



2024 Environmental, social and governance report



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Overview

Delivering **safe** and **reliable** energy transportation

RELATED SDGS



PICTURED
Burnaby Terminal, BC

Message from our Chief Executive Officer

I am pleased to share our annual Environmental, Social and Governance (ESG) report for 2024, marking the year we started operations of our expanded pipeline system. I could not be prouder of this collective accomplishment.

May 1, 2024, was a historic day for our company and for Canada. The expansion of Trans Mountain would not have been possible without the hard work of our employees and contractors—those on the ground building the pipeline through some of the world’s most rugged terrain, those engaging with stakeholders, including local communities, regulators and governments and those working carefully behind the scenes to ensure a safe startup of our expanded system.

The strategic importance of the Trans Mountain system is abundantly clear. Since our expanded system became operational, exports to global markets outside North America have more than doubled. The demand for Canadian energy resources including oil is growing and egress off the West Coast of Canada is critical to meet these needs, as well as enable our country to access broader and more diverse markets for our products. We are in the process of identifying and investigating opportunities that would improve the throughput efficiency and increase the capacity of the expanded system, allowing more Canadian oil to reach global markets.

Backed by more than 70 years of experience, we continue to run our pipeline system safely, reliably and responsibly. I am pleased to report that in 2024 we recorded zero lost-time injuries. I am deeply proud of our progress, including our commitment to continuously advance Trans Mountain’s values of Safety, Integrity, Reliability and Excellence. As it relates to team safety, we follow the Life Saving Rules to ensure every employee returns home safely at the end of their shift. Trans Mountain’s leaders, including myself, will continue to be visible and accessible across our operations and fully support safety in our day-to-day activities.

Throughout construction of the Expansion Project, it was particularly important to us that Indigenous Peoples benefited from and participated in building this historic infrastructure. We awarded more than \$6 billion to Indigenous contractors and approximately 10 per cent of our workforce identified as Indigenous. While the number of contracts we award will be lower as we shift to normal operations, we will continue to explore ways to increase Indigenous participation at Trans Mountain. Our Reconciliation Action Plan, which we released in late 2024, outlines our approach to sustaining positive, mutually beneficial relationships with Indigenous communities as we move into this next phase.

Although the Expansion Project is complete, communities near our pipeline and marine corridor will notice the ongoing restoration of lands disturbed by our activities. This work includes constructing nest boxes for species-at-risk, building a rock reef for fish and other marine life near our Westridge Marine Terminal and planting more than one million trees along our right-of-way. In the coming years, we will conduct post-construction Indigenous and environmental monitoring in reclaimed areas to ensure our efforts are effective. As part of our commitment to maintaining long-term relationships with communities near our operations, we will continue to engage with those along the right-of-way.

When the government approved the Expansion Project, it did so with an eye towards the future. I can’t think of a time in our country’s history when a project has proven as important to our collective prosperity and economic security. Canada’s decision to make a strategic investment in Trans Mountain has been both significant and timely. The results are now coming to fruition, and we are delivering on the promises envisioned at the time of Canada’s original investment.

I am deeply proud of the work we do and our contributions to the Canadian economy. While I am not new to the company, I stepped into the role of Chief Executive Officer in late 2024. I am honoured to lead Trans Mountain into its next chapter—in partnership with Michael Davies, President and Chief Operating Officer—and our experienced executive team.



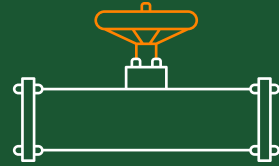
In closing, I would like to thank the Government of Canada, our Board of Directors and my predecessors for their foresight in making the Expansion Project a reality. I also thank the leadership team for guiding the Project to completion, as well as the thousands of employees and contractors who made it all possible. Together, we will continue contributing to Canadian prosperity and delivering Canadian oil safely and responsibly for years to come.



Mark Maki
Chief Executive Officer

Looking back: 2024 highlights

Trans Mountain has been operating across Alberta, British Columbia and Washington state for more than 70 years. In 2024, we completed construction of the Trans Mountain Expansion Project, a historic expansion increasing our capacity to connect Canadian oil to global markets. With construction now complete, we are focused on maintaining reliable and safe pipeline operations and completing reclamation activities along the pipeline right-of-way. Some of our highlights from 2024 include:

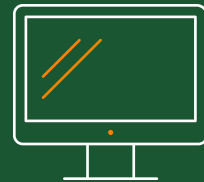


140,000+

individuals engaged as part of our pipeline safety program

25,000+

hours of Indigenous Monitoring



2,200+

hours of cyber security training provided

21,000+

hours of environmental field studies and monitoring



0

employee and contractor lost-time injuries



\$620,000

in financial assistance and in-kind donations to organizations and community initiatives along the pipeline and marine corridor

0

reportable spills from our pipeline

100%

of our employees completed our Code of Conduct training

200+

participants in our full-scale emergency response exercise at Westridge Marine Terminal



About Trans Mountain*

Trans Mountain operates Canada's only pipeline system transporting oil products to the West Coast of Canada. We have the capacity to deliver approximately 890,000 barrels of crude oil and refined products every day. Our assets also include four storage terminals and a three-berth marine terminal. Our pipeline system, which runs from Edmonton, Alberta (AB), to Burnaby, British Columbia (BC) and to Washington state, has been in operation for more than 70 years.

Trans Mountain Corporation was incorporated in 2018 as a federal Crown corporation, and we are accountable to Parliament through Canada Development Investment Corporation (CDEV). Trans Mountain is headquartered in Calgary, Alberta, and has regional offices along the pipeline system.

Land acknowledgment

Trans Mountain acknowledges and respects the Indigenous Peoples on whose Traditional Territory we operate, maintain and construct our pipeline system. We recognize the unique histories, cultures and traditions of all those Indigenous groups within whose Territory Trans Mountain operates and that their relationship to the land continues to this day.

711
employees

534
contractors

\$1.9 billion
in revenue

\$37.4 billion
in assets

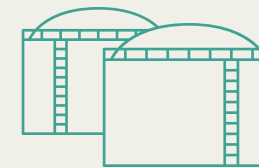
Storage terminals

Provides temporary storage for oil products for customers.

4
terminals
(Edmonton,
Kamloops,
Sumas,
Burnaby)

15.5 million
barrels (storage
capacity)

78
tanks at
terminals



BRITISH
COLUMBIA

KAMLOOPS

BURNABY SUMAS



Westridge Marine Terminal

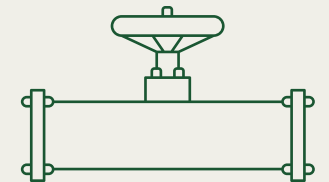
Handles export of crude oil and import of jet fuel on third-party marine vessels (barges and tankers).

~630,000
barrels per day
(export capacity)

3
berths (serves
Aframax tankers
and barges)

EDMONTON

ALBERTA



Pipeline system

Our pipeline system transports crude oil and refined products. We connect production areas with refineries in North America and with export capabilities to global markets.

Trans Mountain pipeline system (Canada)
Edmonton, AB to Burnaby, BC

~890,000
barrels per day
(nominal capacity)

1,180
linear
kilometres

33
active
pump
stations

Puget Sound pipeline system (US)
Abbotsford, BC to Washington state

~240,000
barrels per day
(nominal capacity)

111
linear
kilometres

1
pump
station

WASHINGTON

* Figures as of December 31, 2024.

Trans Mountain's role in supporting Canadian prosperity

On May 1, 2024, we completed the remarkable Expansion Project and began commercial operations of the expanded Trans Mountain system. For more than 70 years, we have been safely and reliably operating our pipeline system. We create value for all Canadians by:

Connecting Canadian oil to global markets and unlocking Canadian resources

The Trans Mountain pipeline system is vital infrastructure for Canadians and the Canadian economy. Trans Mountain is Canada's only pipeline system to Canada's West Coast, and our three-berth loading facility, Westridge Marine Terminal, provides critical tidewater access to global markets, including Asia, one of the world's fastest-growing oil markets,¹ where approximately half of the shipments were sent after the expanded system became operational.

Providing Canadian oil with access to global markets helps Canada receive a competitive price for its resources and our expanded system is proving this out: the price differential between Western Canada Select and West Texas Intermediate has narrowed from US\$22 in December 2023 (prior to the start up of the expanded system) to US\$13 in December 2024. By creating a path for Canada to export its oil resources beyond North America, we support GDP growth and help create economic value that supports critical services like health care and education.

Connecting communities to prosperity and people to opportunities

We are committed to supporting and building prosperity in the communities our pipeline traverses through job creation, capacity building and giving back. Trans Mountain and our contractors hired more than 37,000 individuals to work on the historic Expansion Project. Today, we employ people in Alberta, British Columbia and Washington state to support our ongoing operations. We made a concerted effort to create opportunities for Indigenous communities throughout construction on the Expansion Project and we remain committed to identifying and executing on ongoing opportunities for Indigenous inclusion through employment, contracting, education and training. In the past six years, we have dedicated more than \$16 million to community projects, such as recreational infrastructure improvements, which impact the lives of thousands of Canadians.

Connecting safety to operational excellence

The way we constructed and operate the expanded system reflects the lessons we've learned in our decades of operation. We don't shy away from change: We have integrated new and innovative asset integrity technologies, such as a fibre optic monitoring system to detect leaks and light detection and ranging technology (LiDAR) to detect ground movements. These innovative technologies enhance our ability to monitor and operate our pipeline system, allowing us to continue to provide safe transportation of Canadian oil for decades to come.

Our economic contribution

In 2024, we directly contributed to the economy in the following ways:

\$1.3 billion
to suppliers of goods and services

\$187 million
to employees in wages and benefits

\$1.1 billion
to the Government of Canada/providers of capital in interest charges

\$139 million
to communities and non-profits through benefit agreements, donations and sponsorships

\$821 million
to Indigenous communities through capacity building and business opportunities

\$89 million
to governments in taxes

\$69 million
to landowners in exchange for use of their land

¹ <https://iea.blob.core.windows.net/assets/cc7fd38f-3d68-4796-a958-8dfa3f3ef4a6/Oil2023.pdf#page=33>

Trans Mountain's key milestones

When the original Trans Mountain pipeline began operation in 1953, it ushered in a new era of economic growth for Western Canada. A great deal has changed since 1953, including the role of the pipeline system itself. Originally designed to transport just crude oil, it was later modified to allow customers to also ship refined products. Today, Trans Mountain is the only pipeline in North America that carries both refined products and heavy crude oil in batches (the ability to transport crude oil, semi-refined and refined products in a series in the same pipeline). Our pipeline system's capacity has also changed over the years, from 150,000 barrels per day when it began operation, to more than 890,000 in 2024. Below are some of the capacity changes we have made to our system in our more than 70 years of operations:



1951-1953

Construction of the Trans Mountain pipeline began in 1951. In just over 30 months, engineering and construction was complete. The first shipment of oil reached Burnaby Terminal on October 17, 1953.

120,000
barrels per day*



1955

Construction of Westridge Marine Terminal was completed in 1955, providing tidewater access to global markets.



1957

In 1957, an expansion to increase the pipeline's capacity was completed by adding 160 kilometres of pipeline.

250,000
barrels per day*



1985

Trans Mountain's pipeline system was modified in 1985 to allow for batching of refined product shipments.



2006-2008

In 2006, construction began on the Anchor Loop project, which added 158 kilometres of new pipeline next to the existing pipeline between Hinton, AB and Hargreaves, BC and increased the pipeline's capacity.

Construction of the Anchor Loop project completed in 2008.

300,000
barrels per day*



2019-2024

In 2019, the Government of Canada approved the Trans Mountain Expansion Project and construction began on twinning 1,180 kilometres of the existing pipeline, as well as constructing three new berths at Westridge Marine Terminal. Construction of the Expansion Project was completed in 2024, almost tripling the system's capacity.

890,000
barrels per day*



2025+

We continue to operate our pipeline system safely and responsibly and explore opportunities to further connect Canada's oil to global markets.



* nominal capacity

Approach

Managing ESG matters responsibly

PICTURED
Westridge Marine Terminal, BC

Our approach to ESG

Managing environmental, social and governance (ESG) matters responsibly is not new at Trans Mountain. It is a part of our past, our present and an integral part of our future.

This report is our fifth formal communication of our ESG practices and progress. Our approach to ESG management involves working on the topics highlighted on this page. As our business and the environment in which we operate evolves, we will reassess what specific ESG issues we focus on.








