



PORT of
vancouver

Vancouver Fraser Port Authority

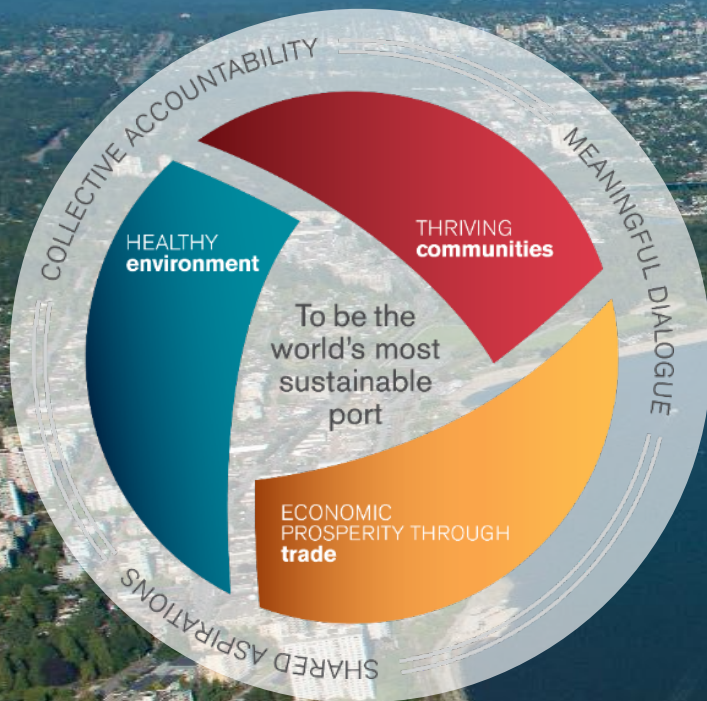
Doug Mills

Senior Account Representative, Trade Development

December 12, 2023

Vancouver Fraser Port Authority enables Canada's trade

Mission: To enable Canada's trade objectives, ensuring safety, environmental protection and consideration for local communities



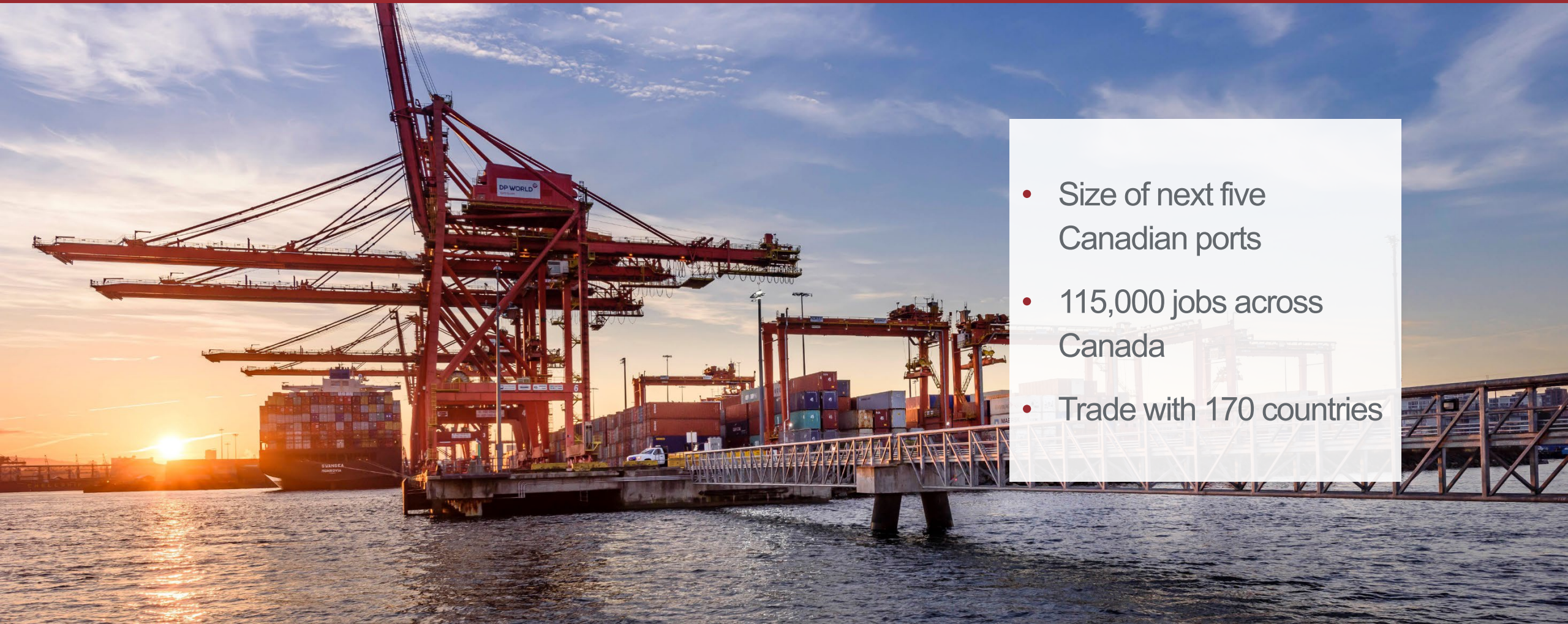
- Lease federal lands to terminals
- Build infrastructure
- Lead environmental programs
- Work with communities
- Engage with Indigenous groups
- Collaborate on port safety and security

A close-up photograph of a ship's hull, showing a large, curved section of the hull with a mottled, weathered appearance in shades of brown, tan, and grey. A thick, white, braided rope is visible in the upper left corner, partially obscuring the hull. The background is dark, suggesting the interior of a ship or a night scene.

