



TRADE AND TRANSPORTATION CORRIDORS INITIATIVE

Progress report and discussion with CILTNA Ottawa Chapter

June 26, 2018





FUTURE OF TRANSPORTATION

Transportation 2030



- Better **travelers** experience



- **Safer** transportation



- **Greener** and more **innovative** transportation



- World class **waterways** and **Northern** transportation infrastructure



- Improve **trade corridors** to global markets

Trade and Transportation Corridors Initiative

Data and infrastructure investments increase efficiency and reliability of trade corridors

Transportation Modernization Act (C-49)

Modernize the sector, including improved data for system transparency and accountability

Oceans Protection Plan

Protect Canada's coasts & waterways, while growing the economy

Railway Safety Act Review

Ensure the Act's core objective of ensuring rail safety for Canadians is met

Motor Vehicle Safety Act Amendments

Address safety issues and promote innovation

Government of Canada's strategy is to modernize our toolkit (e.g. regulations, public infrastructure investments and information) to better support decisions to transform the transportation sector



INVESTING IN CANADA PLAN

INFRASTRUCTURE

The investments in infrastructure we make today will pay dividends for years to come: delivering clean, sustained economic growth; building stronger, more inclusive communities; and creating more good, middle class jobs for Canadians.

By investing in infrastructure now, we can strengthen and grow the middle class and make Canada an even better place to call home.



**PUBLIC
TRANSIT**



GREEN



SOCIAL



**TRADE AND
TRANSPORTATION**



**RURAL AND NORTHERN
COMMUNITIES**

CANADA INFRASTRUCTURE
BANK

A new and innovative financing tool to help public dollars go farther and help build more infrastructure projects in Canadian communities.



TRADE AND TRANSPORTATION

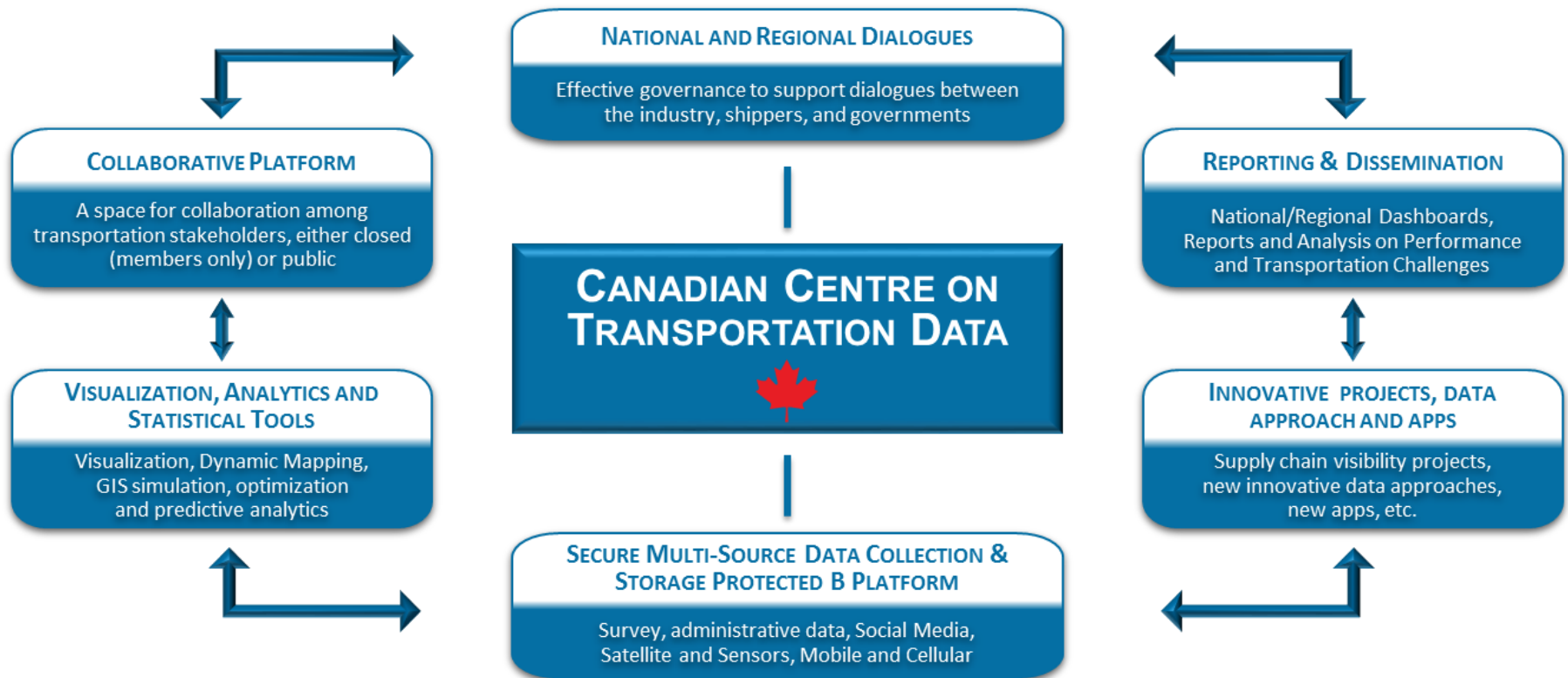
The over \$180 billion for the Investing in Canada Plan includes investments in the Trade and Transportation Corridors Initiative:

