PORT of vancouver | Vancouver Fraser Port Authority

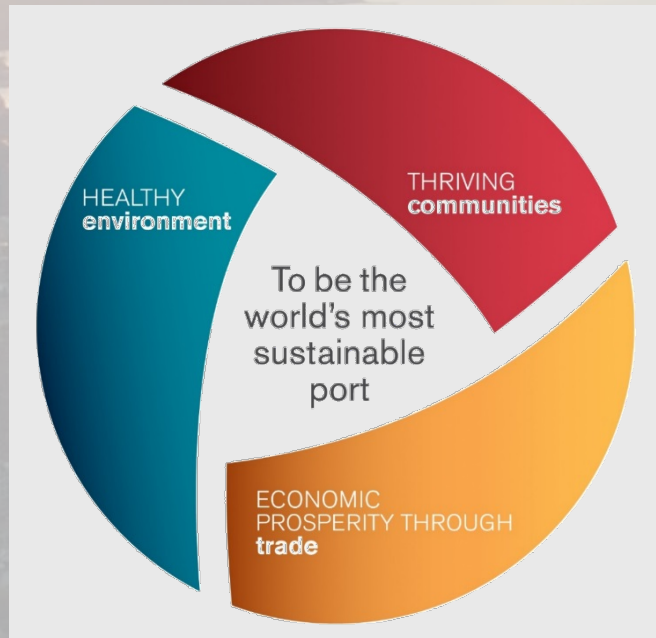## Port of Vancouver Gateway Update

Jane Banham, *Manager, Customer Engagement*

June 1, 2023

Canada

Vancouver Fraser Port Authority enables Canada's trade

