



PORT of
vancouver

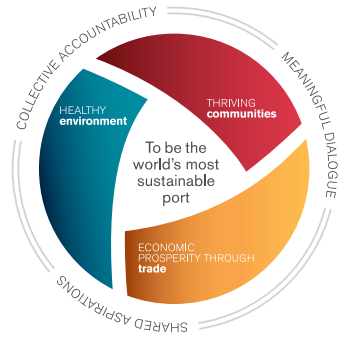


**Sustainability highlights
2017**

Our journey towards a more sustainable port

We have defined a sustainable port as one that delivers economic prosperity through trade, maintains a healthy environment, and enables thriving communities through meaningful dialogue, shared aspirations and collective accountability.

Together with industry, government, communities and Aboriginal Peoples, the Vancouver Fraser Port Authority is continuing our journey towards a more sustainable future for the Port of Vancouver. With an envisioned future, a definition of a sustainable port and an aspirational vision to guide us, we are working to integrate sustainability throughout our business processes and culture.



Learn more at portvancouver.com/sustainability

Our progress

	Commitment	Action taken in 2017	2018 focus
Governance	Improve integration of sustainability considerations throughout all facets of board decisions	Implemented changes to the governance model by combining two board committees and enhancing the reporting requirements to the board in regards to community concerns about port operations	Continue to implement changes to the governance model, and begin the board review of the proposed sustainability metrics
Culture	Assess our organizational culture to identify ways to further embed sustainability practices and engage employees	Renewed our corporate values, and embedded sustainability pillars into internal communication and town hall meetings, to further engage port authority employees in our vision	Evaluate our corporate culture and articulate a culture plan to contribute towards becoming the world's most sustainable port
Leadership	Benchmark best practices of global ports and other industries to better understand what it means to be a sustainability leader	Used findings from a scan of best practices among global ports to identify regional and international opportunities to be a sustainability leader	Move forward with work on select leadership opportunities, including underwater noise and liquefied natural gas as a marine fuel
Performance	Develop sustainability priorities and goals, and evolve our strategy and planning process	Initiated the process of developing sustainability performance metrics to help measure progress towards our vision, and prioritized a set of high-level metrics for development in 2018 and beyond	Develop and refine draft definitions for high-level sustainability performance metrics, and finalize half of the metrics
Reporting	Re-evaluate our sustainability reporting practices to improve key performance indicators and create closer alignment with our strategic business planning processes	Aligned corporate reporting content, and initiated a project to update our process for sustainability reporting to allow for more efficient, transparent and consistent reporting	Create a process and framework to publish an online sustainability report beginning in 2019

Economic prosperity through trade

Focus areas:

- Competitive business
- Effective workforce
- Strategic investment and asset management

Overall cargo volume record of

142.1 million

tonnes in 2017

A record year for both bulk grain and container sectors, representing a

5% increase

in volume over 2016



Supporting growing trade

Over 45 acres of strategic industrial land was acquired, helping to support future port growth, facilitate Canada's trade and contribute to our local economy.



Construction of the new G3 Vancouver Terminal

In 2017

\$713 million

of investment was initiated by industry and port tenants, towards projects on port authority land that will increase capacity, efficiency and safety of goods movement at the Port of Vancouver



Healthy environment

Focus areas:

- Healthy ecosystems
- Climate action
- Responsible practices



Slowing down for whale research

More than 50 marine shipping industry organizations voluntarily participated in a vessel slowdown trial. The study, part of the port authority-led Enhancing Cetacean Habitat and Observation (ECHO) Program, measured how reducing vessel speed affects underwater noise and endangered southern resident killer whales.



759 vessel calls

participated in our EcoAction Program, which offers discounts on harbour dues to shipping lines for reducing emissions, underwater noise and environmental impacts – an increase of 198 vessel calls over last year



The port authority received a 2017 North American Marine Environment Protection Association (NAMEPA) award, recognizing its marine environment protection initiatives.