	OUR COMMITMENT	RELEVANT TOPICS
Environment	We are working to lower our GHG emissions to help our customers and Canada meet their decarbonization goals. Our pipeline crosses some of the most rugged, mountainous terrain in the world as well as wetlands, waterways, parkland and urban areas. While we operate in a challenging environment, our pipeline has delivered safe and reliable oil transportation for more than 70 years. We take great care to respect the traditional use of the land and Indigenous heritage resources, and we aim to offset our impacts on climate, wetlands and biodiversity as part of our Expansion Project reclamation.	<ul style="list-style-type: none">– Asset integrity and emergency preparedness– Biodiversity, land and water stewardship (including heritage resources)– GHG emissions– Air quality– Mitigation of climate-related risks– Responsibility in marine operations
Social	We respect the communities where we operate and work hard to build and maintain these relationships. We operate in a manner consistent with Canada’s commitment to advance reconciliation with Indigenous Peoples. We are committed to operating safely and responsibly to protect our employees, contractors and the public. We also strive to foster a positive, inclusive, diverse, equitable and accessible work environment.	<ul style="list-style-type: none">– Employee and contractor safety– Inclusion, diversity, equity and accessibility– Relationships with Indigenous communities– Relationships with landowners– Relationships with communities
Governance	Our Board of Directors and leadership team work to set a positive example for all employees and contractors by demonstrating our corporate values—Safety, Integrity, Respect and Excellence. We adopt policies and practices to establish clear expectations and foster accountability at all levels of the organization. We train employees to give them the necessary tools to meet the commitments contained in our policies. Our decisions consider the long-term vision for our company and incorporate environmental and social factors. As societal expectations of corporations evolve, we remain attuned to shifts in risks and opportunities and adjust our business practices accordingly.	<ul style="list-style-type: none">– Corporate governance– Governance for environmental and social matters– Ethics– Cyber security– Responsible procurement

Sustainable Development Goals

Considering the needs of future generations, Canada and more than 190 other countries and a large number of non-profit organizations and corporations support the UN Sustainable Development Goals (SDGs).

The SDGs are 17 global goals, set by the United Nations General Assembly in 2015 to be achieved by 2030. These goals aim to protect the planet, reduce inequality and ensure prosperity for all.

Trans Mountain supports this global and Canadian commitment and wants to contribute toward the achievement of the SDGs. This chart describes some of the important ways we work toward the SDGs in our operations.

TRANS MOUNTAIN ACTIVITIES	RELATED SDGS AND TARGETS		
Operating the Trans Mountain pipeline, a reliable and resilient infrastructure system that supports energy access	[9.1]	Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all	
Providing employment opportunities and contributing to Indigenous businesses and economic development	[8]	Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all	
	[8.5]	Achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities and equal pay for work of equal value	
Offering education and training opportunities to help raise the standard of living in local and Indigenous communities	[4]	Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	
	[4.4]	Substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship	
Investing in asset integrity, preventing spills and minimizing releases to air, land and water	[12.4]	Achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment	
Protecting biodiversity across our operations and continuing to support the protection of marine life, including marine mammals, around Westridge Marine Terminal	[15.5]	Take urgent and significant action to reduce the degradation of natural habitats and halt the loss of biodiversity	 
	[14.1]	Prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities, including marine debris and nutrient pollution	
Monitoring, reporting and managing our greenhouse gas (GHG) emissions and providing funds to communities along the pipeline corridor to improve their resilience to extreme weather events	[13] [13.1]	Take urgent action to combat climate change and its impacts Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries	

About this report

At Trans Mountain, we are committed to being transparent about our ESG practices and performance.

The goal of this ESG report is to communicate the environmental, social and governance initiatives and key metrics that demonstrate our progress to date and our commitment to continual improvement.

- Unless otherwise noted, this report covers quantitative and qualitative performance for the year ended December 31, 2024. When available, comparable and historical data is provided for the previous four years.
- Our reported environmental and social performance covers pipelines and terminals operated by Trans Mountain as well as the Expansion Project.
- Unless noted, data points do not include service providers.
- Financial data is in Canadian dollars and environmental data is in metric units.
- The accuracy of this report is important to our company. Senior management and relevant staff have reviewed all information and believe it is an accurate representation of our performance. Third-party assurance of this report was not conducted.
- The terms “Trans Mountain”, “our”, “we”, “the company” and “the Corporation”, refer to Trans Mountain Corporation and its direct and indirect subsidiaries. “The Expansion Project”, “the Expansion” and “the Project” refer to the Trans Mountain Expansion Project.

- The terms “sustainability”, “ESG”, “decarbonization”, “net zero” and similar terms, taxonomies, methodologies, criteria and standards are evolving in terms of both meaning and scope. As a result, Trans Mountain’s use of such terms may vary over time to reflect such evolution. Any references to such terms in this document are intended as references to the internally defined criteria of Trans Mountain and not to any jurisdiction-specific regulatory definition or voluntary standard that may exist.

Aligning with ESG standards

We continue to monitor recent developments in the ESG reporting framework space, including the release of the proposed Canadian Sustainability Disclosure Standards (CSDS) by the Canadian Sustainability Standards Board (CSSB) in March 2024. We meet all the requirements to align with the Task Force on Climate-Related Financial Disclosures, and while we do not fully meet all the requirements in accordance with other reporting standards, we cross-reference our disclosures with the recognized standards below:

TCFD ————— [page 45](#)

SASB ————— [page 62](#)

We also outline our contributions to the SDGs.

SDGs ————— [page 11](#)

Read our caution regarding forward-looking statements on [page 66](#).

Determining what to report

Although there is a wide range of ESG matters companies can consider, we want to focus our communications on the ESG topics that can have a significant impact on our business success, and those that represent the interests of:

- Our employees and contractors
- Our customers
- Indigenous and local communities
- Regulators

In 2024, our senior management team participated in an ESG prioritization workshop to verify that the ESG-related issues we report on are still the most relevant to our company. Our senior management team discussed the potential financial or operational impact of the issues on Trans Mountain as well as the influence of recent events, ESG reporting frameworks, the completion of the Expansion Project, and our understanding of the concerns and priorities of employees, customers, Indigenous communities, local communities and regulators.

The process we use to determine ESG topics addressed in this report is different from how we determine materiality for financial reporting.

The initial list of ESG-related issues was extracted from guidelines from:

- The Sustainability Accounting Standards Board (SASB)
- The Task Force on Climate-related Financial Disclosures (TCFD)
- Reports from other midstream companies

Environment

Protecting land, water and ecosystems

RELATED SDGS



PICTURED

Western Canada Marine Response Corporation's spill response vessel, the Echo Sentinel.

Asset integrity

We have been operating our pipeline system safely and responsibly for more than 70 years. During this time, we have developed a mature suite of programs to maximize pipeline and facility safety.

We maintain the integrity of our pipelines, terminals and pump stations through regular hazard identification, continuous monitoring and through a variety of preventive activities. Where appropriate, we use new technology to help improve our monitoring capabilities.

Pipelines

Since our pipeline is underground, we rely on internal inspection technologies to assess and review the condition of the pipe. This helps us detect and monitor small features in the pipe before they pose a risk of failure. We also monitor external conditions around the pipe that can pose a risk to its safe operation.

Focusing on prevention

We employ a suite of programs and activities to maximize pipeline safety, with a focus on preventing issues before they occur. Our preventive activities include:

1 | CORROSION PREVENTION The exterior of the pipe has a coating to protect it from contact with the soil. Because corrosion is an electrochemical process, we also use cathodic protection to prevent oxidation where the pipe contacts the soil. The interior of the pipe is protected from corrosion by running scraper tools on a regular basis to move solids and water that has settled out in the pipe and could potentially lead to corrosion.

2 | PIPELINE DEPTH OF COVER We regularly monitor our pipeline to ensure adequate soil cover remains over top of the pipe to protect the pipe against damage. Areas with deficient cover are prioritized for remediation.

3 | RIGHT-OF-WAY MAINTENANCE We maintain the strip of land above and around the pipeline so large trees, shrubs or other debris remain away from the pipe. This ongoing maintenance provides clear line of sight along the pipeline right-of-way and allows for access to conduct surveys and inspections, and to respond in emergency situations.

4 | ONGOING MONITORING In our Control Centre in Edmonton, Alberta, our operators monitor our pipelines and terminals 24 hours a day, seven days a week.

5 | INFRASTRUCTURE PROTECTION Our geohazard program involves identifying areas that may be exposed to natural stresses and events such as flooding or avalanches. In response, we may conduct additional monitoring for ground movements or other changes, and in cases of elevated risk, we may decide to reroute the pipeline. In 2024, we completed the rerouting of 900 metres of our pipeline in British Columbia where the pipe crosses the Coquihalla River, in an area identified as being vulnerable to avalanches or rockfalls. The pipeline was relocated to a nearby safe location underground.



PIPELINE INTEGRITY

	2020	2021	2022	2023	2024
PIPELINE INTEGRITY					
Pipelines operated (km)	1,275	1,275	1,275	1,275	2,469
Aerial inspections	115	136	139	134	139
Inline inspections (total km of pipeline inspected)	865	1,191	1,135	1,233	4,531
Integrity digs (number)*	71	107	110	85	35
Cathodic protection surveys	4,055	4,117	3,975	4,137	4,946
Geohazard inspections	295	507	598	727	808

PIPELINE SPILLS

Pipeline spills along the right-of-way (number)	0	0	0	0	0
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* The number of integrity digs can vary year over year based on requirements, and preliminary findings from tool runs.

Protecting pipeline integrity

Our pipeline integrity and pipeline protection programs involve identifying potential hazards and vulnerabilities to our pipeline system and right-of-way. Our pipeline integrity activities in 2024 included:



35

integrity digs

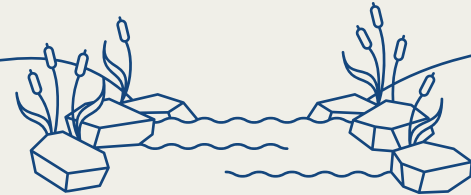
When an inline inspection or pipeline coating survey detects something that requires further investigation, we conduct an integrity dig by excavating and examining the pipe at that location. We use non-destructive examination techniques and if necessary, repair or replace the pipe before restoring the excavated site to its prior condition.



139

aerial inspections

We fly over the pipeline to conduct a visual inspection of the right-of-way and monitor human-related activities around the pipeline, identify any observable leaks and look for new hazards that could affect the pipe's stability, such as ground movement or other geohazard events. During line fill of the expanded system, we increased our aerial patrols to identify any vulnerable areas or potential leaks until our leak detection system became fully operational.



808

geohazard monitoring

Our geohazard monitoring program documents inspections and maintenance work on geohazard sites along the pipeline route, including watercourse crossings and slopes or other areas of potential ground movement. Within our program we:

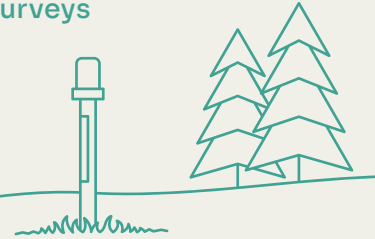
- Maintain a geohazard database that includes detailed information for each potential geohazard site.

- Conduct detailed ground inspections and surveys to monitor the geohazard sites that are scheduled based on risk.
- Use real-time flow monitoring at watercourse crossings to assess any increased risk to the pipe during flood events.
- Use instrumentation and radar/satellite imagery to monitor for potential ground movement around the pipe.
- Complete detailed assessments to prioritize mitigation where required.

We periodically monitor the effectiveness of our cathodic protection in preventing corrosion. Each year, we take readings at test stations located approximately every two kilometres apart along the pipeline route to ensure a minimum voltage is maintained. Every five years, we complete close interval surveys that provide us with voltage readings every three metres.

4,946

cathodic protection surveys



28

inline inspections

We use sophisticated tools (called pigs – or pipeline inspection gauges) that travel inside the pipe to detect and measure potential defects or changes. These inline inspections are one of our most important tools because most of the pipeline is buried and cannot be visually inspected. We are conducting baseline assessments of all the newly installed pipeline segments using inline inspections. Future inline inspections will be compared to these baseline assessments to determine if there have been any changes to the pipe's condition over time.



Edmonton Terminal, AB

Terminals

Trans Mountain owns 78 tanks located across terminals. As part of our regular maintenance program, our operators conduct daily inspections to confirm normal operation around tanks. We also visually inspect the exterior of our tanks monthly to check the tank foundation, shell, roof, leak detection and secondary containment systems. These inspections help identify early signs of potential tank problems. In addition, we complete both external (in-service) inspections at least every five years, and a comprehensive internal (out-of-service) inspection at intervals not exceeding 20 years.