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

HEALTHY **environment**

THRIVING **communities**

To be the world's most sustainable port
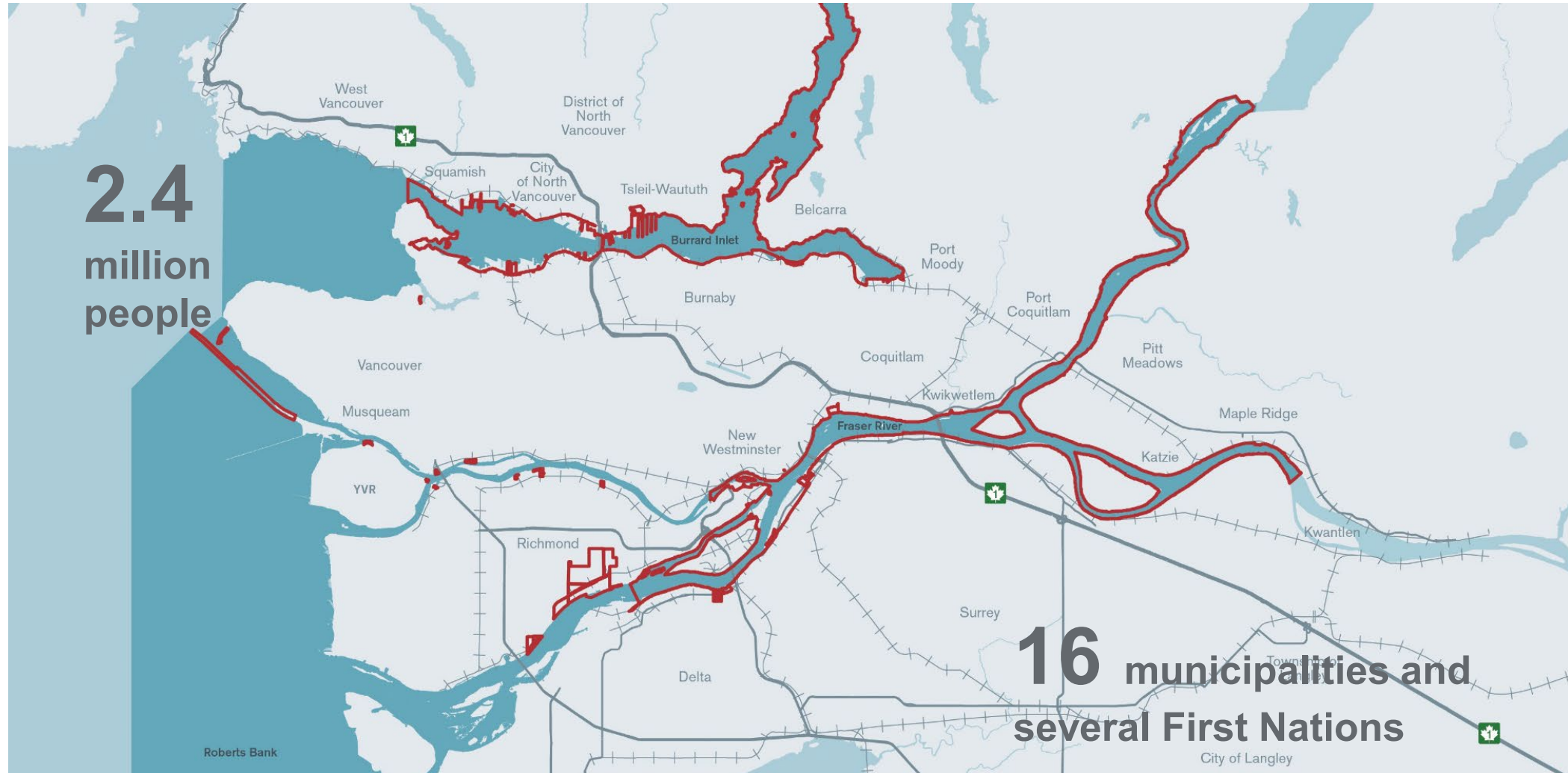
ECONOMIC PROSPERITY THROUGH **trade**