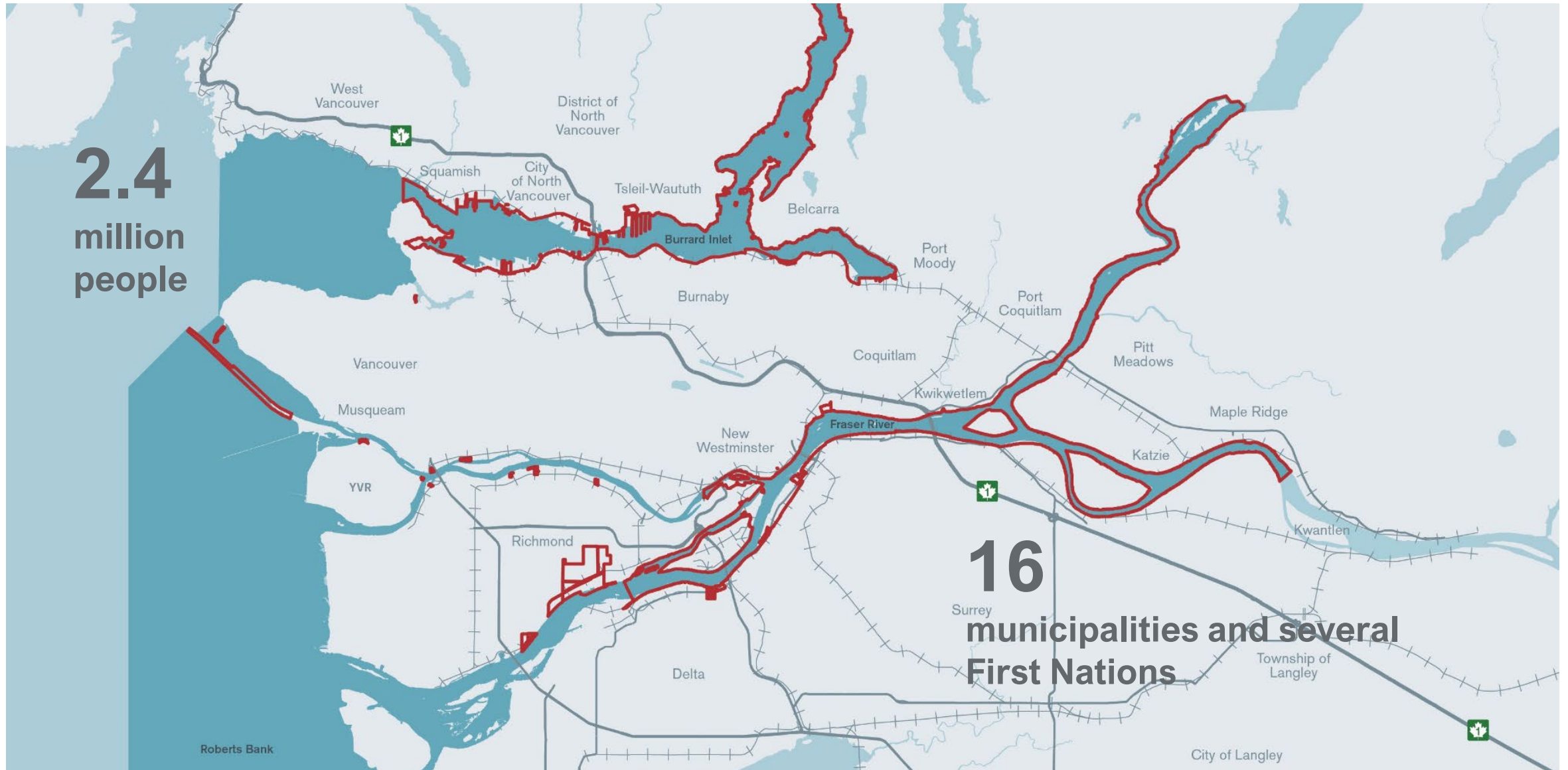
Diverse board of directors, composed of:

- Federally-appointed port users (**7**)
- Federal government appointee (**1**)
- British Columbia provincial government appointee (**1**)
- Other western Canada provinces appointee (**1**)
- Local government appointee (**1**)

The Port of Vancouver: Canada's largest port







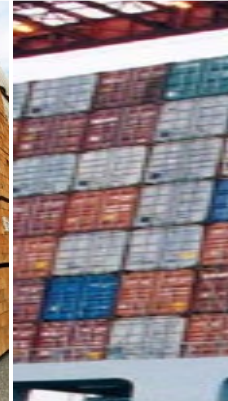



- Size of next five Canadian ports
- 115,000 jobs across Canada
- Trade with 170 countries