Pump stations

Pump stations, located at various intervals along the pipeline, keep the oil flowing. To support the safe operation of the stations, they are continually monitored remotely and visited on-site regularly by operations personnel. Our pipeline must operate at varying pressures due to flow rate, product type and elevation. Our systems (Supervisory Control and Data Acquisition and other protective devices) maintain the pressures within safe operating limits and are monitored and controlled by our Control Centre operators in accordance with established procedures.

Monitoring vibration at pump stations

Experiencing some level of vibration is a normal part of the operation of rotating equipment, such as pumps. In 2024, we conducted screening-level vibration measurements at our new pump stations, as excessive vibration can be a driver of early failures. We will continue to monitor vibration levels at these pump stations and compare them against the baseline levels. This data helps us determine where to install bracing to minimize the risk of vibration-induced failure on equipment components.

Our pump stations are continually monitored remotely

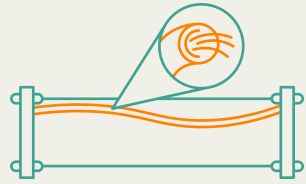
TERMINALS AND PUMP STATIONS – SPILLS AT FACILITIES

	2020	2021	2022	2023	2024
Reportable spills (number)	1	1	0	0	1
Volume of reportable spills (m³)	190	7	0	0	3

Reportable spills include spills reportable to authorities in the jurisdictions where we operate. These spills include oil or other substances. Note that reportable volume thresholds differ in each province. In 2024, we had one reportable spill at our Edmonton terminal where a pump seal had failed, resulting in a three m³ release of heavy oil into an engineered containment area. Cleanup has been completed, and the faulty seal was replaced.

Technologies to support pipeline integrity

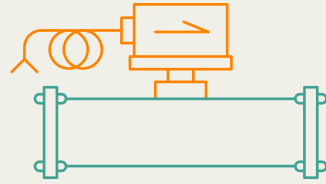
Our pipeline integrity program helps us detect and monitor small anomalies in the pipe before they pose a risk of failure. Technology, like the ones described below, can support earlier and more precise detection and help us increase the effectiveness of our program.



Pinpointing the location of potential leaks

Traditionally, pipeline leak detection is performed using a combination of sensor technology and mathematical calculations. Newer technologies, such as a specialized fibre optic cable, can improve leak detection timing and accuracy, and pinpoint the location of potential problems within metres.

We have installed a fibre optic sensing cable on or near the outside of the pipe along the expanded system. This cable will continuously monitor for potential leaks and will also monitor changes in vibration, temperature, ground movement, pipe strain and noise to identify areas where the pipe may be vulnerable. This real-time monitoring will help us intervene and respond quickly to areas of concern. The leak detection function of this system is expected to be operational in 2025 and the other monitoring functions are expected to be operational the following year.



Measuring flow rates

Measuring the flow rate of fluid through our systems can help detect potential leaks. If a flow rate reading downstream in the pipeline is lower than a reading upstream, it may mean that fluid is leaking from the pipeline.

In addition to conventional leak detection systems, we have installed ultrasonic flow meters at our Expansion Project pump stations. These meters use acoustic vibrations to measure the flow rate of the liquid.

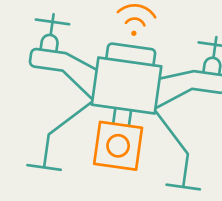
Although we have not experienced a leak along the pipeline right-of-way since 2013, we continually pursue improvements in leak detection.



Using artificial intelligence to predict corrosion

Accurately predicting the corrosion rate of our pipeline is important to help us plan for future corrosion assessments. If the corrosion rate used in these assessments is not accurate, this can trigger the need to conduct unnecessary and disruptive digs to assess the pipe's condition.

We are trialling the use of artificial intelligence (AI) to help us predict external corrosion on some pipeline joints. We use AI to analyze past corrosion dig data and inline inspection data. To evaluate the effectiveness of this technology, we compare AI data to existing corrosion rate prediction methods.



Monitoring ground movement

Ground movements, such as landslides or erosion, can potentially stress pipelines, leading to leaks or ruptures. By monitoring subtle ground movements, we can predict larger ground shifts before they occur.

We use light detection and ranging technology (LiDAR) to predict and monitor ground movements. LiDAR is mounted on aerial equipment and provides ground measurements by illuminating a target with a laser and analyzing the reflection.

We are able to integrate ground surface data from LiDAR with pipeline strain data from inline inspections. Combined, this data helps us correlate potential ground movements with areas of pipeline strain, improving our pipeline integrity decision-making.

Emergency preparedness and response

Our goal is to operate, manage and protect the pipeline system so no incidents occur. However, we have emergency response capabilities in place so we can respond quickly and effectively should an incident occur.

Emergency response capabilities

We train our own personnel to be our first responders, and engage communities affected by our operations (firefighters, emergency crews, suppliers and community organizations) in emergency preparedness. In the event of an emergency, we use an Incident Command System (ICS) to manage our response. ICS is an internationally recognized and standardized incident management system that integrates facilities, equipment, personnel, procedures and communications to successfully manage emergency situations. During line fill of the expanded system in 2024, we set up an Incident Command System to make sure we were prepared to respond to any issues or emergencies. Read more about Trans Mountain’s use of ICS, [here](#).

As part of our proactive approach to emergency response, we have equipment in place to respond to a variety of potential incidents across our operations, including:

Spills

We estimate our equipment requirements and establish geographic spill response plans by modelling releases along the pipeline. Equipment and personnel are strategically maintained along the pipeline to allow a rapid response.

Fires

Our terminals are equipped with specialized on-site firefighting equipment, such as storage tank fire suppression systems, to enable a rapid response in the event of a fire. At some of our remote pump stations where access to water is limited, we have installed water tanks. If the wildfire risk increases, we can fill up those tanks and have water on hand to protect our facilities.

Planned exercises

We aim to conduct at least one full-scale emergency exercise each year to test the real-time effectiveness of our response. Full-scale exercises involve the deployment of equipment and personnel and require the participation of community stakeholders and local emergency response organizations. Read about the full-scale exercise we conducted at Westridge Marine Terminal in 2024 on [page 27](#). Each year, we also complete approximately 20–30 emergency field and tabletop exercises to practise the components of our response plans, strategies and equipment in varying environmental conditions or to work through different emergency scenarios.

Unannounced exercises

As part of our fire preparedness, we conduct regular unannounced tank fire simulation exercises at our terminals. Unannounced exercises allow us to realistically assess both our own response capabilities and the mobilization time of our third-party responders. In 2024, we completed two of these unannounced exercises.

Responding to the Jasper, Alberta wildfires

Our pipeline is buried underground and the risk of damage to our pipeline from a wildfire is low. However, some of our other assets, such as pump stations and valve sites, are above ground and can be vulnerable to wildfire. As a result, we maintain specific fire protection equipment that can be deployed to protect these structures in the event of a wildfire.

In July 2024, Jasper National Park experienced multiple devastating wildfires. Our pipeline system runs through this national park, and one of the fires was in close proximity to one of our pump stations.

In response, we used our own structural protection equipment to suppress the surrounding fire and trucked in water to supply our sprinkler system and firefighting equipment to avoid placing additional strain on the public water supply, which emergency officials were relying on to protect the town of Jasper. As a result of our efforts, no Trans Mountain assets were damaged by the Jasper wildfires.

EMERGENCY RESPONSE EXERCISES					
	2020	2021	2022	2023	2024
Drills	22	18	17	21	19
Tabletop exercises	11	5	8	9	10
Full-scale exercises	1	3*	1	1	1
TOTAL	34	26	26	31	30

* Two exercises, plus our full-scale response to the BC floods.

Biodiversity, land and water stewardship

We see it as our responsibility to protect the land, water and ecosystems where we operate. Therefore, we conduct activities to be stewards of the environment near our operations and as we undertake reclamation and monitoring along the Expansion Project right-of-way.

During operations

We are committed to minimizing our impacts to the environment from our operations by:

1 | Protecting ecosystems through spill prevention

The pipeline crosses many protected areas, including recreational areas and parks such as Jasper National Park in Alberta and several provincial parks in British Columbia. We are committed to minimizing our impact to these sensitive areas by implementing a strong asset integrity program designed to prevent spills, and a rapid emergency response program that reduces impacts if a spill were to occur.

We plan to conduct post-construction environmental monitoring and field surveys for at least **five years**

2 | Understanding baseline conditions

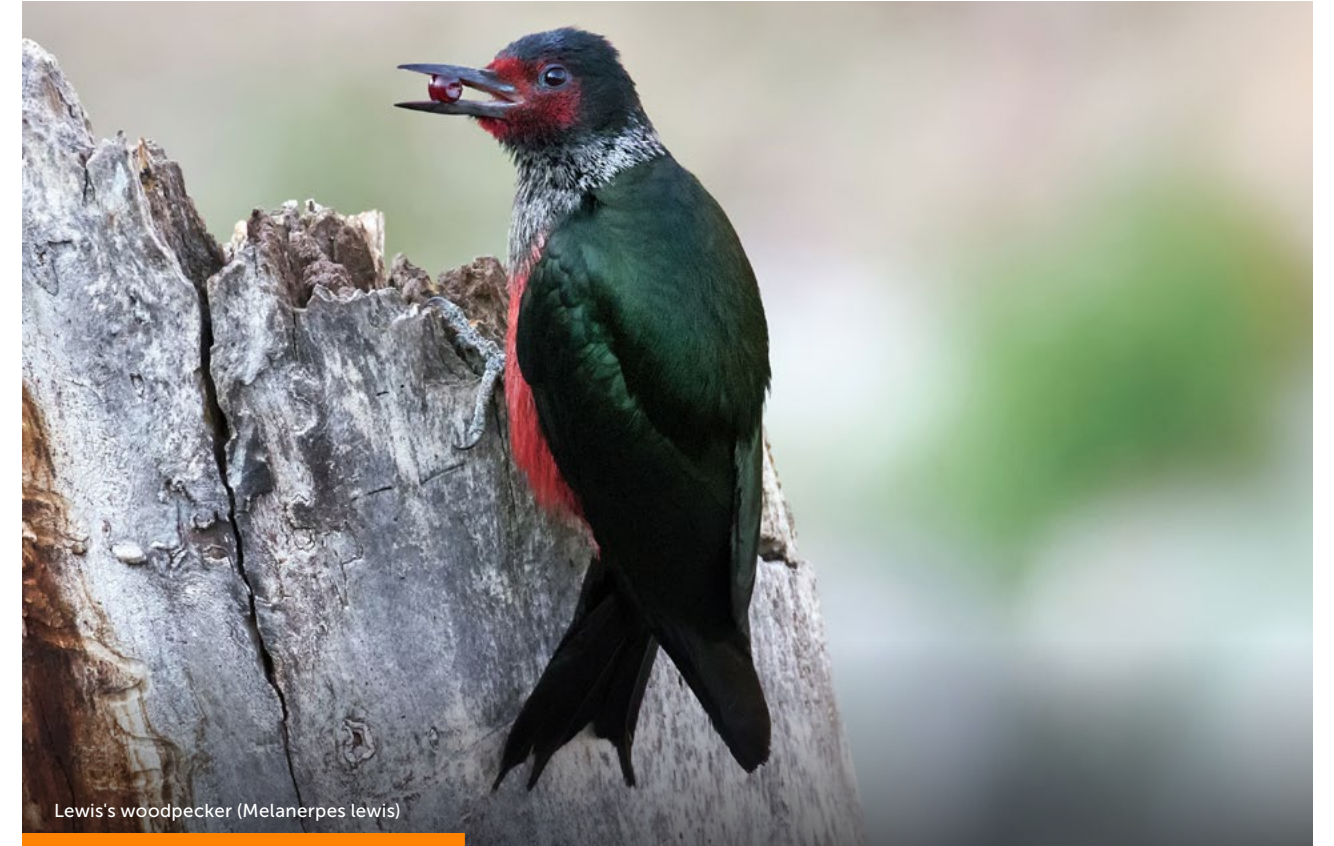
In preparation for the Expansion Project, our environmental teams conducted studies on a wide range of environmental features along our pipeline right-of-way, including studies of archaeology, plants, fish and wildlife. Baseline studies were used to develop detailed plans that informed environmental management strategies for construction on the Expansion Project, our reclamation efforts along the pipeline right-of-way and for continued operations.