- Collaborate on port operations, safety and security

- Lease federal lands to terminals

- Build infrastructure

- Advance optimization

- Lead environmental programs

- Engage with communities and Indigenous groups

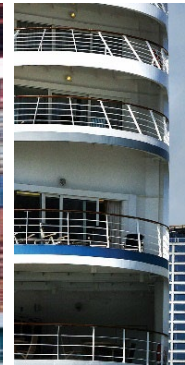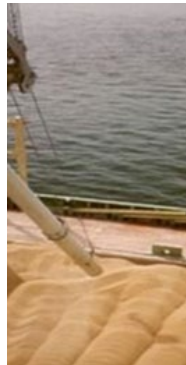PORT of **vancouver** | Vancouver Fraser Port Authority

Port jurisdiction

2.4 million people

16 municipalities and several First Nations

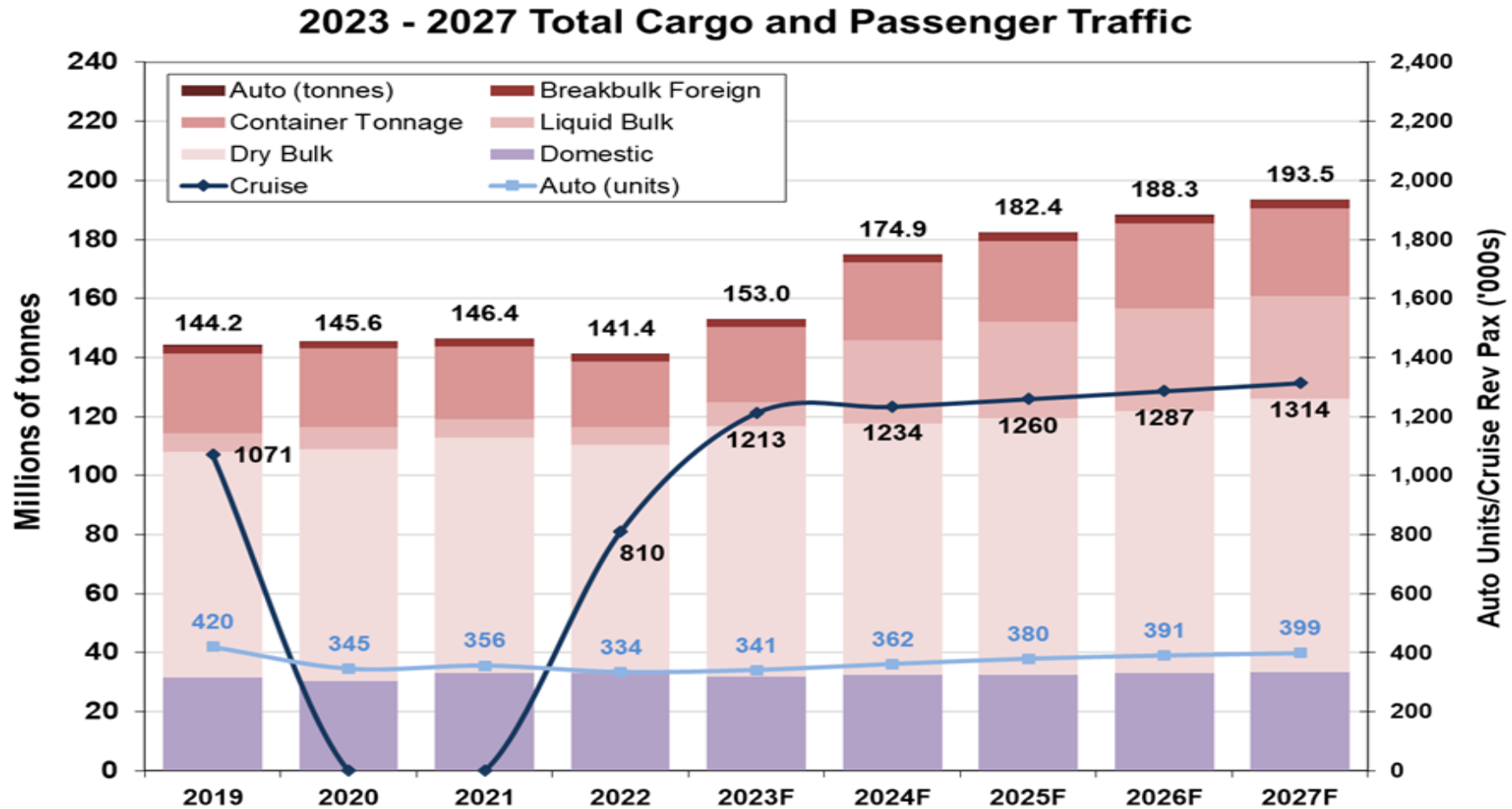PORT of vancouver | Vancouver Fraser Port Authority

Port of Vancouver cargo volumes
March 2023 year-to-date

	Total Cargo	Auto	Coal	Grain	Potash	Foreign Breakbulk	Container TEUs	Cruise
YTD	⬆	⬆	⬇	⬆	⬇	⬇	⬇	
Compared to 2022	12%	14%	-4%	126%	-2%	-22%	-15%	n/a

A decade of trade growth, with more forecasted ahead

2023 - 2027 Total Cargo and Passenger Traffic

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Growing the gateway

Terminal Infrastructure

Transportation Infrastructure

Digital Infrastructure

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Facilitating investment in terminal infrastructure

Centerm Expansion

- 100% of western expansion rubber-tire gantry (RTG) runway extensions handed over to DPW
- Eastern expansion RTG extensions, paving, and reefer tower configuration complete
- Project complete