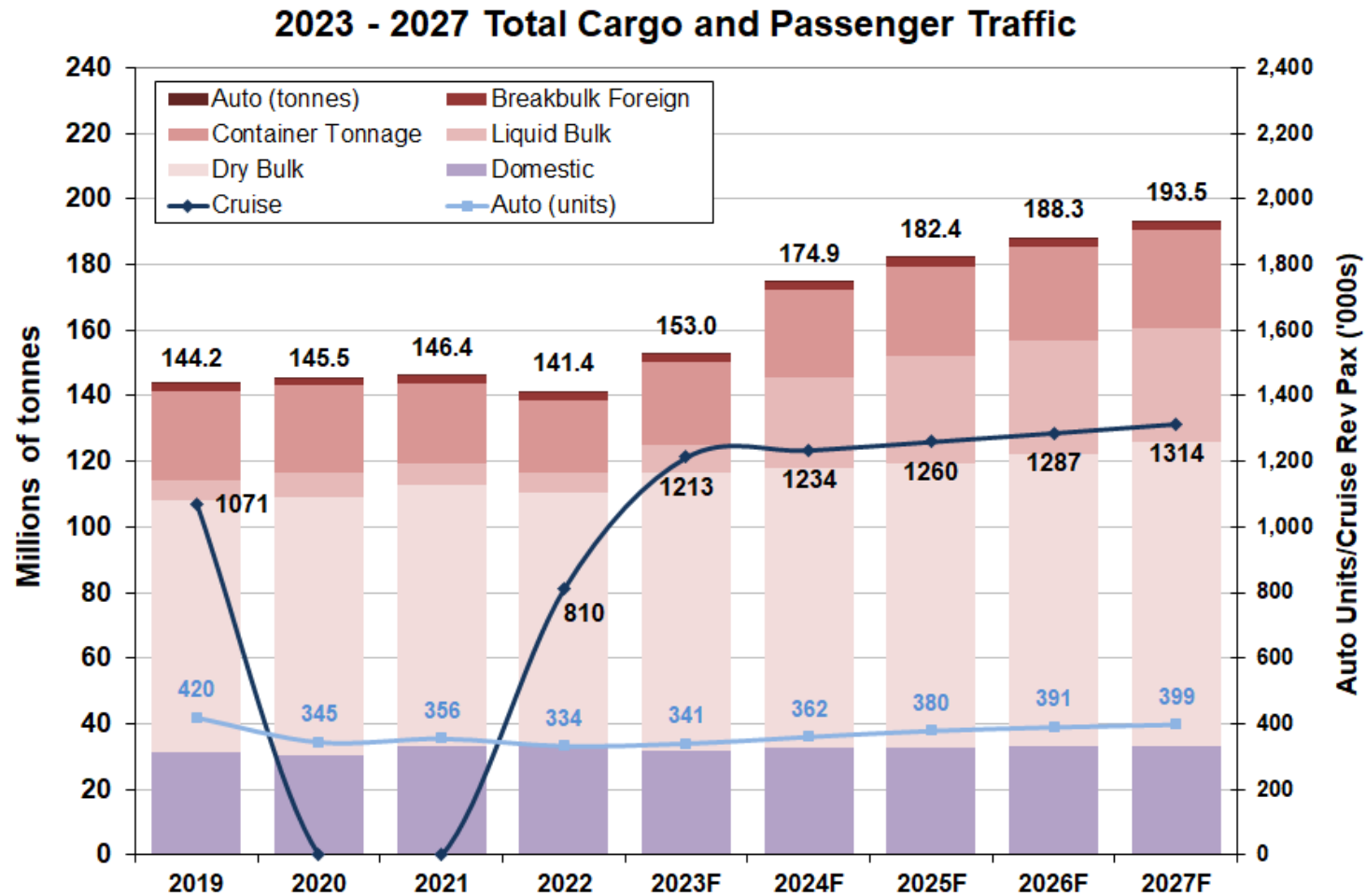


Port of Vancouver revenue cargo volumes

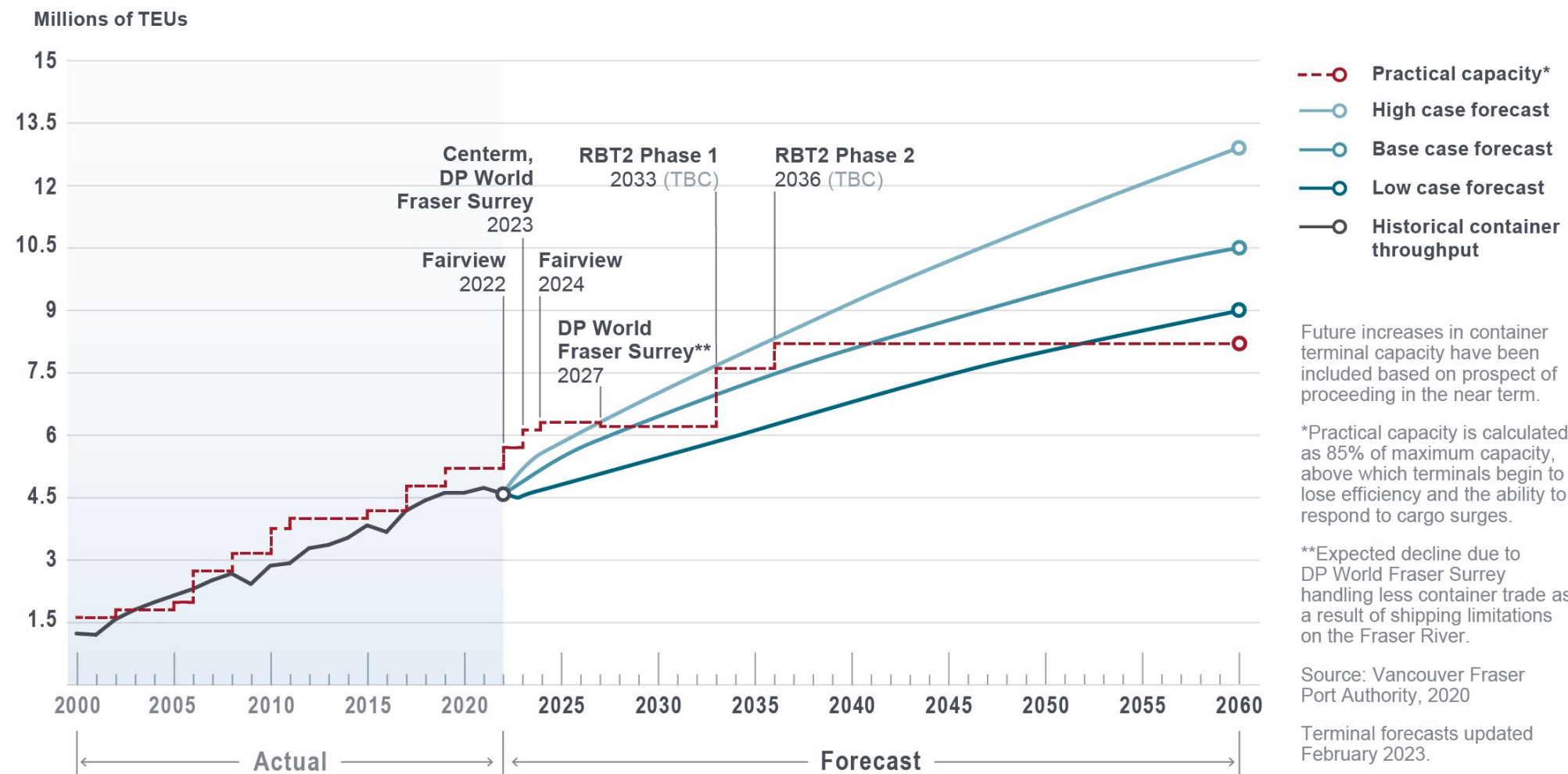
August 2023 year-to-date

	Total Cargo	Auto	Coal	Grain	Potash	Foreign Breakbulk	Container TEUs	Cruise*