Reclamation and post-construction environmental monitoring

We are committed to returning the environment impacted during construction of the Expansion Project to its equivalent function through reclamation activities. Additionally, we are conducting post-construction environmental monitoring to evaluate the mitigation and reclamation measures taken during construction. Some of these activities include:

1 | Re-establishing natural ecosystems through vegetation management

We mitigate our impacts to vegetation by reestablishing natural ecosystems similar to what was present pre-disturbance, or by developing a vegetative cover compatible with surrounding landscapes. In 2024, we continued our reclamation work by carrying out reforestation, riparian area plantings and native seed applications. We salvaged or propagated rare plants that could not be avoided during construction and are working to re-establish them now that construction is complete.



Lewis's woodpecker (Melanerpes lewis)

2 | Creating wildlife habitats

Damaged or dying trees can provide nesting or burrowing spaces for birds and other wildlife. These trees are referred to as wildlife trees. As part of our reclamation efforts, we have been creating wildlife tree habitats for species-at-risk, such as Lewis's woodpeckers and Williamson's sapsucker, by cutting or topping trees, in combination with fungal inoculation. As part of our post-construction environmental monitoring activities, we are monitoring these habitats to verify they are being used by wildlife.

3 | Conducting post-construction environmental monitoring

We plan to conduct post-construction environmental monitoring and field surveys for at least five years to evaluate the success of our reclamation work and mitigation measures. Through this monitoring, we will assess environmental aspects such as soils, vegetation, wetlands and wildlife, and implement corrective measures where needed.

Reclamation activities

Our goal during the Expansion Project was to protect the environment, minimize our impact, offset impacts by protecting similar species or habitats, and, after construction was complete, return the land to its equivalent function. Below is a snapshot of some of the activities we undertook to support the environment and wildlife habitat along our pipeline right-of-way.

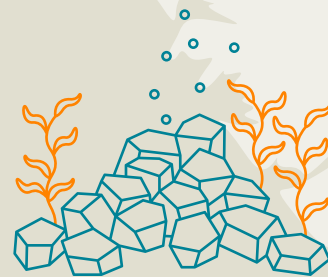


192

hours of post-construction environmental monitoring in 2024

\$500,000

provided in funding to the Pacific Salmon Foundation to assess construction impacts and post-construction reclamation activities

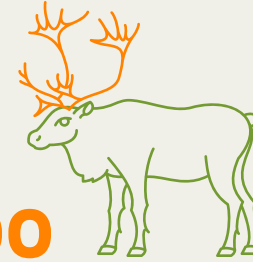


10,400 m²

rock reef complex installed at Westridge Marine Terminal to support marine life

\$200,000

provided to the Simpcw Resources Group as part of the North Thompson Caribou Access Project to support caribou habitat restoration



BRITISH COLUMBIA

KAMLOOPS

BURNABY SUMAS



\$1.3 million

provided to the Spotted Owl Population Management Program to support their conservation breeding and release program in British Columbia



149

wildlife tree habitats created

WASHINGTON

EDMONTON



~1.4 million
trees planted

ALBERTA



88

nest and den boxes installed for species at risk

Protecting heritage resources of Indigenous Peoples

Environmental stewardship is not solely about protecting the physical aspects of land; it is also about respecting the traditional use of the landscape and heritage resources.

Traditional use includes the historical use of the land and water by Indigenous communities, while heritage resources refer to objects, sites or locations of cultural, historical or archaeological significance to Indigenous groups and Canada. Below are some of the ways we demonstrate our respect of traditional use and heritage resources:

Indigenous monitoring program

During construction of the expanded system, Indigenous Monitors were an essential part of our Environmental Inspection team and helped us incorporate traditional knowledge into construction oversight and reduce impacts to traditional land use sites and heritage resources. To provide further opportunity to Indigenous Monitors who worked on the Expansion Project, we developed a bridging program to support Indigenous Monitors who are interested in becoming an Environmental Inspector. As of December 31, 2024, three Indigenous Monitors have successfully completed the bridging program and have transitioned to roles as Environmental Inspectors.

After construction, Indigenous Monitors support monitoring activities by sharing their observations on the reclamation success of environmental features with Environmental Specialists. Trans Mountain remains committed to incorporating Indigenous Monitoring into our operations and maintenance work to support the continued protection of Indigenous interests and resources.

Archaeological studies and artifact recovery

Archaeological sites tell a story of those who came before us, and help paint a picture of Indigenous culture, history and way of life. An important part of our work on the Expansion Project was protecting heritage resources uncovered along the Expansion Project by our archaeological program. Since 2016, as part of our work on the Expansion Project, we have invested more than \$106 million to support archaeological studies and conducted more than 80,000 shovel tests in areas identified as having the potential to contain heritage resources. These studies covered more than 67 million square metres across the Expansion Project.

Through this work, we have recovered more than 250,000 artifacts since 2016. In keeping with our agreements with local Indigenous communities, Trans Mountain has provided these artifacts to provincial and community-based repositories for safekeeping for future generations.



Trans Mountain Expansion Project Indigenous Monitor, Shawna Peters

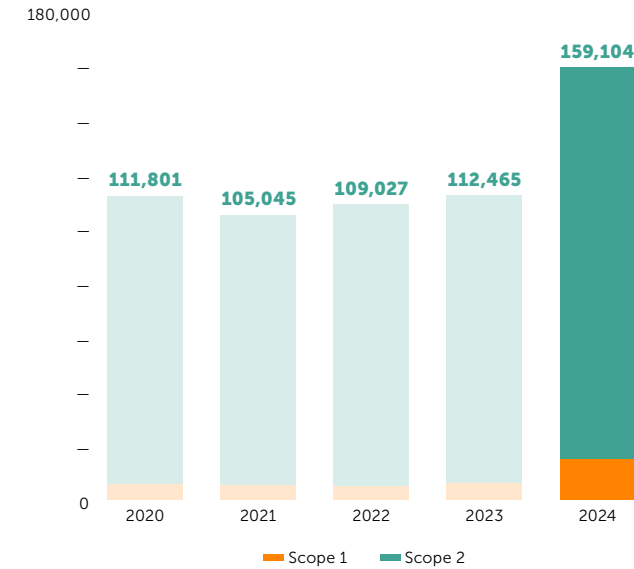
Greenhouse gas emissions

We track and manage the greenhouse gas (GHG) emissions generated by our daily operations. Most of our emissions are indirect (also known as Scope 2) since we use electrically driven pumps to move the fluid through the pipeline.

GHG emissions reduction plan

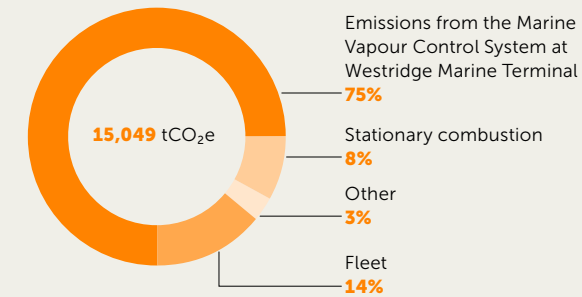
We support the Government of Canada's stated goal to be net zero by 2050 and have set our own targets to reduce the Scope 1 and Scope 2 emissions from the expanded system by 100,000 tonnes of carbon dioxide equivalent (CO₂e) by 2030, and to achieve net-zero Scope 1 and Scope 2 emissions by 2050. To meet these targets, we plan to implement existing system efficiencies and innovations, lower the carbon intensity of our energy consumption, and explore carbon credit and offset solutions. Read more on [page 24](#) of this report. To meet our targets, we plan to follow our [2022 Emissions Reduction Plan](#), which outlines our approach and the key strategies we will implement to become net zero by 2050.

GHG EMISSIONS SOURCES FROM OPERATIONS
tonnes of CO₂e



We have set a target to reduce our Scope 1 and Scope 2 emissions from the expanded system by **100,000 tonnes CO₂e** by 2030

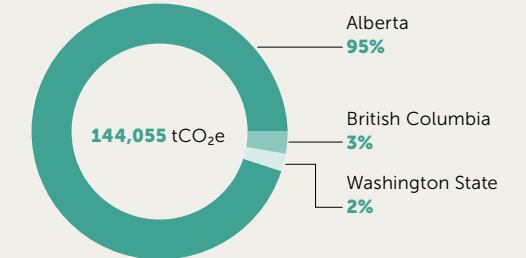
Scope 1 | 2024
Emissions by source



Scope 1
Emissions by source

The main source of our Scope 1 emissions is from the Marine Vapour Control System at Westridge Marine Terminal. These emissions are generated in the process of loading vessels. Read more about how we manage these emissions on [page 27](#). Our other significant sources of Scope 1 emissions are fleet vehicles and stationary combustion equipment (such as backup generators and fire pumps).

Scope 2 | 2024
Emissions by electricity generation location



Scope 2
Emissions by electricity generation location

The vast majority of our Scope 2 emissions are generated in Alberta. We source electricity from the grid. In Alberta, most electricity is generated from natural gas* while in British Columbia, most electricity is generated from hydroelectric power.

* <https://www.cer-rec.gc.ca/en/data-analysis/energy-markets/provincial-territorial-energy-profiles/provincial-territorial-energy-profiles-alberta.html>



Construction-related emissions offsets

Building a pipeline generates GHG emissions. As part of our regulatory approvals, we committed to offset the two main contributors to construction-related emissions: fuel used by vehicles and machinery during construction, and land clearing activities (specifically, areas permanently cleared along the pipeline easement). Construction of the Expansion Project generated approximately 1.1 million tonnes of CO₂e. Below is our approach to measuring and offsetting GHG emissions from the Expansion Project.

Assessing fuel consumption emissions

We estimated our GHG emissions from fuel consumption using the methodology outlined in the National Inventory Report 1990–2017: Greenhouse Gas Sources and Sinks in Canada from ECCC (2019).² GHG emissions from fuel consumption were assessed based on fuel type and class of vehicle or fuel purpose, both of which were used to select the appropriate emission factors for fuel combustion.

Estimating impacts from land clearing activities

We estimated our GHG emissions from land clearing using the Canadian Forest Sector's *Carbon Budget Model*³, a forest carbon modeling framework used to simulate all forest carbon stocks required under the international GHG reporting standards set by United Nations Framework Convention on Climate Change (UNFCCC) and the Kyoto Protocol.

To place the new pipeline under the ground, we had to remove grasses, trees and shrubs. There are emissions associated with removing trees because they store carbon. Some of this vegetation has been or will be restored to its original nature and some will be replaced with grasses to leave an adequate right-of-way to access the pipeline. These activities will reduce the impact on the environment.

Committing to offset GHG emissions

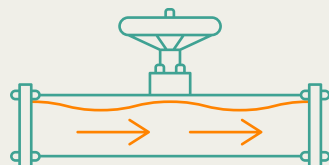
We are committed to offsetting the GHG emissions generated by construction of the Expansion Project in Alberta and British Columbia through the purchase of high-quality offsets. These offsets compensate for Project emissions through measurable emissions reductions elsewhere that are verified by independent third parties. Read more about our progress in offsetting our construction-related GHG emissions on the [next page](#).

² https://publications.gc.ca/collections/collection_2019/eccc/En81-4-2017-3-eng.pdf

³ CBM-CFS3; Kull et al., 2016

Making progress on emissions reductions

We believe that we must take an active role in helping Canada meet its climate goals. Our [2022 Emissions Reduction Plan](#) outlines our targets, approach to and the key strategies we may take to be net zero (Scope 1 and 2) by 2050. Some of the progress we made in 2024 on our emissions reductions strategies include:



Implementing efficiencies and innovations

Operational efficiency and GHG-reduction technology will play an important role in meeting our targets. We regularly evaluate technology that could help us meet our emissions-reduction goals.

What we have done:

The newer expanded line requires fewer pump stations and has a larger pipeline diameter than the existing pipeline. Under its current configuration, it uses less energy to move product through our system and has therefore reduced our Scope 2 GHG emissions per unit of throughput.

We also began operating our new Marine Vapour Control System at Westridge Marine Terminal, further reducing the emissions associated with vessel loading. Read more on [page 27](#).

What's next:

We will continue to work to identify feasible emission reduction initiatives for our operations.



Decarbonizing our energy consumption

At this point, we are focused on exploring opportunities to reduce our Scope 1 emissions from purchased fuel.

The vast majority of our Scope 2 GHG emissions are from the use of electricity in Alberta. While the GHG intensity of Alberta's grid continues to decline, we are also taking further steps to reach our decarbonization goals.

What we have done:

In 2024, we purchased three electric fleet vehicles as part of a pilot project. This purchase will help us evaluate the feasibility of electrifying our vehicle fleet thereby reducing our Scope 1 emissions.

What's next:

We will evaluate the emissions reduction impact and operational effectiveness of using electric vehicles. If the project is successful, we will explore opportunities to further expand our electric vehicle fleet.