Roberts Bank Terminal 2

- Federal government approves the Environmental Assessment (EA) process for RBT2 Project
- Would increase container terminal capacity by more than 30% on Canada's west coast
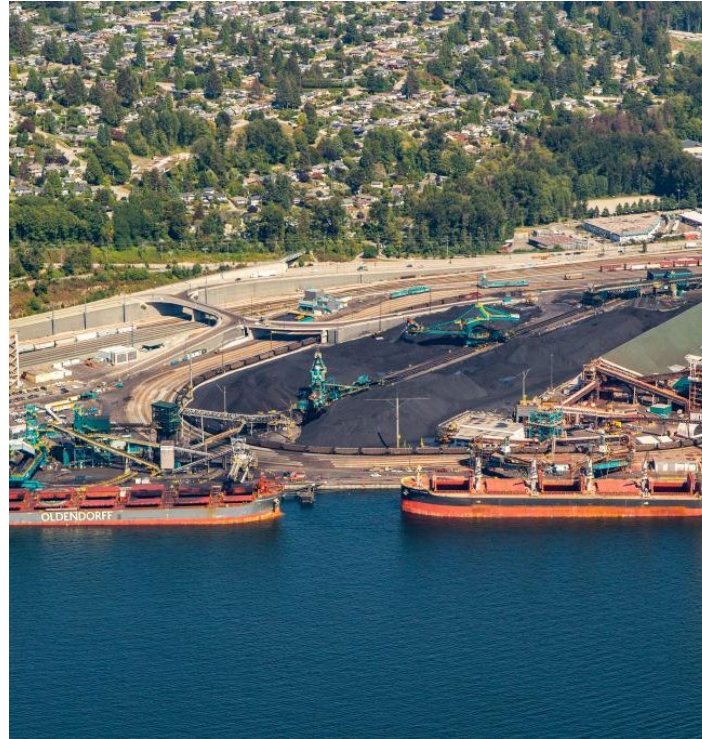
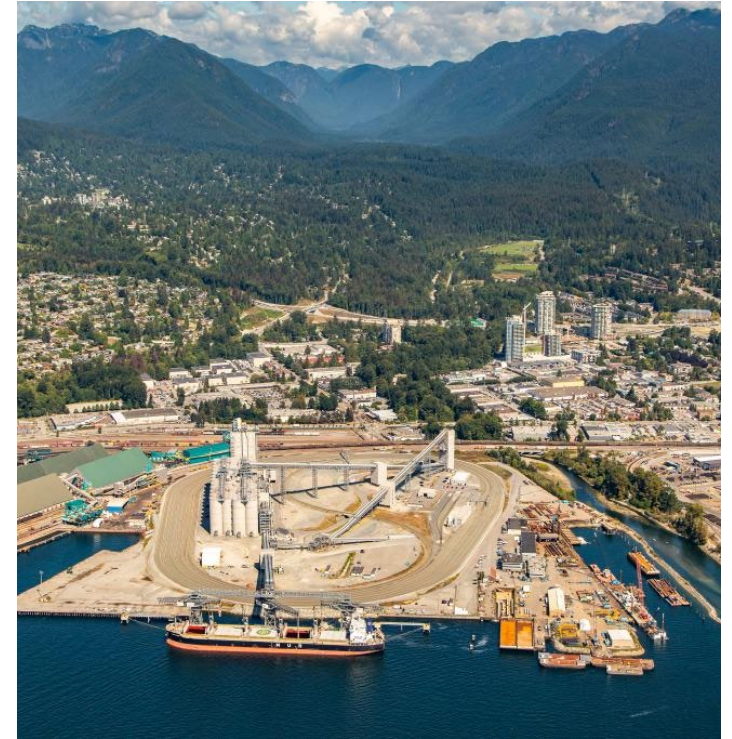PORT of **vancouver** | Vancouver Fraser Port Authority