Thriving communities

Focus areas:

- Good neighbour
- Community connections
- Aboriginal relationships
- Safety and security

Increasing navigational safety

We introduced and designated a Traffic Control Zone in the First Narrows of Burrard Inlet, reviewing and strengthening specific navigational practices and procedures in this busy port area. We also launched a safe boating guide for recreational boaters navigating the Fraser River.



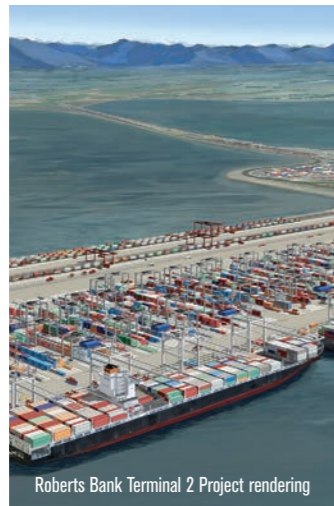
More than

1.5 million people

attended two days of activities for Canada Day at Canada Place, coming together as a community to celebrate Canada's 150th birthday

Planning for the future

Trade in containers between Asia and Canada is growing, and the West Coast will run out of capacity by the mid-2020s. Our proposed Roberts Bank Terminal 2 Project would accommodate growing trade by creating 2.4 million TEUs (twenty-foot equivalent units) of container capacity. The project is currently undergoing a federal environmental assessment by an independent review panel.



Roberts Bank Terminal 2 Project rendering

Port of Vancouver-related activity per year generates

\$24.2 billion

in economic output

\$11.9 billion

in GDP

Restoring fish habitat in Burrard Inlet

Together with the Vancouver Board of Parks and Recreation, and the Musqueam, Squamish and Tsleil-Waututh First Nations, we completed the New Brighton Park Shoreline Habitat Restoration Project. The project provides high-value habitat for wildlife and fish such as juvenile salmon, and increases public access to nature on a site that had been previously filled.



Reducing air emissions

2,126 tonnes

of net greenhouse gas emissions (equivalent to emissions from 455 vehicles on the road) and

671 tonnes

of fuel were saved as 54 cruise vessels connected to shore power, allowing ships to turn off their engines while in port

More than

\$750,000

invested through our community investment and local channel dredging programs, enhancing community connections and culture



We supported the Pulling Together Canoe Journey, a multi-day event that brought Aboriginal and non-Aboriginal people together on a paddling journey on local waterways. The event provided participants with the opportunity to eliminate prejudice and stereotypes by working together towards a common goal.

About the Port of Vancouver


The Port of Vancouver is Canada's largest port, and the third largest in North America in terms of annual tonnes of cargo. It is home to 27 major marine cargo terminals, operating across five business sectors: automobiles, breakbulk, bulk, container and cruise. The port borders 16 municipalities and intersects the asserted and established territories and treaty lands of several Coast Salish First Nations on the southwest coast of British Columbia.

About the Vancouver Fraser Port Authority

The Vancouver Fraser Port Authority is responsible for managing federal lands and waters at the Port of Vancouver on behalf of Canadians and in support of national trade objectives. We provide marine infrastructure and ensure safe and efficient movement of marine traffic and cargo within the port. We ensure operations are secure, reliable and sustainable, with consideration for the impacts on our neighbouring communities. We also advance environmental initiatives, and conduct project and environmental reviews of works and projects proposed for port lands and waters.

Our mission is to enable Canada's trade objectives, ensuring safety, environmental protection and consideration for local communities.






Our vision is to be the world's most sustainable port.

 Learn more about these highlights and our journey to a more sustainable port at portvancouver.com/sustainability

Vancouver Fraser Port Authority

100 The Pointe, 999 Canada Place
Vancouver, B.C. V6C 3T4
t: 1.604.665.9000
f: 1.866.284.4271
e: info@portvancouver.com
w: portvancouver.com

Canada

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