YTD	↑	↑	↓	↑	↓	↓	↓	↑
Compared to 2022	6%	28%	-3%	99%	-20%	-20%	-18%	63%
								

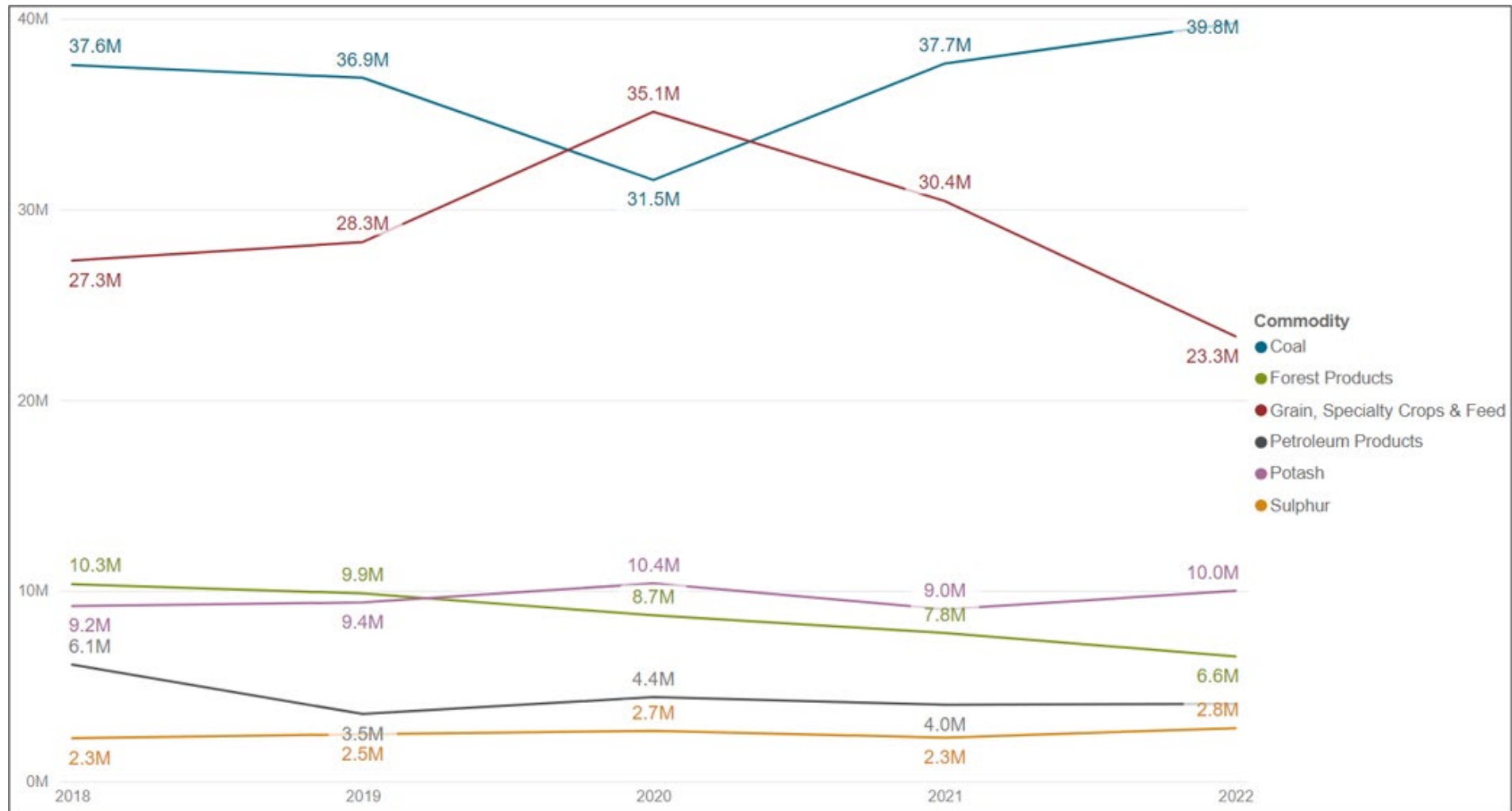
A decade of trade growth, with more forecasted ahead