We also plan to explore procuring renewable power from sources such as wind, solar and hydro facilities using virtual power purchase agreements.



Exploring carbon credit and offset solutions

Our priority is to reduce Scope 1 and 2 emissions from our regular operations through direct actions.

However, we have committed to offsetting GHG emissions associated with the construction of the Expansion Project through the purchase of Canadian offsets.

What we have done:

In 2024, our Expansion Project Emissions Offset Plan was approved by the Canada Energy Regulator. This plan outlines our approach and timeline for purchasing high-quality offsets related to the Expansion Project. Our plan also outlines the criteria for these offsets, which includes considerations such as availability, cost, Indigenous benefits and proximity of the offset project to the communities near our operations.

What's next:

We are evaluating available offsets and will make purchases aligned with our approved plan criteria.

Air quality

Our main sources of non-GHG emissions are tank venting at terminals and fugitive emissions. We monitor our air emissions and work with the public to resolve any complaints or concerns about air quality and odours. Air emissions metrics from our terminals can be found in the performance table (see [page 60](#)).

Terminal air quality monitoring

Ambient air quality monitoring programs monitor the combined effect of air emissions from our terminals and other nearby emissions sources, including other pollutants unrelated to our operations but common to the airshed. To support airshed air quality monitoring, we have installed new air monitoring systems at our Westridge Marine Terminal, and at our Edmonton, Burnaby and Sumas Terminals. Each station measures its own performance and provides an alert if an air pollutant exceeds normal levels.

Public ambient air quality monitoring reporting is available online for our Westridge Marine Terminal and our Edmonton, Burnaby and Sumas Terminals. Members of the public can access the reporting tool [here](#) (for Westridge, Burnaby and Sumas) and [here](#) (for Edmonton) to view current and past air quality conditions.

Fugitive emissions

Fugitive emissions are unintended gas or vapour releases from industrial processes or equipment, such as tanks, and can contribute to air pollution. To detect and monitor potential sources of fugitive emissions, we conduct annual surveys at our Edmonton, Sumas and Burnaby Terminals and at Westridge Marine Terminal, and we survey each pump station across the pipeline system once every three years. During these surveys, we scan equipment components with an infrared camera to detect hydrocarbon vapour leaks, which are our primary potential source of fugitive emissions. If we detect a leak, the source is physically tagged, the emissions are measured and documented, and the repair is scheduled.

Odour management

We work to minimize odours resulting from our operations. Where appropriate, we use technology such as scrubber systems and tank vapour absorption units to control odours. The public can report odour-related concerns through our toll-free 24-hour emergency line. When a concern is raised, a field technician is dispatched to identify the source of the issue. If the concern is found to be related to our operations, we determine if corrective actions are required, and if so, we devise a plan to correct the issue. The member of the public who reported the concern receives an update on the source of the odour and is advised of any corrective actions that we have taken.



Westridge Marine Terminal, BC

Responsibility in marine terminal operations

Westridge Marine Terminal in Burnaby, British Columbia, receives third-party vessels (tankers or barges) that either export oil products from our pipeline or import jet fuel from offshore. While the number of vessels handled each month fluctuates depending on market conditions, our expanded terminal has been receiving approximately 21 Aframax tankers each month.

Westridge Marine Terminal features a three-berth dock complex and a utility dock for mooring tugs, boom boats and emergency response vessels. Our pipeline's nominal capacity is 890,000 barrels per day and Westridge Marine Terminal can export up to 630,000 barrels per day. This volume is equivalent to loading up to 34 partially laden Aframax class vessels per month.

Although we do not own or operate any of the vessels calling at Westridge Marine Terminal, we believe we can play a role in encouraging safe marine shipping. In addition to operating our terminal safely and responsibly, we have systems to verify the vessels calling at our terminal are in good physical condition, are properly maintained and follow international standards for marine operations. The next few pages explain how we approach safety, environmental protection, emergency readiness and community relations at Westridge Marine Terminal.

Responsibly operating our marine terminal

Westridge Marine Terminal has a long record of safe and reliable operations. We work to operate our terminal in accordance with regulations established by the Canada Energy Regulator, Transport Canada, other regulatory organizations and in line with industry best practices. The following activities help us manage the direct impacts of our terminal operations:

1 | Preventing spills during vessel loading

We have been safely loading third-party vessels with crude oil at Westridge Marine Terminal since 1956. Third-party vessels calling at Westridge Marine Terminal must pass various inspections and meet the strict regulations established by the International Maritime Organization, in addition to our own standards.

At any given time, there is only a small amount of oil in the terminal piping and the integrity of such piping is regularly checked as part of our pipeline asset integrity program. For oil transfers between the terminal and vessels, we plan and carefully manage this procedure applying international best practices, under the close supervision of our operators, our Marine Interface Supervisor and the vessel officers and crew. We take special efforts to prevent any oil that might enter the water from spreading over a larger area by deploying an operational oil spill boom (i.e., a containment barrier) surrounding every tanker during loading.



The K.J. Gardner, Canada's largest spill response vessel, arrives at Beecher Bay, BC

Canada's largest spill response vessel arrives at its permanent home

In a competitive process facilitated by Trans Mountain on behalf of pipeline shippers in 2021, KOTUG Canada was awarded the long-term contract for escort towage services for tankers loading crude oil at Westridge Marine Terminal.

KOTUG also partnered with Western Canada Marine Response Corporation (WCMRC) in 2021 to supply and operate a dedicated offshore supply vessel, equipped for 24/7 spill response. KOTUG Canada is operating this vessel, which is the largest spill response vessel in Canada, with support from the Sc'ianew First Nation.

In February 2024, the vessel arrived at its permanent home in Beecher Bay, BC, where it was greeted by members of the Nation who performed drumming and held a blanket ceremony. The ongoing operations of both the WCMRC and KOTUG will be funded through fees paid by shippers (who use Westridge Marine Terminal and other docks along Canada's West Coast).



Workers participate in a full-scale emergency exercise

Testing our spill response

We regularly conduct emergency response exercises to help us hone our response skills and identify areas for improvement. In 2024, we completed a full-scale emergency exercise of a simulated spill at Westridge Marine Terminal.

A full-scale emergency exercise involves multiple agencies and jurisdictions working together to mobilize personnel, equipment and resources as if a real incident had occurred. As a part of this exercise, an off-site incident command post was established with more than 200 participants,

observers and representatives from 20 response agencies working together to conduct a coordinated and effective response. We deployed emergency equipment in Burrard Inlet, including Trans Mountain's secondary containment boom, response boats, decontamination equipment and skimmers.

While our aim is to never have to use our emergency response plans, conducting full-scale emergency exercises helps us verify we are prepared to respond to an emergency in a prompt and effective manner.

2 | Planning for terminal emergencies

All our employees are trained in safety and emergency response procedures. We perform regular field testing of our Westridge-specific emergency response plans, which include fire response plans and response measures for spills on land or in the marine environment. Read more about our full-scale emergency exercise we performed in 2024 in the sidebar.

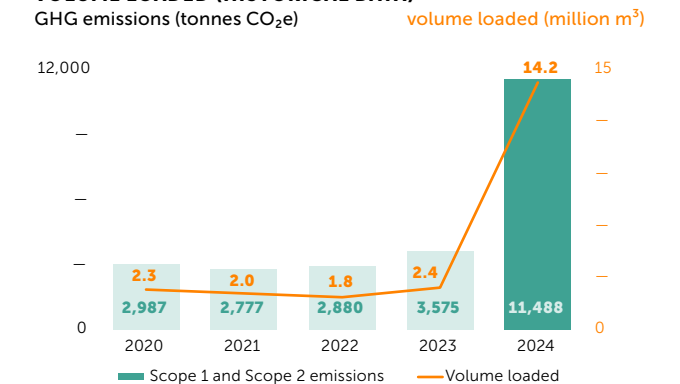
We have oil spill response assets in place in the event of a spill, and fire suppression systems in place, which include a saltwater pump, foam blanket and a 'fire shield' water curtain to shield personnel and terminal assets from fire. In the event of a vessel fire, we have an emergency response system with automatic mooring hooks to release the vessel, raise the gangway and deploy the water curtain.

3 | Managing vapour emissions

The process of filling a marine vessel with oil leads to the generation and displacement of hydrocarbon vapours or gases from within the vessel's cargo tanks. As a direct release of those gases into the atmosphere would be detrimental, we capture and destroy them in our vapour management system. As part of the expansion at Westridge Marine Terminal, we installed a new Marine Vapour Control System. This system is designed to condense vapours back into hydrocarbon liquid and reinject it into the vessel loading delivery line.

We are taking steps to understand noise-related impacts from the use of the Marine Vapour Control System. We have noise monitoring systems in place inside the terminal and at nearby homes. We continue to work with residents who live near Westridge Marine Terminal to address any issues related to our operations and the use of this system.

WESTRIDGE MARINE TERMINAL GHG EMISSIONS VS. VOLUME LOADED (HISTORICAL DATA)



GHG emissions from Westridge Marine Terminal fluctuate with the volume of product we load onto vessels each year. The rise in emissions in 2024 reflects increased operations at Westridge Marine Terminal.

Supporting the marine community

Our pipeline and terminal play a crucial role in connecting Canadian producers with customers across the globe. In addition to our commitment to the safe transportation of product through our system, we are advocates for safety and enhanced environmental protection in the marine community. Some of our activities supporting safe marine traffic are:

4 | Verifying vessel requirements

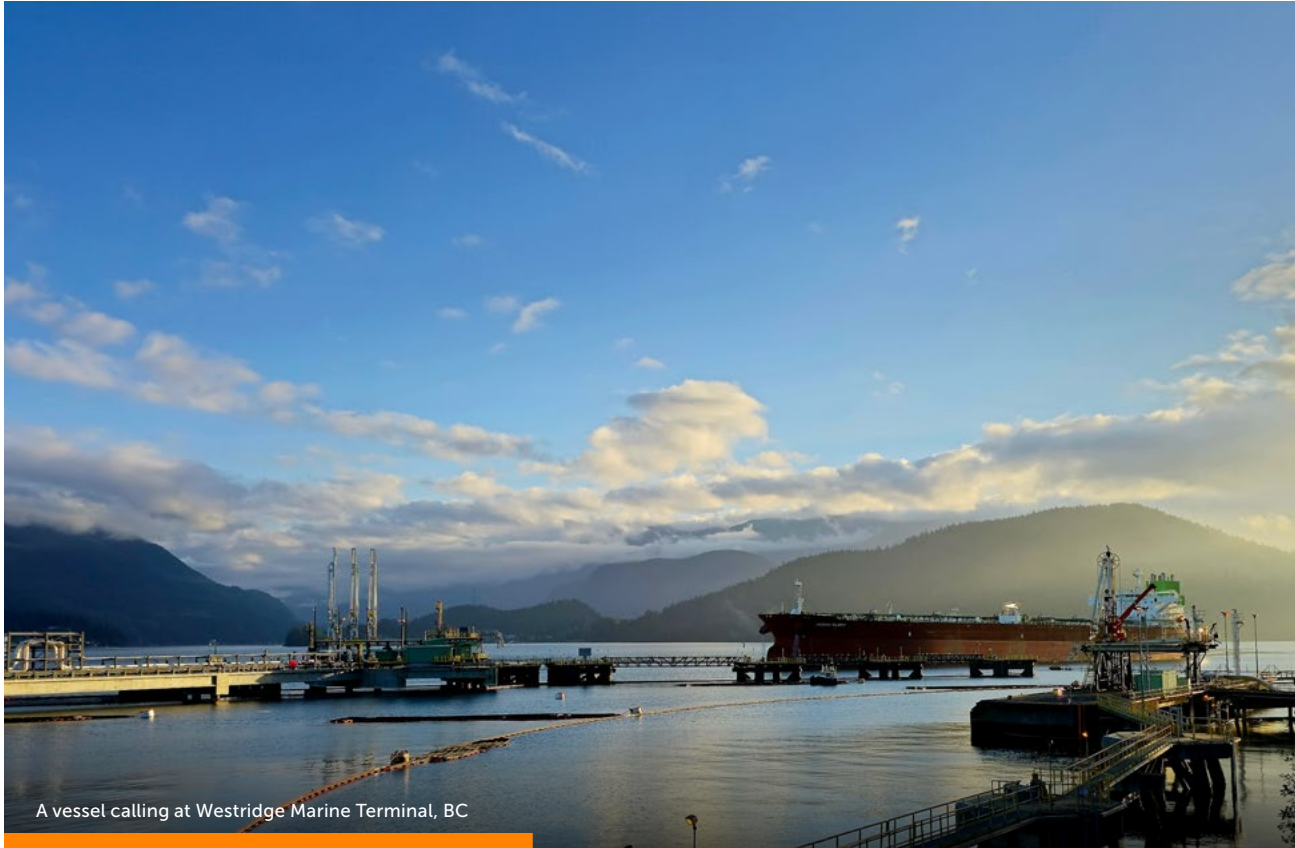
Spillage of oil from a tanker is the ship owner’s responsibility, as stipulated by the *Canada Shipping Act* and Trans Mountain is only responsible for spills and releases from our pipelines or facilities, including Westridge Marine Terminal. However, we recognize concerns about oil spills in marine waters and have taken active steps to contribute to marine safety and spill prevention and response. Our [Vessel Acceptance Standard](#) outlines the criteria vessels must meet before they can call at our marine terminal. All vessels undergo pre-screening before arrival to confirm criteria such as age, design, crew, vessel certificates and operating history meet our Standard. We use a terminal management system software to facilitate vessel pre-screening and pre-arrival. Our Marine Interface Supervisor then conducts a physical inspection of the vessel prior to loading to verify the information provided through the software is accurate and the vessel and crew are prepared to load safely.