- \$50 million over 11 years: Trade and Transportation Information System
 - TC and Statistics Canada launched Canadian Centre on Transportation Data
- \$50 million over 5 years: Modernizing Canada's Transportation System
- At least \$5 billion over 11 years from the new Canada Infrastructure Bank will also be invested in trade and transportation infrastructure
- \$2 billion over 11 years: National Trade Corridors Fund (NTCF)

Projects will improve the performance of Canada's transportation system to get products to markets and grow our economy



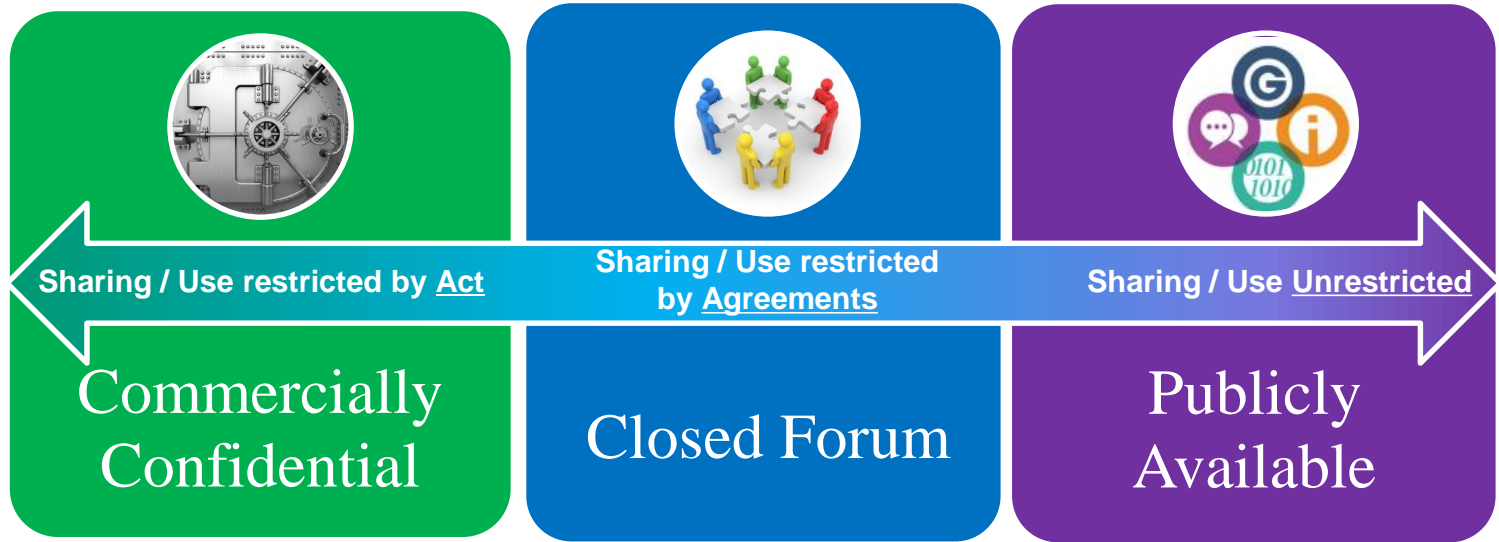
FREIGHT AND PASSENGER DATA





SECURE DATA PLATFORM

**SECURE
MULTI-LEVEL
ACCESS
& REPORTING**



**SECURE
COLLECTION
& STORAGE**



**GUIDING
PRINCIPLES**

- Secure multi-level storage and access to manage confidentiality
- User Centric Services
- Visualization, Analytics (optimization, forecast) and Statistical Tools
- Sharing & Collaboration
- Leading Edge Methods & Data Integration

