle this
 - Ships waiting at port
 - Farmer bins full in the country
- Total grain production is increasing:
 - 2015: ~50 million tonnes
 - 2025: over 65 million tonnes (projected)
- Total demand is increasing:
 - Rising standard of living in Asia stimulating demand for wheat
 - West coast natural export hub for Asian markets

Why G3 Terminal Vancouver?

- Canada's grain handling system is unique
 - Most grain stored on farm
 - Very long average distance to port
 - Rail is the only cost-effective mode of transport
- West coast imbalance
 - 31% of Canada's total export capacity
 - 75-80% of actual grain exports
- We are pushing a lot of grain through a narrow pipeline
- “Demand pull” system means our system must operate efficiently

Average growing region distance from tidewater (km)



Project Application & Review Process

- **Phase 1 - Preliminary Review Period**

- 4 week on-line review and comment on proposed studies
- September 9 to October 7, 2015
- Community & Stakeholders advised through:


Letters

Newspaper ad

Mail drop (4 block radius to site)

- In-person meetings with key stakeholders
- Engagement with First Nations

Project Application & Review Process



Register to get involved

shareyourthoughts.g3terminalvancouver.ca/shareyourthoughts

Home Sign In

Share Your Thoughts - G3 Terminal Vancouver Search Search

Share Your Thoughts - G3 Terminal Vancouver

Thanks for visiting the G3 Terminal Vancouver (G3) consultation website.

G3 is holding a preliminary review phase on a proposed export grain terminal at Lynnterm West Gate in the City of North Vancouver at Port Metro Vancouver (PMV). We welcome your comments and questions regarding a number of technical studies that we are committed to completing as G3 examines the feasibility of building a new export grain facility.


Important Note: feedback must be received by October 7, 2015 to be considered as part of our preliminary comment period.

Public and stakeholder input at this [...Read more](#)

Consideration Areas Share Your Thoughts

ENVIRONMENTAL STUDIES

6 days ago



Please review the study areas below and share your thoughts in the form, linked at the end of each section.

Hazardous Materials and Waste

During demolition, some waste products may be encountered that are deemed hazardous under the current BC *Environmental Management Act*, Hazardous Waste Regulations. G3 has secured the services of a qualified hazardous waste specialist consultant to undertake an pre-demolition inventory of the existing buildings, infrastructure and surrounding land and to develop specific mitigation measures to ensure any hazardous waste (e.g., asbestos and mercury containing materials) produced during the demolition phase are properly handled, stored and disposed [...Read more](#)



Project Application & Review Process

Dear Resident/Business:

In June 2015, G3 Global Holdings (a limited partnership between Bunge Canada and SALIC Canada) announced a joint venture partnership with Western Stevedoring Company to examine the feasibility of building an export grain terminal – G3 Terminal Vancouver (G3) – at Lynnterm West Gate in the City of North Vancouver at Port Metro Vancouver (PMV).

G3 invites the public to comment on its proposed project between:

September 9, 2015 and October 7, 2015

Comments can be made online at:

shareyourthoughts.g3terminalvancouver.ca

Additional information about the proposed Project and G3 can be found on www.g3terminalvancouver.ca.

For more information, please visit the website or contact:

info@g3terminalvancouver.ca 1-844-263-2398

G3 Terminal Vancouver is designed to optimize grain receiving, storage, and shipping on Canada's west coast and would facilitate ongoing competitive access to world markets for Canadian farmers and marketers in the face of increasing supply of and demand for Canadian grain. The project proposes installing and operating the following:

- a railcar receiving facility and loop track
- grain conveyor systems
- a grain storage facility of up to 48 primary concrete storage silos
- a grain cleaning facility
- dust aspiration systems
- administration and maintenance buildings
- access roads including three underpasses
- a berth structure and ship loader

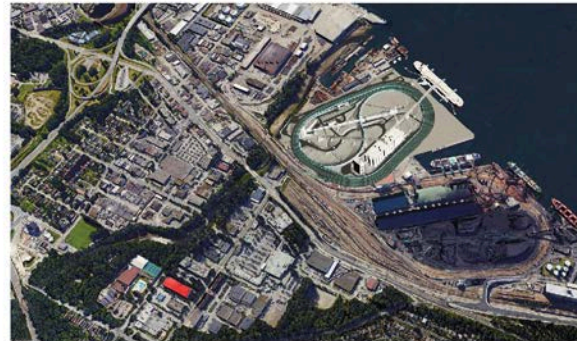


Image of proposed export grain terminal at Lynnterm West Gate in North Vancouver

This will require the demolition of existing facilities and site improvements, including utilities, and modification of the existing dock. Use of an existing industrial operations site would allow G3 to minimize impacts to the neighbourhood, region and foreshore while maximizing the full marine exporting potential of Vancouver's North Shore.

The proposed project is subject to review by Port Metro Vancouver (PMV) and must obtain approval from PMV before any work can be undertaken. At this preliminary stage of the process, G3 Terminal Vancouver is seeking public comment about the scope of the studies to be included in an application to PMV.

All comments received will be reviewed and considered in developing the application prior to its submission to PMV. Comments received during this phase of engagement will be considered in our application. Once our proposed project application is filled with PMV, there will be further opportunities for dialogue, including a subsequent comment period and an open house.

Additional information about the proposed export grain terminal project and G3 can be found on the web site – www.g3terminalvancouver.ca.