5 | Expanding tug escort routes

We have helped to improve tug use and escort procedures for tankers by financing studies and funding training programs for marine pilots and tug masters who take each vessel through Canadian waters and to and from berths at Westridge Marine Terminal. We require a tug escort for all partially laden tankers between our terminal to the western entrance to the Juan de Fuca Strait, near the 12-nautical mile limit of Canada’s territorial sea, and local Canadian marine pilots are required to be on board each vessel as it enters and departs our terminal. To support marine safety in local waters, at our request, the Pacific Pilotage Authority agreed to extend the distance the pilots must be onboard after leaving our terminal. Pilots now disembark via helicopter off the south coast of Vancouver Island near Race Rocks once vessels have cleared the last traffic circle where US and Canadian traffic merge enroute to the Ocean. Read more about these requirements in the [Westridge Marine Terminal Regulations and Operations Guide](#).

6 | Protecting marine life and biodiversity

Trans Mountain shares concerns about the health and safety of marine mammals in the Salish Sea. We are committed to working with industry and stakeholders to reduce and mitigate shipping impacts on marine mammals, particularly the Southern Resident killer whale (SRKW—species at risk). Our marine mammal protection program, developed in consultation with Indigenous groups, shippers and marine regime stakeholders, outlines our approach to supporting mitigation measures that address risks to whales, including availability to prey, ocean pollution and disturbance from human activities, such as marine shipping impacts.



A vessel calling at Westridge Marine Terminal, BC

During vessel acceptance, Trans Mountain reviews several items directly related to the safety and well-being of marine mammals. For example, each vessel is requested to obtain a copy of the Mariner’s Guide to Whales, Dolphins and Porpoises of Western Canada and to become aware of the reporting requirements for mammals in the area. We also require vessels to submit data on hull and propeller cleaning to reduce underwater noise caused by excessive fouling and we encourage vessels to participate in seasonal speed reductions in route sections with a higher prevalence of orcas.

Throughout construction at Westridge Marine Terminal, we provided semi-annual updates to community members on marine spill response enhancements, commitments, conditions and Indigenous engagement through our Marine Progress Report. In 2024, we released our [final report](#) outlining the work completed to meet our key marine commitments and conditions related to the Expansion Project.

Social

Doing the **right** thing for each other and our communities

RELATED SDGS



PICTURED

Worker at Burnaby Terminal, BC

Employee and contractor safety

Protecting the health and safety of our employees, contractors and the public is of fundamental importance to us at Trans Mountain. With more than 700 employees and 500 individual contractors working directly with, or on behalf of, Trans Mountain, this is a critical and ongoing mission.

We regularly update our safety programs to reflect industry best practices and learnings from internal incident reviews and worker surveys. We have developed a three-year safety strategy focused on key priorities that include promoting a strong safety culture, enhancing field safety leadership, preventing serious injuries and fatalities and improving contractor management and oversight. These priorities will guide our new safety initiatives over the coming years.

Safety culture

We encourage all employees and contractors to take ownership of safety and align with our safety culture and expectations. One of the ways we promote good safety behaviours is our safety recognition program, which includes all employees and contractors across Trans Mountain. The program allows workers to be recognized for good performance related to our safety program, rules and standards, or for positively impacting local safety performance and culture within their teams. In 2024, we expanded the program by introducing on-the-spot recognition opportunities for employees, where we provide a recognition card in the moment when safe work behaviours are identified that the employee can later redeem for items through our corporate recognition program.

We also recognize our third-party contractors at an annual awards ceremony. At this ceremony, we present three contractor safety awards—best overall, most improved and best safety innovation—to the contractor’s leadership team. In 2024, we also visited each award recipient’s business to present the award, allowing both the contractor’s leadership team and their employees to take part in the celebration and recognition of their safety performance.

Visible safety leadership

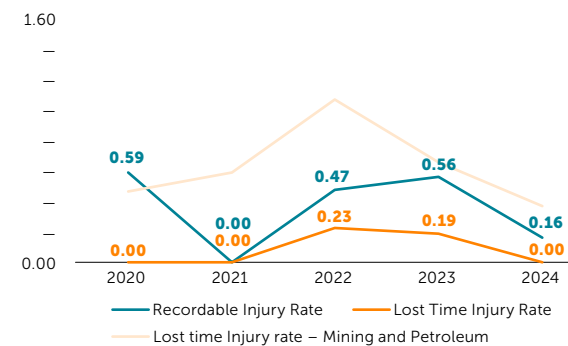
We believe leaders who are focused on safety help reinforce good work practices and emphasize the importance of safe work. We aim to have strong leadership visibility across our field operations. Our senior leaders (directors and above) completed 223 safety visits in 2024. During field safety visits, our senior leaders interact with workers, discuss safety procedures and identify what is working well and what can be improved.

We also provide opportunities for leaders to hone their safety management skills. In 2024, we introduced safety leadership development training for field supervisors and other roles responsible for safety supervision and oversight. This two-day training covers topics such as worker competency, safe work execution, job planning and the identification and resolution of performance issues. We delivered two safety leadership sessions in 2024 where we trained 45 employees, and we plan to deliver the training to remaining field supervisors and other applicable leaders in 2025.



EMPLOYEE INJURY RATES

injuries per 200,000 hours worked

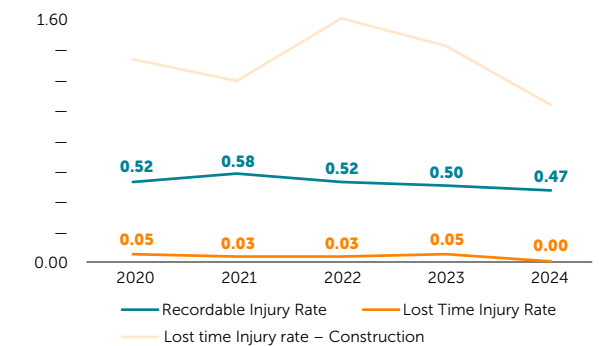


Our lost-time employee injury rates are consistently lower than the provincial rates for mining and petroleum. Across our operations, we experienced zero lost-time employee injuries in 2024.

Benchmark: [Workplace injury, illness and fatality statistics, Provincial summary 2023](#). Accessed April 28, 2025. Data shown lags by one year.

CONTRACTOR INJURY RATES

injuries per 200,000 hours worked



Our lost-time injury rates for contractors are consistently lower than the provincial rates for the construction industry. Across our operations, we experienced zero lost-time contractor injuries in 2024.

Benchmark: [Workplace injury, illness and fatality statistics, Provincial summary 2023](#). Accessed April 28, 2025. Data shown lags by one year.



Serious injury and fatality prevention

We place particular emphasis on preventing serious injuries and fatalities (SIF) across our operations. To help us understand our highest risk activities across our operation, we track and analyze any SIF incidents and near misses. We then identify and implement mitigation strategies to support worker safety during these activities.

We use Energy Safety Canada's Life Saving Rules, which are concise, easy-to-remember rules aimed at preventing serious injuries and fatalities. They remind workers of the most hazardous work situations in our industry (heights, confined spaces, hot work, line of fire, energy isolation and driving) and set mandatory expectations for having a work authorization, respecting safety controls and being fit for duty. In addition to these rules, we have added our own company-specific rule focused on damage prevention. These rules have been embedded into all our safety standards and processes, and we provide corporate-wide online training to reinforce the program's importance.

Contractor safety management and oversight

During the Expansion Project, we placed a significant emphasis on contractor management and oversight. We are carrying that diligence forward by equipping our field inspectors, supervisors, and environment, health and safety support personnel with the training and tools to verify contractors are following safe work practices. As part of our contractor management and oversight, we:

- Require transparent, prompt and accurate reporting of incidents and near misses, and share investigation outcomes and learnings to prevent future incidents.
- Conducted training in 2024 on proactive injury management and reporting with our field supervisors as well as select contractors.
- Have a safety portal for our field contractors, enabling contractors to access our safety information quickly and easily while in the field.
- Increased the frequency of contractor safety inspections by Trans Mountain employees in 2024.

Inclusion, diversity, equity and accessibility

We strive to create a work environment that is supportive of all employees and contractors and aligns with our core values of safety, integrity, respect and excellence. By identifying opportunities related to inclusion, diversity, equity and accessibility and by providing training and wellness support, we aim to foster all employees’ full participation at work.

Our approach to an inclusive workplace

We are working to further embed inclusion, diversity, equity and accessibility (IDEA) as part of our culture. Our efforts are guided by our [IDEA Commitment Statement](#), which outlines our pledge to cultivate an environment where everyone thrives, contributes and belongs. We focus on:

Supporting an accessible workplace

In line with the *Accessible Canada Act*, we published our first [Accessibility Plan](#) in 2022, and we continue to identify and address barriers to accessibility throughout our organization. In 2024, we focused on increasing our employees’ awareness of disability and accessibility—read more about our awareness and educational activities on the [next page](#).

We also published our 2024 Accessibility Plan Progress Report, outlining the actions we took to support accessibility during the year and how we plan to advance accessibility in our workplace in the future. Read our latest report [here](#).

Increasing representation

We aim to increase the representation of four designated groups: women, Indigenous People, persons with disabilities and members of racialized groups. Our Canadian employees complete a confidential workplace survey to self-identify their group membership. We use this survey data as part of an annual employment equity report, which details the representation of these designated groups, as well as rates of hiring, promotions and terminations. This information helps us understand the composition of our workforce and develop targeted programs to increase representation.

Advancing pay equity

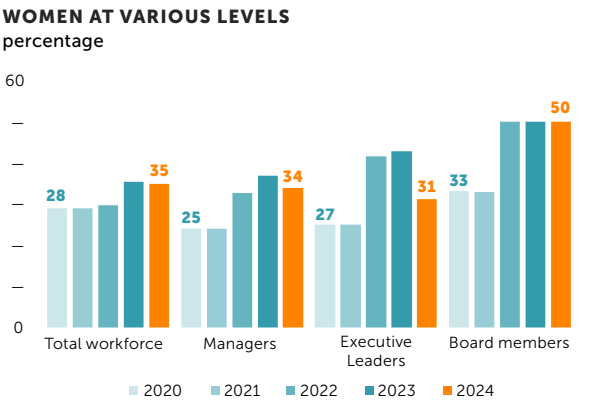
As a federally regulated employer, Trans Mountain is subject to the requirements of the federal *Pay Equity Act*. In 2024, we completed our inaugural Pay Equity Plan. As part of the pay equity actions identified in our Plan, we updated our compensation structure to address pay gaps across job classes, which supports equal pay for equal work across the organization.



DESIGNATED GROUPS	2020	2021	2022	2023	2024
Indigenous people	1.8%	2.7%	3.5%	4.5%	4.5%
Persons with disabilities	0.3%	1.1%	0.8%	1.1%	1.1%
Members of racialized groups	13.8%	15.3%	13.5%	18.9%	18.7%
Women	29.0%	29.0%	29.8%	35.4%	34.9%

Employee-only data. Percentages are based on self-disclosed data.

Our workforce has almost doubled since 2020, and we have either maintained or increased representation across all designated groups. Notably, we have seen a significant increase in Indigenous representation within our employee workforce.



We aim to increase the representation of women across our company, particularly in leadership roles. While the percentage of women in our workforce and in managerial positions has increased since 2020, we continue to explore ways to improve our workforce practices to support representation.