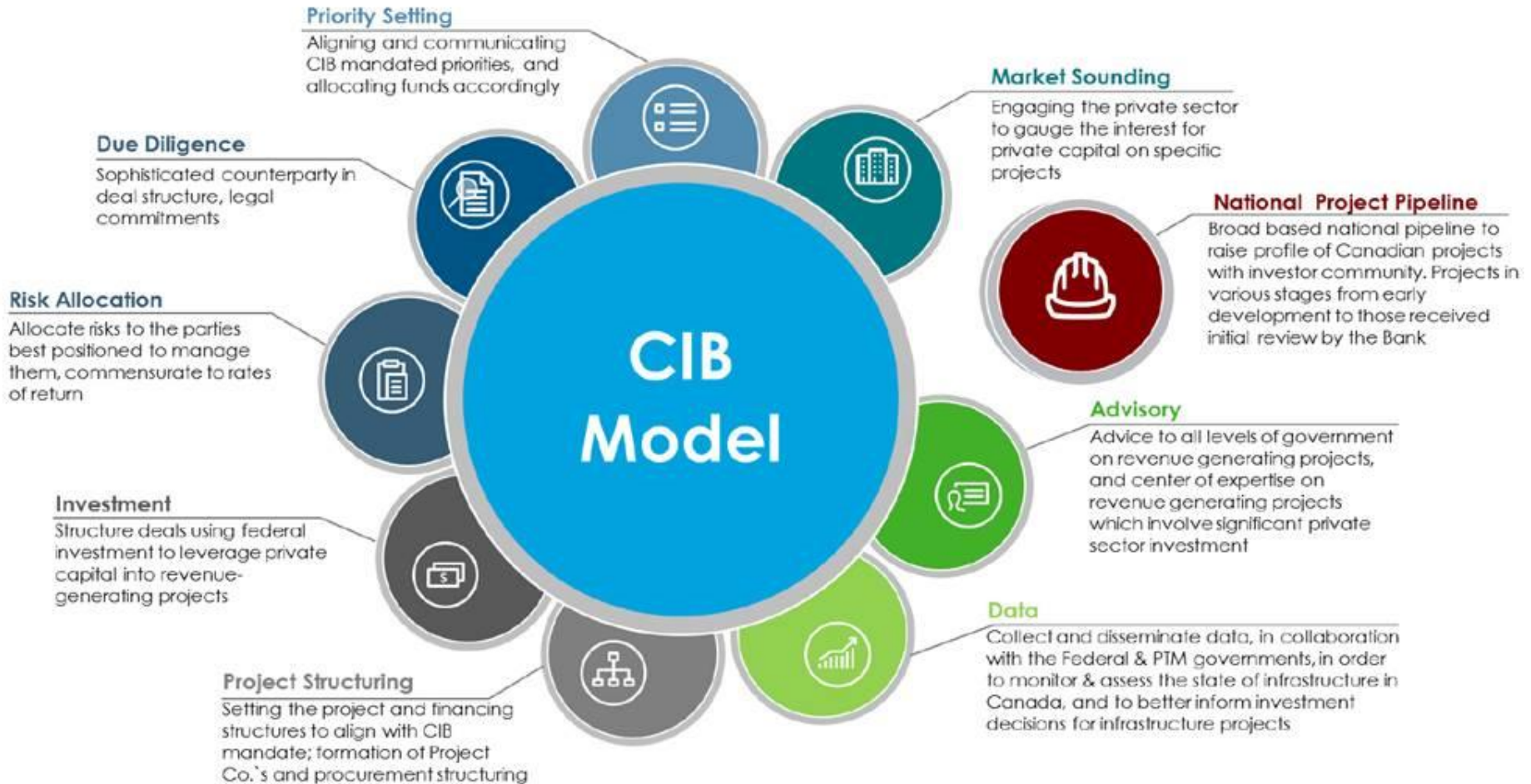
TRANSPORTATION INNOVATION

TC is working with industry and government partners to address issues and provide a regulatory framework for Canadian firms to test and operate innovative devices safely, while pursuing business opportunities and maximizing the economic potential of new technologies

- Program to Advance Connectivity and Automation in Transportation Systems is supporting projects to help jurisdictions prepare for and enable innovation
- Industry-led pilot projects in summer 2018 for new Remotely Piloted Aircraft Systems (RPAS or drones) technologies and commercial applications
- TC is implementing a major regulatory package for small RPAS in 2018-19



CANADA INFRASTRUCTURE BANK





BUILDING ON SUCCESS

Experience with the Asia-Pacific Gateway and Corridor Initiative and Gateways and Border Crossings Fund shows that:

1. Strategic infrastructure projects can have transformative effects
2. Gateways banner served as a catalyst for difficult changes
3. Convening diverse stakeholders to solve problems is important
4. There is a strong federal role to link transportation and trade
5. Outreach, marketing and research are key enablers