Forecast for West Coast container volumes



2018 – 2022 Top commodities by year and metric tonnage



Growing the gateway



Terminal infrastructure: Centerm expansion

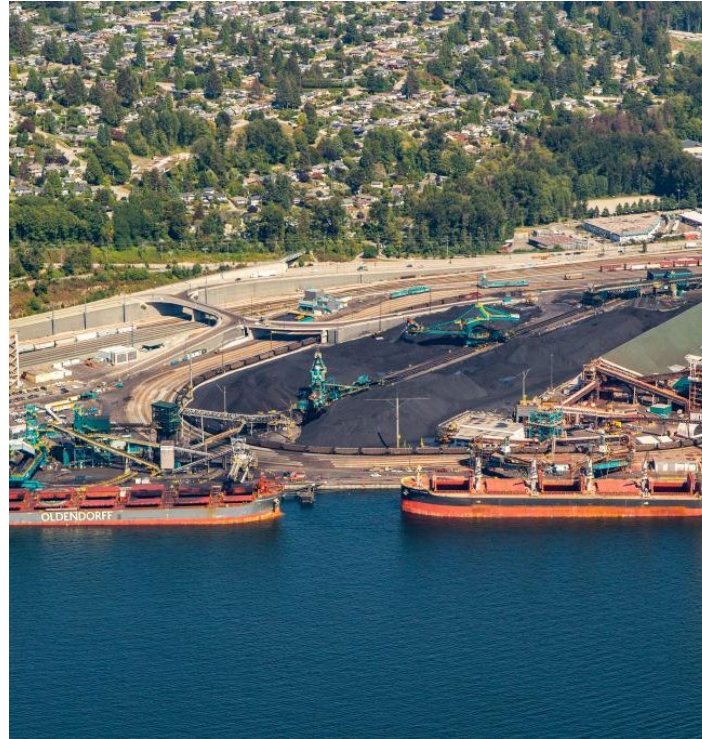
- Project construction completed January 2023
- Reconfiguration and expansion of container terminal operated by DP World
- 600,000 TEUs handling capacity increase (900,000 to 1.5 million TEUs)
 - Project expanded the terminal's size by 15% and boosted its annual container handling capacity by 60%