Matt Corkum, PhD, who held a workshop for Trans Mountain called "Walk a Mile in My Shaky Shoes: Disability Inclusion in the Workplace"

Hosting conversations about accessibility

We are committed to creating an accessible and welcoming environment for our employees, customers and community members. To advance our employees' understanding of accessibility, we provide various learning opportunities throughout the year.

One example of a learning opportunity was a workshop we held in October called "Walk a Mile in My Shaky Shoes: Disability Inclusion in the Workplace."

Our guest speaker, Matt Corkum, PhD, a senior energy leader, shared his journey on living with cerebral palsy with more than 200 Trans Mountain employees. As a passionate disability advocate, Matt emphasized how we all can contribute to a culture of accessibility and inclusion. Key takeaways from the event included recognizing biases towards persons with disabilities and the importance of including people with disabilities in conversations about accessibility and inclusion.

Inclusion training and awareness

We provide opportunities for our employees to learn about and discuss harassment, discrimination, unconscious bias and mental wellness. Doing so raises awareness on these topics and how they impact the development of an inclusive and supportive workplace. Below are some of the training and awareness activities we offered in 2024:

Promoting accessibility

We believe that providing employees with opportunities to learn about disability helps to support our commitment to advancing accessibility. In 2024, we offered two sessions for employees to learn about the lived experiences of people with disabilities and how we can foster a more accessible environment at Trans Mountain (read more about one of these sessions in the sidebar). We also provided training to our Human Resources team focused on exploring misconceptions of disabilities, examining unconscious biases that can impact hiring practices and finding ways to support disability inclusion and accessibility during the hiring process.

Supporting women in the workplace

We regularly provide opportunities for employees to share their lived experiences and to hear from speakers with a diverse perspective. On International Women's Day in 2024, we hosted a company-wide event titled "How Will You Inspire Inclusion" featuring Lia Grimanis, CEO of Up With Women. Lia shared her insights on inclusion as an executive leader and autistic woman and discussed ways to create a more inclusive workplace. Trans Mountain leaders also shared reflections on women in their lives who have inspired them.

Preventing harassment and violence

Our Harassment and Violence Prevention Policy reinforces our commitment to a work environment free from harassment, bullying, discrimination and violence. Training is provided to new employees within three months of starting employment as part of on-boarding. All employees are required to complete this training at least once every three years. We have a subcommittee responsible for reviewing and addressing any harassment and violence issues and related actions on an ongoing basis.

Supporting mental health and wellness

We want our employees to bring their whole, best selves to work. To support this, we provide our employees with access to programs and resources that promote psychological and physical well-being at work. We maintain a Wellness Hub, an online portal that gathers and consolidates resources to support physical, psychological, financial and social wellness. In 2024, we added new telemedicine services to our Wellness Hub, including 24/7 virtual care options and the ability for employees to connect directly with a nurse or physician to discuss their health concerns. Throughout the year, we also offered several wellness education sessions on topics that included mental health awareness, stress management during the holiday season and financial wellness.

We recognize the devastating impact that the Jasper wildfires had on our employees living and working in the Jasper area. We connected our employees and contractors and their families who were affected by the wildfires with counsellors to support their mental health.

Our approach to Indigenous culture and history

We are committed to building and maintaining a workforce that embraces diversity, cultural awareness and inclusion. We seek to provide everyone at Trans Mountain the opportunity to enhance their understanding of Indigenous culture and history in order to advance their journey toward reconciliation. Our efforts include:

Enhancing our cultural awareness

The goals of our Indigenous cultural awareness training course—The Journey from Competency to Cultural Safety—are to create an awareness and understanding of our own bias and beliefs, to understand Indigenous culture and to foster a non-discriminatory workforce. The course covers the foundations of cultural awareness, the ability to commit to cultural safety, Canada’s historical and changing relationship with Indigenous Peoples, and the calls to action and human rights as they relate to Canada’s Truth and Reconciliation Commission and the United Nations Declaration on the Rights of Indigenous Peoples. In 2024, we added a knowledge evaluation component to the training to learn how employees have advanced their understanding of Indigenous culture from the course. The course will continue to be mandatory for all new employees, and existing employees will be required to complete an annual refresher course.



Workers in our Calgary, AB office with a traditional knowledge keeper from Tk'emlúps te Secwépemc

Celebrating Indigenous history

In honour of National Indigenous History Month, we shared weekly articles with employees to celebrate First Nations, Métis and Inuit history, diversity, culture and resiliency across the country. We hosted a presentation for Trans Mountain employees to learn more about the representation of Indigenous Peoples in pop culture and the impact these stories have on reconciliation.

Reflecting on reconciliation and colonialism

In recognition of the National Day for Truth and Reconciliation (September 30), we held an employee session featuring a traditional knowledge keeper from Tk'emlúps te Secwépemc to learn more about insights following the findings at the Kamloops Residential School in 2021.

To acknowledge the long-term impacts of the residential schools in Canada and to honour the survivors and their communities, we also participated in Orange Shirt Day across Trans Mountain. We provided stories and resources and encouraged colleagues to wear orange shirts purchased through the Orange Shirt Society, a non-profit organization based in Williams Lake, BC, where Orange Shirt Day began in 2013.

Understanding and expressing land acknowledgments

Land acknowledgments can be found in Indigenous tradition and protocol, as a way for individuals to show their respect and express gratitude for a community or place. Acknowledging Indigenous Peoples and their traditional lands is an expression of respect and an act of reconciliation. It recognizes the past, present and future of a particular location, and our efforts to further understand our own place within that history. Land acknowledgments are a vital part of conducting our business in a culturally appropriate way. We have installed land acknowledgment plaques at our facilities and offices to formally recognize the unique relationship between Indigenous Peoples and their traditional territories. We have adopted a Land Acknowledgment Policy and have provided training to our employees and contractors to help them understand and implement the policy. In 2024, we updated our land acknowledgment guide to provide team members with additional tools to improve the land acknowledgments that they share, including updated maps of Nations across Canada and a pronunciation guide for First Nations and Indigenous community names.

Relationships with Indigenous communities

Trans Mountain respects the values, culture and rights of Indigenous Peoples within whose territory we operate, and we have formed relationships with numerous Indigenous communities and groups.

In Alberta, the existing pipeline system spans the traditional territories of Treaty 6, Treaty 8 and the Métis Nation of Alberta Districts 7–11. In British Columbia, the system crosses many traditional territories and 15 First Nation reserves.

For more than 17 years we have been contributing to Indigenous business development, employment, education, capacity building and creating legacies for Indigenous communities in Western Canada. The following are some of the ways we strive to build strong relationships and provide long-term benefits for Indigenous communities.

4,650
points of engagement
with Indigenous
communities in 2024

Reconciliation Action Plan

Reconciliation with Indigenous Peoples requires ongoing dialogue and collaboration among governments, businesses, communities and individuals. Trans Mountain is playing a role by working to develop lasting and respectful relationships and improving economic opportunities for Indigenous communities. In 2024, we released our inaugural [Reconciliation Action Plan](#). This plan is built on our long-term commitment to respectful partnerships with Indigenous Peoples along our pipeline and marine corridor. We developed this plan based on insights and feedback from Indigenous communities and individuals, as shared in our [What We Heard Report](#). It outlines our reconciliation commitments focused under six pillars: governance, education, employment, community engagement, economic empowerment, and environmental and social impacts. A key commitment under the governance pillar is the creation of an External Indigenous Advisory Council with a mandate to provide advice to our leadership team and guide reconciliation efforts. We plan to establish this council in 2025.

Intentional engagement

We seek to meaningfully engage with Indigenous people and their communities, tailoring our engagement to respect each community's diverse needs, governance principles and protocols. Our approach to engagement is to come from a place of openness and respect, to share mutual benefits and work toward mutual understanding.



Sc'ianew First Nation drumming ceremony in Beecher Bay, BC

The Expansion Project presented an important opportunity for extensive engagement with and procurement from Indigenous communities along our pipeline and marine corridor. Our engagement efforts in 2024 included more than 150 Indigenous communities and groups recording 4,650 points of engagement (meetings, open houses and informal conversations). Now that the expanded system is operational and construction is complete, the scope and nature of our engagement will change; however, Trans Mountain will continue to foster relationships with Indigenous Peoples and communities.

In 2024, Trans Mountain was selected as one of the recipients for the Government of Canada's Employment Equity Achievement Awards for Indigenous Reconciliation. This award recognizes our efforts towards reconciliation in 2022—the time period for the award—including our Indigenous employment programs, engagement with Indigenous communities and partnerships supporting Indigenous youth and women. Read more about the award and our efforts [here](#).

Mutual Benefit Agreements

During the Expansion Project, Mutual Benefit Agreements (MBAs) were developed to help build long-term relationships based on shared interests. They are important not only for formally acknowledging our commitments for which we are accountable, but also present opportunities to work with partners and to build capacity. MBAs are tailored to community needs and provide different types of defined project benefits. As part of the Expansion Project, we entered into 69 MBAs with 81 Indigenous groups. These MBAs are valued at more than \$650 million, separate and apart from any value associated with contract opportunities. Trans Mountain continues to monitor compliance with MBAs throughout the duration of each of their terms.

20 Indigenous women completed the Project Management Extension Certificate Program

Employment and business opportunities

We aim to support Indigenous, local and regional communities along the pipeline and marine corridor through the creation of employment and business opportunities to support the safe operation of our system. Some of the ways we provide opportunities to Indigenous communities include:

Providing employment opportunities

We continue to explore opportunities to increase the representation of Indigenous individuals across our company. We share job opportunities with Indigenous communities in our operating areas, attend Indigenous youth career fairs and work with Indigenous communities to advertise employment opportunities.

Contracting Indigenous businesses

We are also committed to providing business opportunities for Indigenous groups. Throughout the Expansion Project, we awarded approximately 25 per cent of awarded contract value to Indigenous businesses and partnerships. We continue to employ Indigenous contractors and businesses to support our ongoing operations. Read more about one long-term relationship with an Indigenous business in the sidebar.

Capacity building

We strive to support Indigenous Peoples' long-term prosperity through direct and meaningful participation in the Canadian economy and in our operations activities. One way we build capacity is by helping individuals develop or strengthen valuable skills or expertise. Some examples of capacity building activities include:

Sponsoring education opportunities for Indigenous women

In 2024, we continued to sponsor the online Project Management Extension Certificate program for Indigenous women through Mount Royal University in Calgary, AB. The participants have access to mentors to support their learning and extend their networking circles. Twenty Indigenous women enrolled in this certificate program in 2024.

Sharing opportunities with Indigenous youth

We support the Outland Youth Employment Program (OYEP), which provides opportunities for Indigenous youth (ages 16–19) to explore various work environments and receive training to support their future careers. In 2024, members of the Trans Mountain team visited the OYEP camp to discuss our industry, its environmental and social impacts and to share information about our company.

Building long-term business relationships

Developing long-term relationships with Indigenous-owned businesses is one way we support Indigenous communities. As the business "arm" of the community starts to develop its capacity, the community has another revenue stream that supports community development programs and community investment.

An example of this is our ongoing relationship with Ckukutusem Utility Services (2021) LLP (CUS), a pipeline maintenance and integrity service provider wholly owned by the Skeetchestn Band in British Columbia. CUS began work on the Expansion Project in 2022, and we have engaged CUS to support our ongoing operations, where it has been successful in performing asset integrity activities, including integrity digs, right-of-way maintenance and completing small capital projects.

Relationships with landowners

We are committed to building and maintaining positive relationships with landowners based on mutual respect and trust.

We have relationships with landowners on more than 3,100 private land parcels along the pipeline right-of-way. We value these continued interactions and know that every day the safe operation of our pipeline is dependent on these relationships. Our key objective is to treat each landowner fairly and equitably.

Our team

Our land teams have been working directly with landowners for decades. Our Land and Right-of-Way team is primarily based in Burnaby, BC and Edmonton, AB. This team provides local knowledge and manages long-lasting relationships with our private and public landowners.

Our approach

We welcome feedback and encourage landowners to raise any concerns with us through their land agent or Senior Land Representative via email or phone. Complaints may also be filed through the Canada Energy Regulator. We proactively communicate with all landowners on a regular basis through in-person visits, mailouts, emails and/or Landowner Update newsletters. At our post-construction reclamation meetings, we review any damages and conclude any commitments we made.

Training

For employees and contractors who engage with landowners on a regular basis or conduct landowner visits, we provide two training modules. First, a base module to verify they understand their roles and responsibilities as outlined in our Landowner Engagement Procedure. Second, a supplemental module to verify Trans Mountain representatives are qualified to provide damage prevention and public awareness education to landowners. These two modules are based on our Landowner Engagement Procedure, which describes how to reach out to new landowners and provide pipeline safety information, including direct contact such as a scheduled face-to-face visit or door knock.