6. With success comes recognition, and competition from other jurisdictions

Public, industry and academic stakeholders echoed these points in the 2016 Ministerial consultations for Transportation 2030

NTCF OVERVIEW

\$2 billion, 11-year, competitive, merit-based program to:

- Build stronger, more resilient, and more efficient transportation corridors to international markets
- Help Canadian business to compete, grow and create jobs
- Support investments in critical transportation needs in the territories with up to \$400 million dedicated to the North





FIRST CALL FOR PROPOSALS



NTCF design is informed by consultations and lessons from past programs

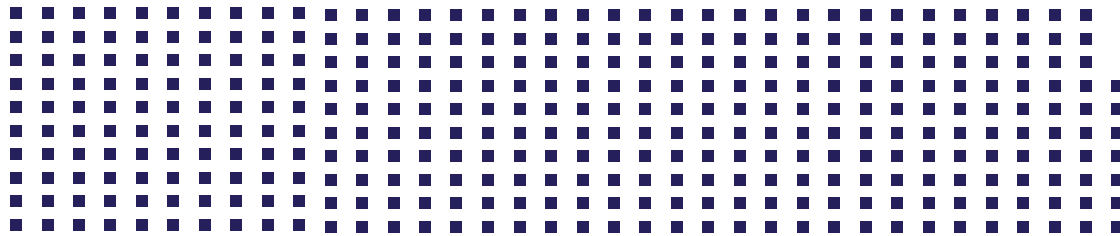
- Using competitive, merit-based processes: first call for proposals in 2017 to address immediate issues and develop a “project pipeline”
- Targeting investments to assets that support economic activity and trade flows: Canada’s economic health correlates with trade success
- Strengthening reliability and resilience to climate change, extreme weather, and other disruptions: competitive networks must be adaptable and flexible
- Leveraging: multiplies impacts and broadens support for projects