Private sector terminal investment

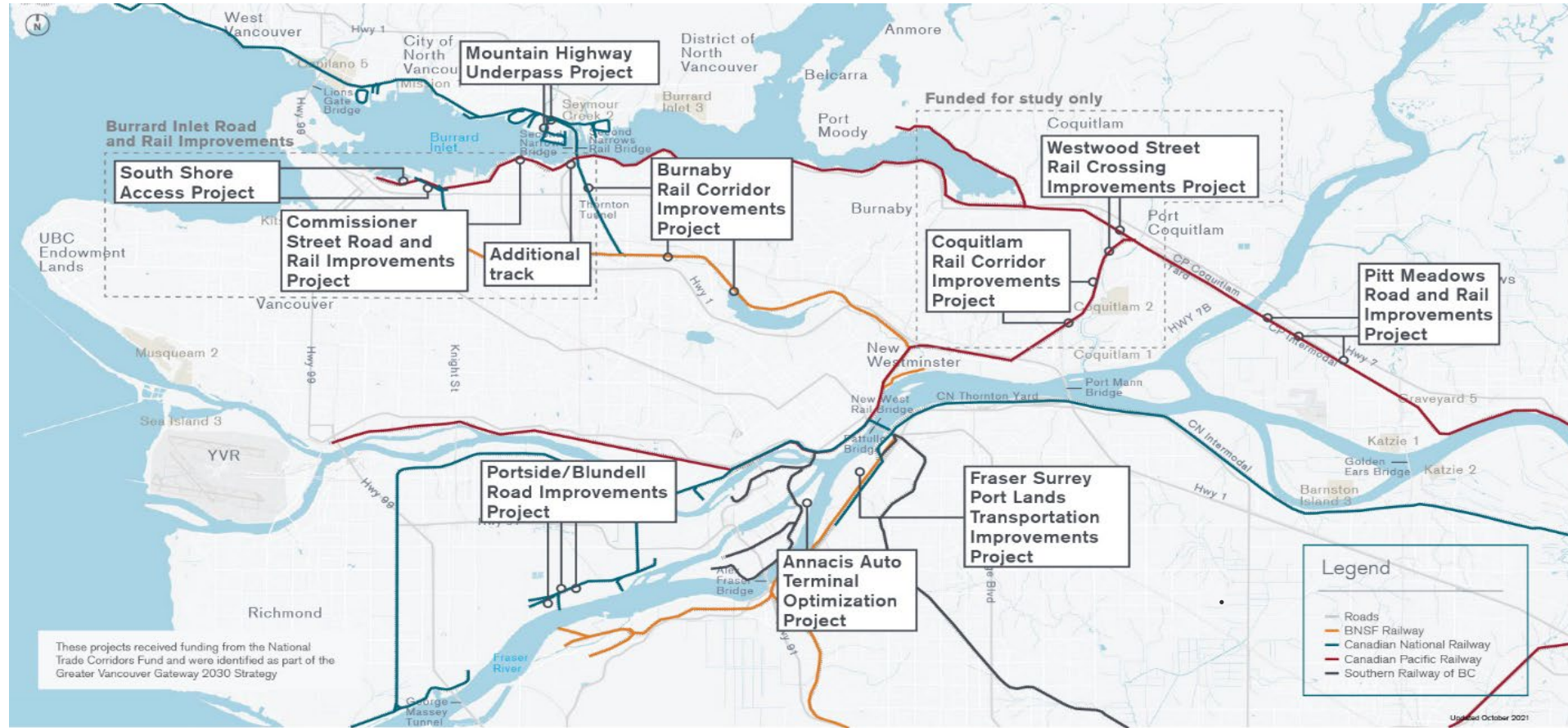Fraser Grain Terminal

$125 million

Delivered

Neptune

$380 million

Delivered

G3 Terminal

$550 million

Delivered

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Port authority-led gateway projects

Project examples

South Shore Access Project
Completion April 2023

Burnaby Rail Corridor Improvements Project
Anticipated to begin before end of 2023

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Supply chain optimization initiatives