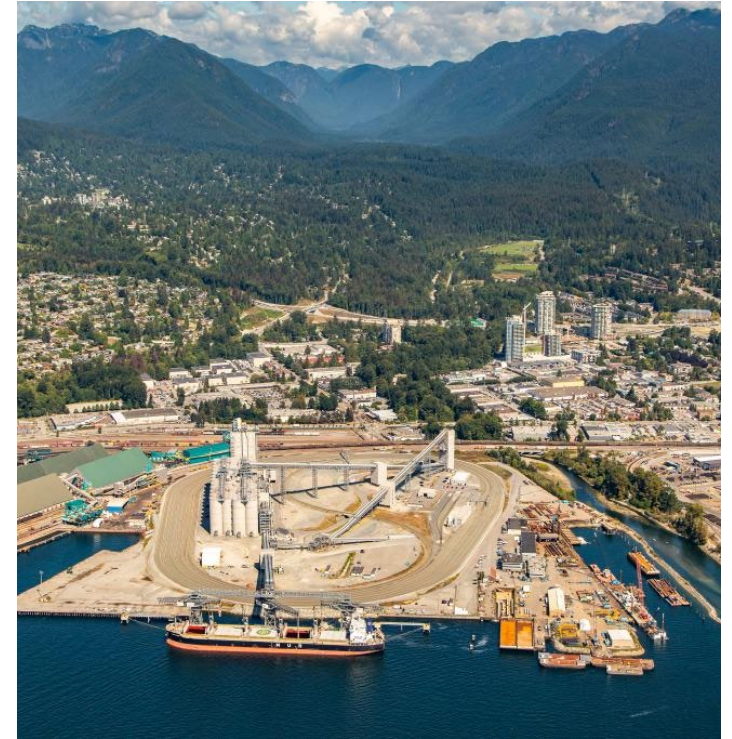
Private sector terminal investment



Fraser Grain Terminal
\$125 million
Delivered



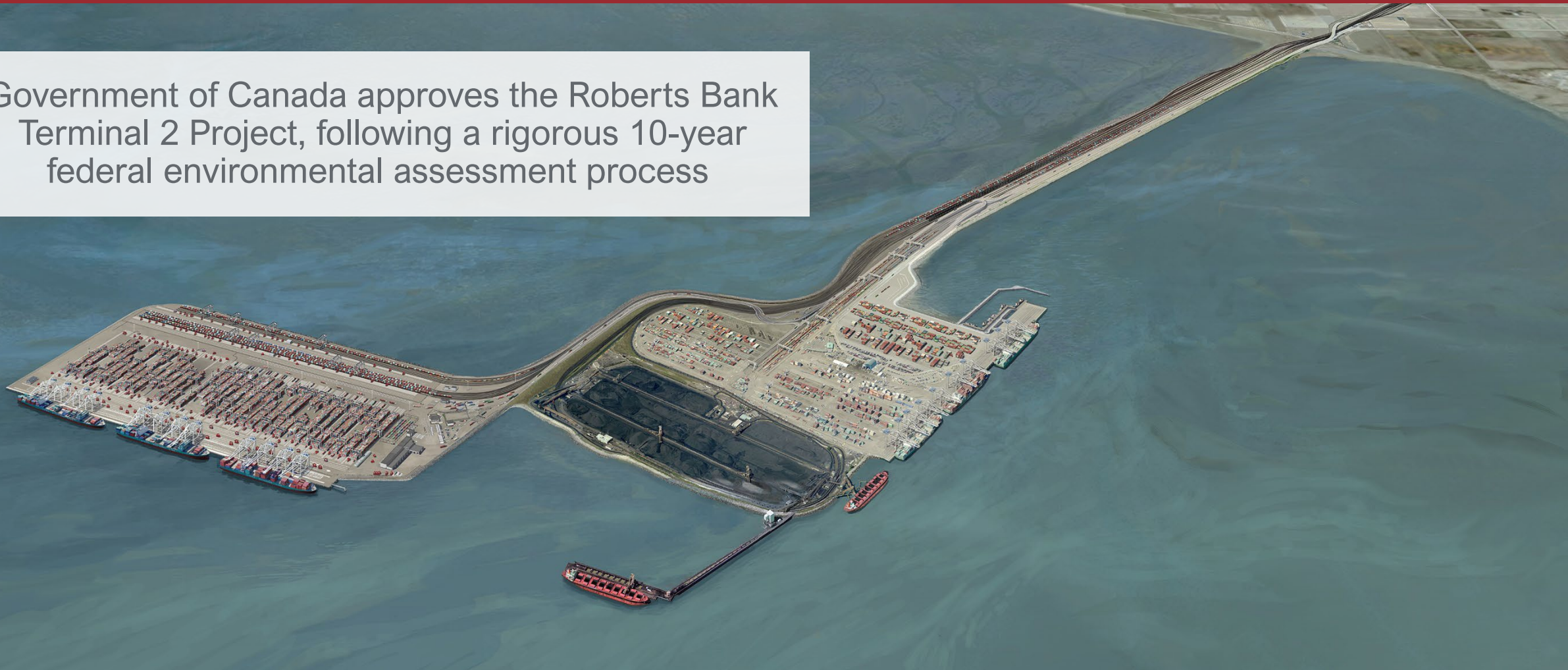
Neptune
\$380 million
Delivered



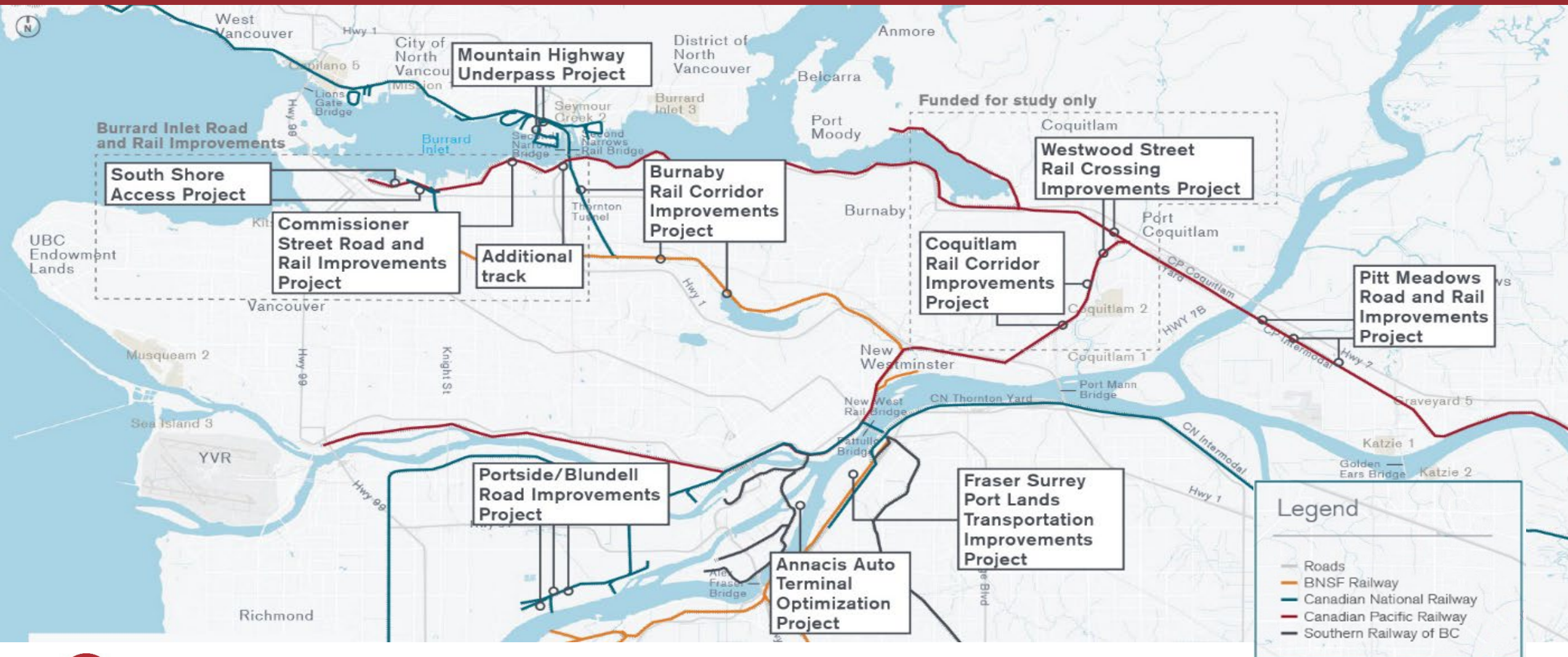
G3 Terminal
\$550 million
Delivered

Terminal infrastructure: Roberts Bank Terminal 2

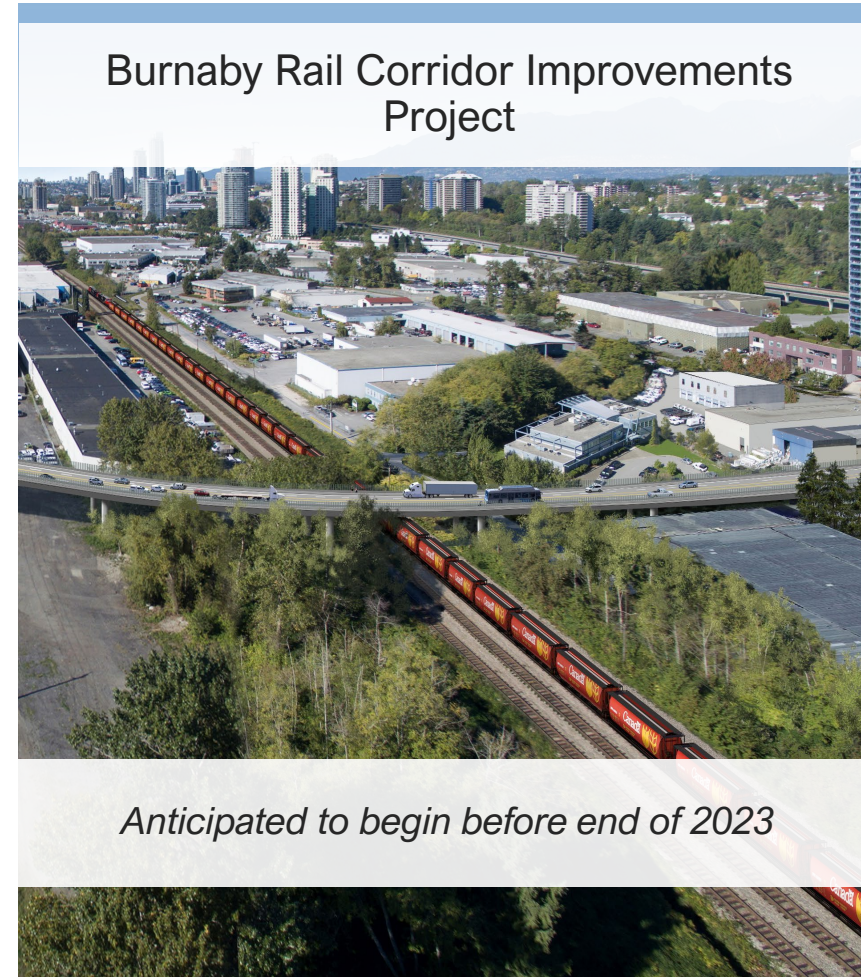
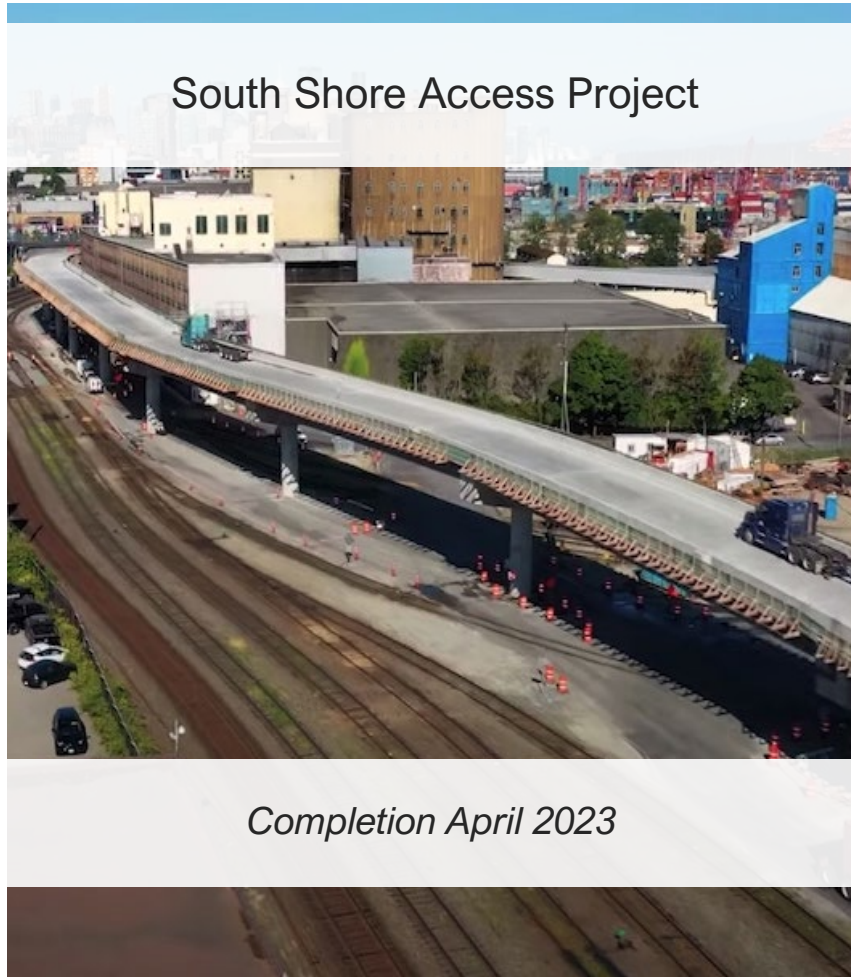
Government of Canada approves the Roberts Bank Terminal 2 Project, following a rigorous 10-year federal environmental assessment process



Transportation infrastructure: Port authority-led projects



Transportation infrastructure: Project examples



Digital infrastructure: Connect +



Active Vessel Traffic Management Program



Supply Chain Visibility Program



Truck Licensing System

The success of supply chain optimization initiatives led by the port authority under the Connect+ banner requires strong collaboration and participation from stakeholders.

The initiatives are designed to meet the following short- to long-term needs:

1. Performance
2. Visibility
3. Insight optimization
4. Foresight/Planning

Active Vessel Traffic Management (AVTM) framework



Port call
optimization



Supply chain
collaboration
and incentives



Anchorage
management

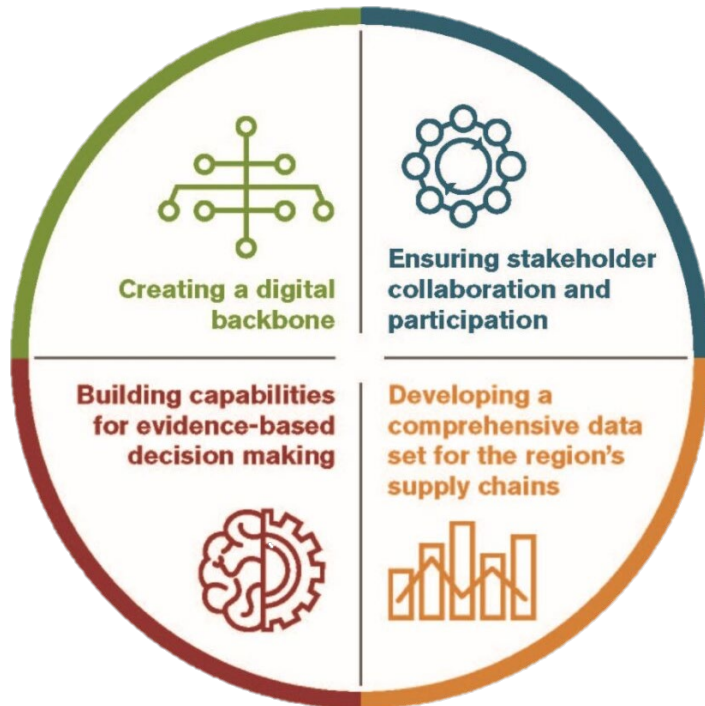


Centralized
scheduling
system



Potential Port
community
system

Supply Chain Visibility program



Real-time dashboard for supply chain monitoring.



Predict railcar arrival times from origin to terminal gate.



Identify constraints and bottlenecks with live data and simulations.



Enhance import/export cargo forecasting for volume estimation and planning.

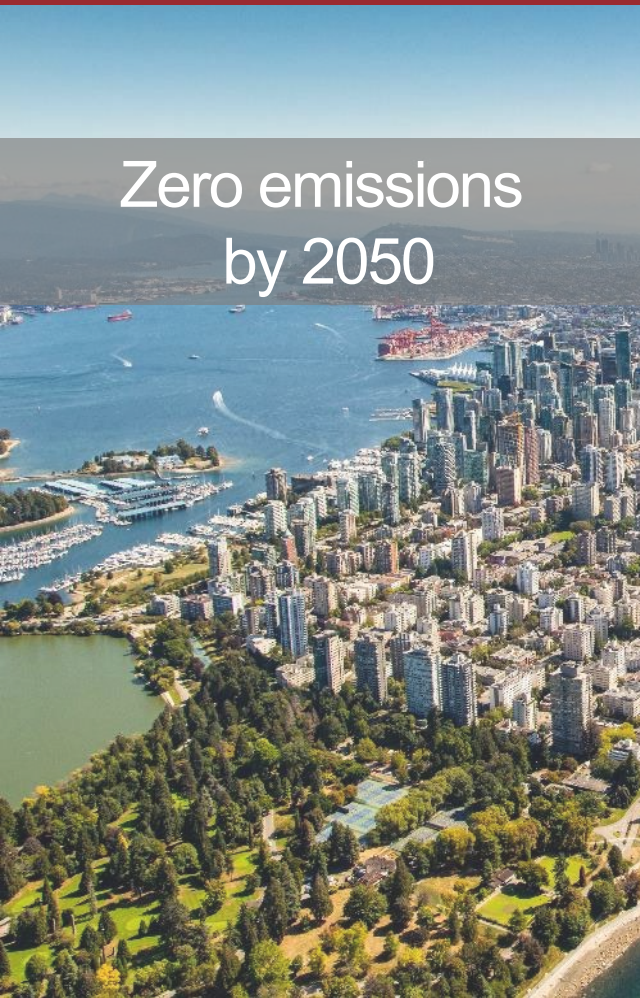
Truck Licensing System



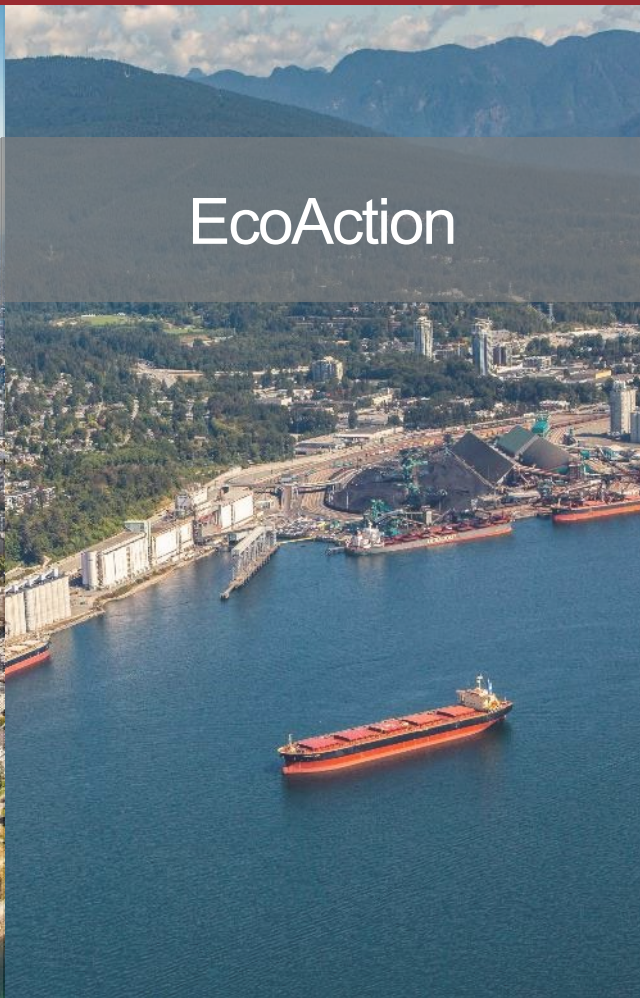
- Developed drayage truck reporting programs with GPS-equipped trucks to optimize container movement at the port
- Access criteria for container trucking companies
 - Focus on reducing air emissions through truck age limits
- Pioneering port container drayage truck eco-standards since 2008
- Achieved top North American turn times at the Port of Vancouver since 2014

Working to maintain a healthy environment

Zero emissions
by 2050



EcoAction



ECHO Program



Building habitat



Thank you
www.portvancouver.com



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