FIRST CALL: INTAKE

Number of Expressions of Interest received for NTCF

358



Total federal funds requested

\$16.9 billion

Number of screened-in applicants through the EOI phase who submitted comprehensive proposals

177 seeking \$7.5 billion



KNOWN CHALLENGES CALL FOR COORDINATED ACTIONS

Highway congestion in Rocky and Coast Mountains Nat'l Parks

Prince Rupert needs to diversify export mix

Persistent bottlenecks in Lower Mainland at modal interfaces and growing volumes

Limited/congested roads challenge Port of Montreal

Road capacity pressures around western cities

Weather/landslides disrupt rail in the Fraser Canyon

First mile/last mile challenges in GTA

Congested 401 corridor: commuters and manufacturers

Heavy traffic on Montreal-area highways

Chignecto Isthmus: vulnerable to rising sea levels

Underused capacity at the Port of Halifax





ANNOUNCED PROJECTS

Projects at 6 Nunavut Airports including Iqaluit

Edmonton 50th St. Grade Separation

Yukon Highways ITS Architecture

Ashcroft Inland Terminal

7 Projects Connecting Port of Vancouver

Nanaimo Vehicle Processing Centre

2 Projects Connecting Port of Montréal

3 Projects at the Port of Québec

Saint John Airport Safety

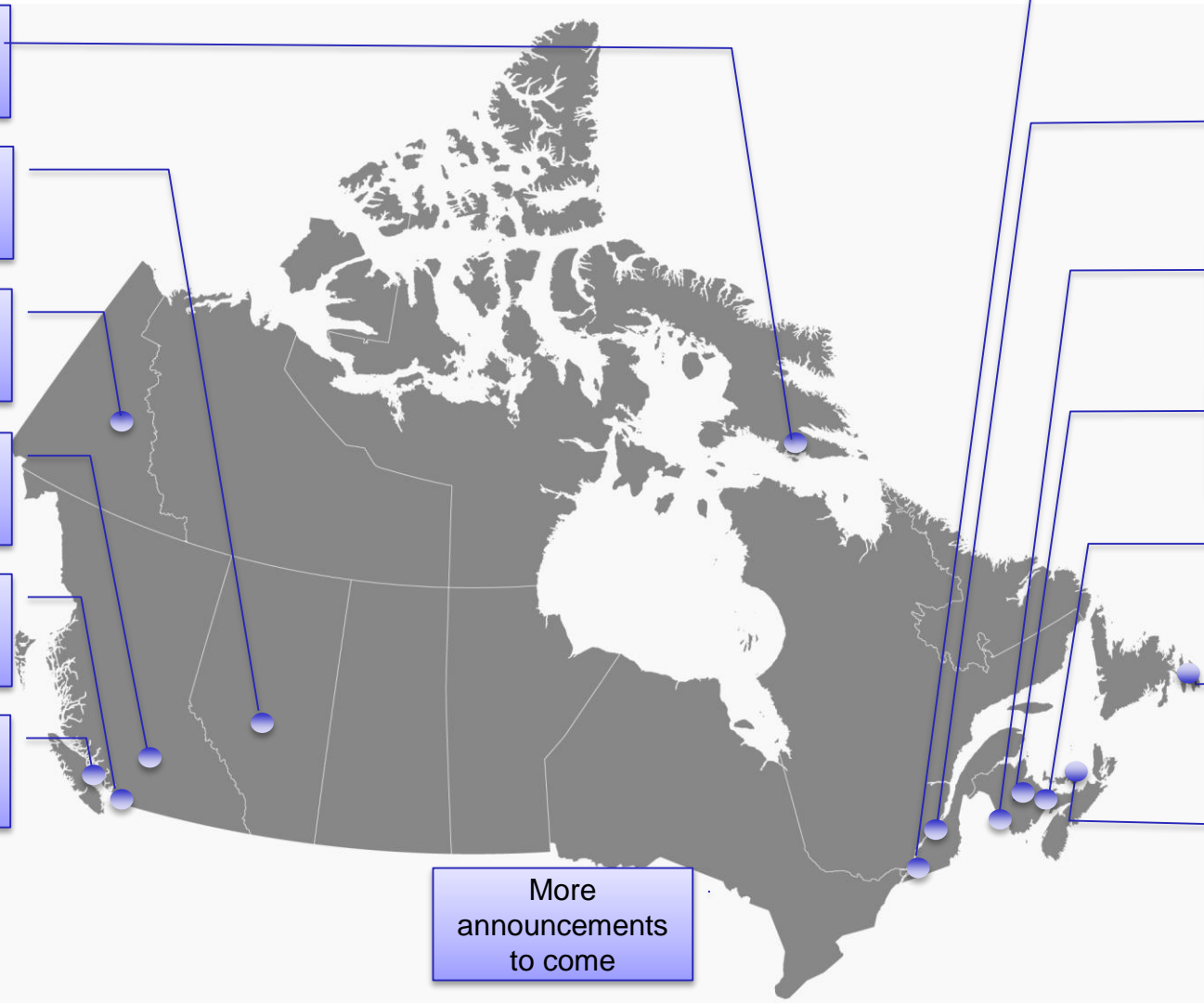