The port authority is working to become North America's leading smart port, leveraging technology and relationships to drive insights that result in greater gateway operational reliability and enable better capacity utilization.
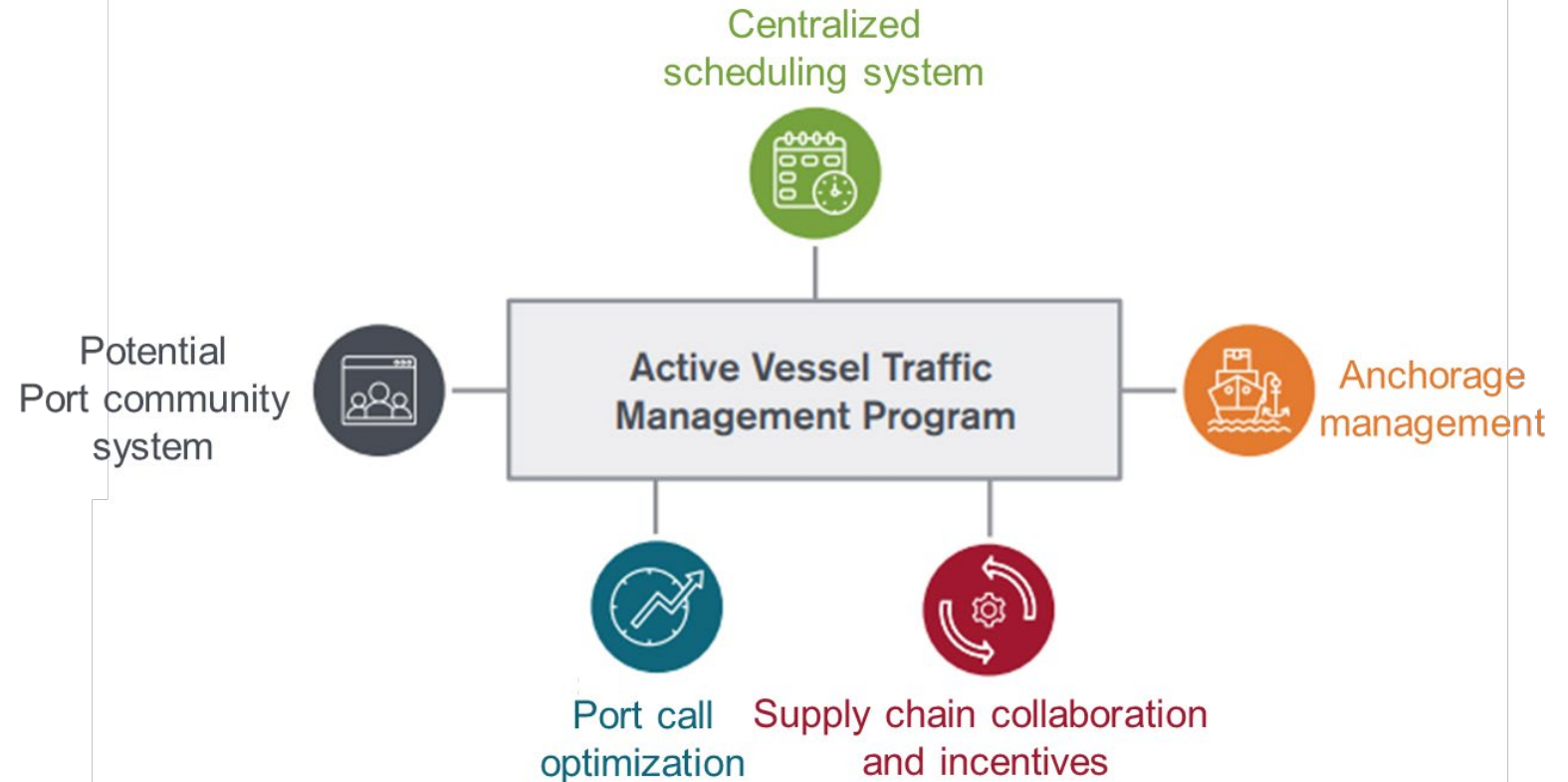
**Active Vessel
Traffic Management**

**Supply Chain
Visibility Program**

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5 AVTM Elements:

- Anchorage Management

- Centralized Scheduling System

- Port Call Optimization

- Supply Chain Collaboration & Incentives

- Potential Port Community System

Centralized scheduling system

Potential Port community system

Active Vessel Traffic Management Program

Anchorage management

Port call optimization

Supply chain collaboration and incentives

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West Coast Supply Chain Visibility Program

✓ This Program solution will allow us to take in data regarding **cargo moving through both West Coast ports and present visibility, analytics and optimization tools to industry**

✓ The Program's current focus is:

    ✓ To develop **data governance framework** with stakeholder organizations

    ✓ To secure **data sharing agreements** and **daily data feeds** with our stakeholder organizations

    ✓ To move forward with **implementing the Informatica data management platform**. This will serve as the backbone upon which the program will layer analytics tools and a user dashboard view of the metrics and KPIs

Informatica™

Monitor supply chain performance across all commodities through a near real-time digital dashboard available to industry stakeholders	Predict terminal-specific arrival time of railcars, linking cargo loading at origin to loading date at the terminal	Identify operational constraints and capacity bottlenecks based on live system data and simulations	Improve import and export cargo forecasting to estimate volumes, identify possible capacity issues, and support long-term operational planning

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We are working to maintain a healthy environment

Zero emissions by 2050

Eco Action

ECHO Program

Building Habitat

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Continuing to build the gateway to support your business

Thank you
www.portvancouver.com

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