Project Application & Review Process

Wednesday, September 8, 2015 - North Shore News - A25

September 13 AMBLESIDE PARK www.cohofestival.com Coho Festival 2015 Street Banner and Mural Art Project

Have you noticed the beautiful street banners along Marine Drive in North and West Vancouver? This colorful artwork was created by North Shore elementary students as part of salmon conservation and education artwork ops put on by the North Shore Streamkeepers in collaboration with the Salmon Enhancement Program and artists for Kids. About 300 students participated in this year's workshop and more opportunities will be offered again in the fall and spring 2015/2016.

For the second year, the Coho Society is pleased to showcase these colorful banners to highlight the upcoming annual Coho Festival. According to Coho Festival Chair Sherry Perrot, "The amazing artwork on these banners was created by elementary school students as part of the Coho Society's 'Salmonids in the Classroom' program."

The Coho Society is a strong supporter of educating students about the importance of salmon enhancement and habitat restoration.

What better way for students to become environmental stewards than by learning with their classroom aquaria and then seeing the results of their initiatives first-hand in the streams of North and West Vancouver. The workshop introduces students to local wildlife corridors along creeks and rivers, looking at innovative environmental and natural conservation. This year's banner and mural project received funding from the Coho Society, Environment Canada and the City of North Vancouver Art and Recreation. The City of North Vancouver's contribution will support the creation of a 30' x 130' community art mural on the Spirit Trail beside the Mosquito Creek Estuary.



Limited edition banners and tote bags will be available for sale at this year's Coho Festival. Funds raised from banner and tote sales will go towards salmon conservation workshops offered to local elementary schools in 2015/16.

COHO SOCIETY ACHIEVEMENTS 2014/15

This year the dollars raised at Coho Festival 2014 went towards some very exciting salmon conservation initiatives across the North Shore in the spheres of education, habitat restoration and salmon conservation infrastructure replacement.

- Inaugural year of the Jim McCarthy Scholarship. 2015 recipients were Kayley Holzer, Lauren Bauman and Farnes Rickertby - \$2000
- Coho Workshops offered to elementary schools across the North Shore - \$5000
- North Shore Streamkeepers, Mosquito Creek weir enhancement project - \$5000
- West Vancouver Streamkeepers, Rogers Creek Estuary project - \$7500

All proceeds raised at Coho Festival go towards salmon conservation initiatives aimed at protecting returning salmon populations on the North Shore for future generations.

For more information on this year and previous years supported projects please go to www.cohosociety.org

Why serve salmon at Festival?

Every year at the Coho Festival people ask us why we serve salmon when in fact we are trying to increase their numbers. Salmon is an important food source for the sustainability of humans as well as animals such as bears and eagles. Strong salmon runs also ensure that our fishing industry is healthy and prospering. Our entire ecosystem depends upon strong salmon populations.

All types of salmon provide a good source of high quality protein and the heart healthy omega-3 fatty acids. Salmon is also a good source of a variety of vitamins and minerals. Farmed salmon that contains bones is also a good source of calcium. By serving salmon at the festival, we hope to remind you of our delicious fish and why we

need to learn about the ways we can all do our part to protect salmon and their watersheds.

This year the Coho Barbeque will offer Wild Sockeye salmon from Sewa-Di-Food. There are many groups on the North Shore that are stewards in helping our salmon flourish. The Coho Society at the North Shore uses this festival as a main fundraiser to be able to fund those groups.

We encourage you to come by and learn about salmon sustainability, why for the salmon barbeque we are joining all the other wonderful activities at this year's Coho Festival. By taking the time, you will be a part of the solution to ensure our rivers, streams and oceans are healthy for the salmon to thrive for future generations.



Public Notice of Preliminary Review Phase - Invitation to Comment

Proposed Export Grain Terminal

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The project proposes installing and operating the following:

- a railcar receiving facility and loop track
- grain conveyor systems
- a grain storage facility of up to 40 primary concrete storage silos
- a grain cleaning facility
- dust aspiration system
- administration and maintenance buildings
- access roads including three underpasses
- a berth structure and ship loader



Image of proposed export grain terminal at Lynnterm West Gate in North Vancouver

This will require the demolition of existing facilities and site improvements, including utilities, and modification of the existing dock. Use of an existing industrial operations site would allow G3 to minimize impacts to the neighbourhood, region and foreshore while maximizing the full marine exporting potential of Vancouver's North Shore.

Preliminary Review Phase

The proposed project is subject to review by Port Metro Vancouver (PMV) under its project and environmental review process. Please visit the PMV web site - www.portmetrovancouver.com/rev - for details on the assessment process.

Invitation to Comment

At this preliminary stage of the process, G3 Terminal Vancouver is seeking input from the public on the scope of the studies to be undertaken. All comments received will be reviewed and considered in developing the project application prior to its submission to PMV. When satisfied that the comments received have been adequately considered in the application, PMV will initiate a formal review process, including further public consultation.



Project Application & Review Process

- **Phase 1 - Preliminary Review Period – next steps**

- G3 to prepare report on public comments gathered
- PMV to review report on public comments and provide feedback to G3
- G3 to revise application/additional studies if required
- G3 to complete technical studies
- G3 to submit project application to PMV

Project Application & Review Process

• Phase 2 – Application Review Period

- G3 to prepare detailed discussion guide on project, and study results
- Second online consultation period
- Open house for public feedback
- Ongoing meetings with stakeholders and First Nations
- G3 to consider all public feedback, and prepare report for public and PMV on how feedback will be incorporated
- PMV approves/denies project application