Rte-10 Coles Island Bridge Replacement

Chignecto Isthmus Climate Resilience Study

Port of St John's Productivity Study

Charlottetown Airport Safety

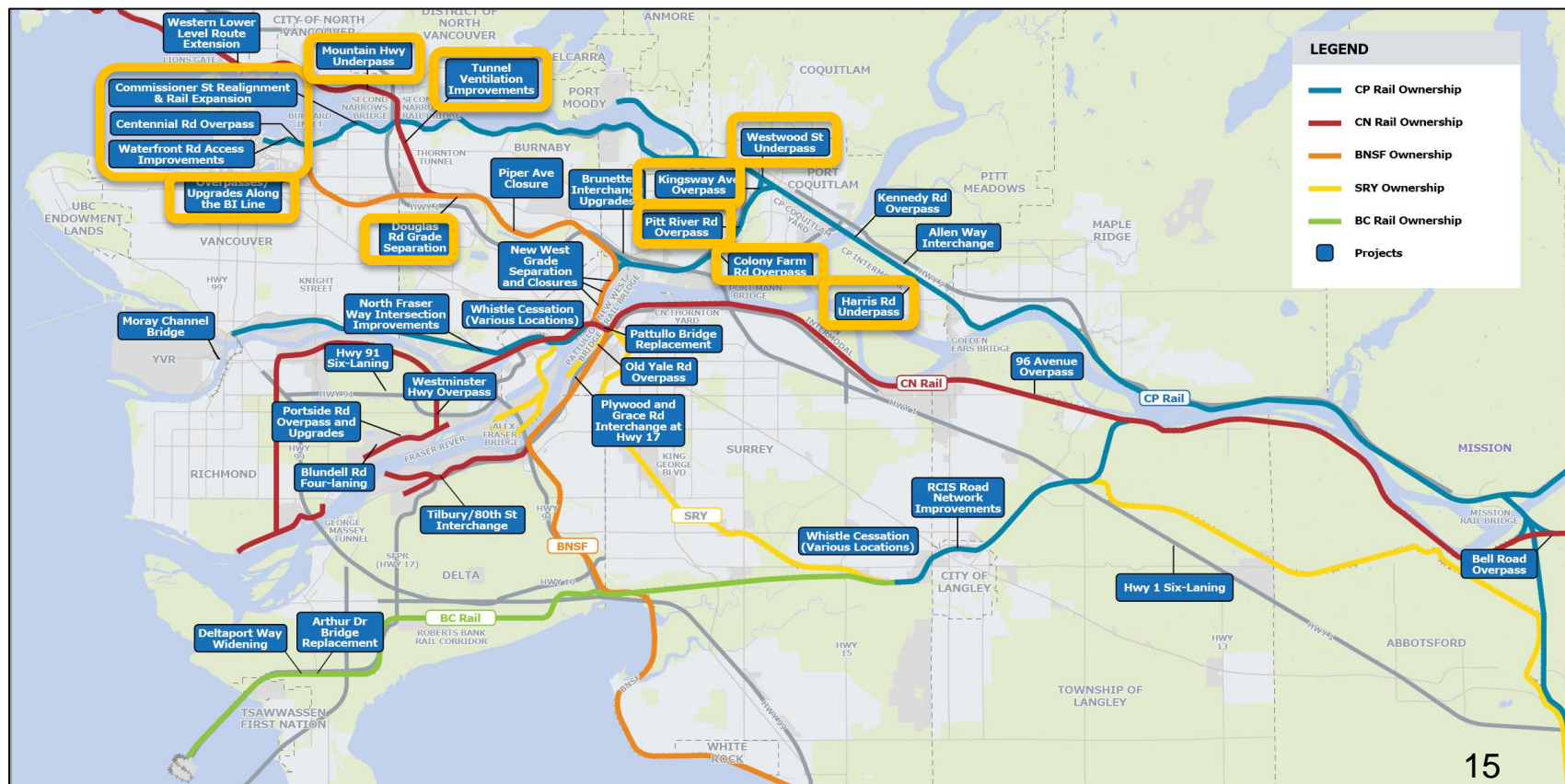
More announcements to come





ZOOM IN: 7 VANCOUVER PROJECTS

\$604.8 million (\$222.9 million from the NTCF) for 7 projects to build initial priorities from the Greater Vancouver Gateway 2030 Vision for Trade Growth



ZOOM IN: 2 MONTREAL PROJECTS



\$160 million (\$64.3 million from the NTCF) for 2 projects to strengthen multimodal infrastructure at Canada's 2nd-busiest port:

1. Optimize and increase Port's rail network capacity
2. Extend Blvd de l'Assomption to build a direct link between the port and the Trans-Canada Highway

Benefits of the projects include:

- Removing bottlenecks by relocating existing infrastructure and building new routes and capacity
- Improving the fluidity of \$41 billion in trade per year
- Providing for 3.8% forecast annual growth to 2030
- Leveraging contributions from the Port and Province



KEY TAKEAWAYS

All applicants have been informed of their results

- More announcements to come: some projects required Treasury Board approval, or negotiation of specific project elements

TC officials are holding feedback sessions with applicants

- The two-stage process is a good model, but more time and guidance on available data and metrics would result in proposals
- More quantitative and qualitative evidence regarding existing bottlenecks, trade trends, and investment would be useful

Improved data and analytics will also strengthen the evidence base that TC uses to evaluate applications, and prioritize investments

NEXT STEPS

Call for proposals for projects in the North will launch later this year

- Address community needs, including safety and economic development

TC is also building its capacity to support trade growth and supply chain performance by:

- Integrating the department's existing regional and modal knowledge, infrastructure programming expertise, and advanced data analytics
- Engaging stakeholders, including shippers and international partners, on trade and transportation infrastructure and policy
- Promoting Canada's trade and logistics advantages internationally

Consultations and transportation systems analysis will identify investment priorities for future project selection processes



TRADE AND TRANSPORTATION CORRIDORS INITIATIVE



<http://www.tc.gc.ca/eng/trade-transportation-corridors-initiative.html>