Our public safety programs

We work with landowners and others to help protect the pipeline and the environment through a variety of programs, including:

Our **Public Awareness Program** helps maintain the safety of the pipeline and the right-of-way by informing and educating people who live and work in the area. We deliver our public awareness communications in six languages to provide critical information to diverse communities along our pipeline and marine corridor. In 2024, we held 68 public awareness activities, presented to more than 450 individuals and had more than 140,000 points of contact through our public awareness mailouts.



River near Clearwater, BC

Our **Depth of Cover Program** ensures sufficient cover over the top of the underground pipe, which is especially important in agricultural areas where tilling is practised. Each year different sites are assessed and remediated based on exposure and risk.

Our **Vegetation Management Program** ensures clear access and line of sight along the right-of-way through the ongoing management of vegetation and weeds.

Our **Damage Prevention Program** reduces the potential for unsafe digging that may cause pipeline damage. Examples include pipeline markers along the right-of-way and creating awareness about the need to “Click Before You Dig.” We also use surveillance and monitoring (including ground patrols and an aerial patrol program) to assess potentially threatening activities in a 30-metre zone from the centreline of the pipeline. In 2024, we held 12 damage prevention seminars for more than 450 municipal staff, field crews, contractors and excavators.

Relationships with communities

Approximately 55 communities, including many urban areas, are located along our pipeline and marine corridor. To foster respectful, transparent and collaborative interactions and relationships with these communities and their residents, we prioritize regular engagement.

In 2024, our efforts included more than 800 points of engagement (including, but not limited to, meetings and events organized by Trans Mountain, meetings and events attended by Trans Mountain, notifications issued about projects that may impact community members and inquiries through our public inquiry line).

Our approach to relationship-building

Building on more than 70 years of operations, we meet with our neighbours and those impacted by, and interested in, our business to provide factual and relevant information. We encourage two-way communication and create opportunities and dedicated channels for individuals to share interests and raise concerns. To honour our commitments, we host events, provide newsletters and updates, including safety and public awareness presentations and participate in community events and informal meetings. Community members can expect a timely and accurate response to their interests and concerns, which are considered and addressed to the extent practical and in compliance with regulatory requirements.

Engaging with communities

Following the completion of the Expansion Project, we hosted a series of Community Closeout Workshops. These workshops were designed to facilitate and collect feedback on community members' experience with Trans Mountain during construction. In total, we engaged more than 80 people. We then developed an internal report summarizing our learnings on Project engagement and provides insight to guide our continued engagement with communities.

Leaving a positive legacy through Community Benefit Agreements

To recognize the effects of pipeline construction, we worked with communities throughout the Project to develop Community Benefit Agreements providing a range of benefits for residents, designed to foster economic and social well-being. These Community Benefit Agreements designated funds for priority projects as unique as the communities themselves, from parks and bike paths, to drinking water infrastructure. Trans Mountain signed 21 agreements with local governments to support projects identified by each community. Two examples of our Community Benefit Agreements are contributions to the Fraser Valley Regional District to fund the purchase of fire response vehicles, and to the Municipality of Jasper to support the development of a community off-leash dog park. The total value of Community Benefit Agreements was \$16 million. We continue to evaluate how we can meaningfully contribute to the communities in our operating areas.



Burnaby Terminal, BC

Collaborating with the City of Burnaby

In 2024, Trans Mountain and the City of Burnaby signed a Community Contribution Agreement to benefit the residents of Burnaby, strengthen emergency response and increase collaboration between the two parties.

Trans Mountain is contributing \$20.1 million to the city, paid in installments annually over the next 21 years. Read more about this agreement [here](#).

Supporting communities

In addition to Community Benefit Agreements, we build goodwill and provide support through local investment. Our contributions are focused on three pillars: education, community well-being and environmental stewardship. In 2024, Trans Mountain invested approximately \$620,000 in financial and in-kind contributions to 139 organizations and local community initiatives. Below are some of the organizations and initiatives we supported in 2024:



Pillar | Environmental stewardship

- Trans Mountain provided a grant to support the BC Wildlife Park in Kamloops. This park helps foster an appreciation of and respect for BC's wildlife and operates research, captive breeding and rehabilitative programs.
- We supported the Sapperton Fish Hatchery in New Westminster, BC through in-person volunteering and by providing financial support to the Burnaby Firefighters Charitable Society. The hatchery aims to restore and conserve local salmon stock in the Brunette River.
- Trans Mountain supported and attended the Alberta Conservation Association's "Kids Can Catch" event. Our employees spent the day handing out snacks and colouring books to participants. Since 1997, the Alberta Conservation Association has encouraged all Albertans to enjoy the outdoors and has focused on the conservation of fish, wildlife and habitat resources.

- Following the devastating Jasper, Alberta wildfires in July 2024, we started a donation-matching program in support of the Jasper Community Team Society, a local volunteer-run nonprofit organization dedicated to the community's long-term recovery.
- Trans Mountain donated a total of \$95,000 to 19 food banks along the pipeline right-of way, providing funds to support community members experiencing food insecurity.
- Trans Mountain donated \$5,000 to the Awasisak Indigenous Health Program at the Stollery Children's Hospital in 2024. Awasisak addresses the unique needs of Indigenous children and families in the hospital setting by providing cultural support and guidance through health programs.



Pillar | Community well-being



Pillar | Education

- Trans Mountain provided a bursary to the University of British Columbia Pipeline Integrity Institute to support the development of innovative pipeline engineering practices.
- Trans Mountain supported Canada's Sports Hall of Fame's Indigenous Sport Heroes Education Experience. Canada's Sports Hall of Fame is the country's only national museum of sport. Its mandate is to celebrate Canada's sports heroes who have reached the pinnacle of their careers while making monumental contributions to our society "beyond the win."
- We supported Little Warriors in Sherwood Park, Alberta, a charitable organization that aims to empower and inform adults, through culturally sensitive education and resources, to help prevent and recognize child sexual abuse.

Governance

Conducting our business **ethically** and responsibly

PICTURED
Worker at Burnaby Terminal, BC

Corporate governance

We see good corporate governance as critical to helping us achieve sustained success and create lasting benefits for all our stakeholders: our customers, employees, business partners, regulators and the communities along our pipeline and marine corridor.

Corporate structure

Trans Mountain Corporation (TMC) was incorporated in 2018 as a federal Crown corporation for the purpose of purchasing and managing assets related to the pipeline and Expansion Project. Our Board of Directors is ultimately accountable to Parliament through Canada Development Investment Corporation (CDEV), a federal parent Crown corporation and the Minister of Finance. As Crown corporations, TMC and CDEV operate at arm’s-length from the government and have a high degree of responsibility to maintain the public trust and account fully and openly for operations and decisions.

We have a Board with **qualified, knowledgeable and committed** individuals who understand our business

BOARD COMPOSITION AND INDEPENDENCE

Size of Board	10
Number of Independent Directors	8
Separate Chair and CEO	Yes
Board Evaluation Process	Yes
Board Meetings Held in 2024	14
Average Meeting Attendance	93%

BOARD RENEWAL AND DIVERSITY

Mandatory Retirement Age	No
Average Director Tenure	4 years
Women Board Members	50%

All chart information as of December 31, 2024.

Board form and function

Our Board of Directors is appointed by CDEV and at the end of 2024, was composed of 10 members. Eight of our Directors are considered independent as they are not current Trans Mountain employees or, within the past three years, former employees of the Corporation. The Board is responsible for the stewardship of our company with overall responsibility to oversee and supervise the management, businesses and activities, with the directors exercising their independent judgment to strengthen management and accountability. The Board carries out its mandate through three standing committees: the Audit, Finance and Risk Committee; the Environment, Health, Safety and Sustainability Committee; and the Human Resources, Compensation, Nominating and Governance Committee.



Employees at our Calgary, AB office

Board diversity

We have a Board with qualified, knowledgeable and committed individuals who understand our business and the context in which we operate. At Trans Mountain, we value diverse points of view and believe that diversity of thoughts, experiences and perspectives can lead to better decision-making.

At the end of 2024, five of our Board members were women (representing 50 per cent of the Board) and two of our Board members were Indigenous (20 per cent). Indigenous Board members can play a role in ensuring we consider Indigenous perspectives and the Indigenous world view in our strategy and plans.

Governance for environmental and social matters

Role of the Board

The Board oversees the conduct of our business, directs management of the company and considers all major issues affecting the company, some of which include environmental and social matters. At Trans Mountain, the Board as a whole is responsible for providing oversight over critical environmental and social risks, including climate-related risks (read more on [page 47](#)). Specifically, this includes reviewing our targets and programs, overseeing the management of our ESG opportunities and risks, monitoring our ESG performance and reporting and overseeing the allocation of resources needed to meet environment, health and safety, and other relevant requirements and regulations. The Board receives a quarterly update on corporate risks, which includes environmental and social risks.

Our Board receives a **quarterly update** on corporate risks, which include environmental and social risks

Role of management

Our executive team reports environmental and safety-related performance and issues quarterly updates to the Environmental, Health, Safety and Sustainability Committee of the Board. Reporting includes key performance indicators, security updates, marine activity, developing issues in operations and any environmental or safety incidents or near misses. Our executive team sets our goals and strategy that are executed by our operations and subject matter expert teams.

A subset of our executive team forms our ESG Executive Steering Committee. This committee includes our Chief Administration Officer; President and Chief Operating Officer; Senior Vice President, Finance and Treasury; Chief Legal and Indigenous Affairs Officer; and our Vice President, Business Development and Commercial Services. The committee provides executive leadership on ESG and supports the Board and the rest of the executive team in the review and approval of our environmental and social goals to ensure their effective implementation in alignment with our business ambitions.

Responsibility for ESG activities across the company

Many employees and business functions help us maintain accountability for ESG and support the implementation of ESG practices across our company. Our internal ESG subject matter experts provide guidance and information on ESG-related areas. This information is used to inform our ESG reporting and our response to climate-related issues.

Our management systems

As required by the Canada Energy Regulator, we have an Integrated Safety and Loss Management System (ISLMS). Our ISLMS helps us conduct safe operations by consolidating and formalizing the methods we use to identify, mitigate and respond to risks across all business areas. It guides many business functions such as technological security and asset integrity. ISLMS covers the procedures, processes and guidelines our employees are required to follow in conducting our operations in a safe, environmentally responsible and sustainable manner. The system is subject to regular review and routine audits to support continuous improvement throughout the pipeline's lifecycle.

Communicating to our owner

Trans Mountain provides information about our risks and risk management strategies, and material health, safety and environmental matters to CDEV on a quarterly basis. Any significant health and safety, security and environmental incidents would be promptly reported to CDEV and would not wait until our quarterly report.

GOVERNANCE FOR ENVIRONMENTAL AND SOCIAL MATTERS



Cyber security

The growing level of threat to cyber security is a risk affecting organizations of all sizes and in all industries. Resilience to cyber threats is important for companies like ours that own and operate critical energy infrastructure.

We maintain an advanced cyber security program designed to protect both our information and digital assets (Information Technology) and our physical assets and systems (Operational Technology) and keeps our workforce informed of cyber security best practices.

Information technology

We safeguard our digital assets and data by aligning our cyber security program with the National Institute of Standards and Technology Cyber Security Framework. We proactively incorporate new threat intelligence sources and complete regular maturity and risk assessments to verify that our cyber security program meets industry standards and best practices.

Operational technology

We place high attention on maintaining the cyber security of our Operational Technology systems as they directly impact the safe operation of our pipeline system and the delivery of product for our customers. Our network is divided into multiple risk-based segments to incrementally protect critical systems and assets from malicious software and actors.

Awareness

We promote cyber security awareness by educating our workforce on cyber security threats, as well as enacting and reinforcing company policies and best practices. In 2024, we continued our company-wide efforts around cyber security awareness and training through:

1 | Foundational training

Each Trans Mountain employee is required to take our mandatory foundational training when they join the company and to complete a refresher course annually. In 2024, 1,270 individuals completed our foundational training.

2 | Cyber security awareness

Our company-wide program includes monthly awareness bulletins and educational sessions on topics such as safe and unsafe practices with respect to wireless network connectivity, phishing and spear phishing and personal cyber security beyond the workplace. As new threats or types of attacks emerge, we offer specialized training to educate our employees and strengthen our defense, focusing on high-risk roles and business areas. To observe Cyber Security Awareness Month in October we tested employees' knowledge through games and quizzes, and we hosted four separate speakers who presented on topics such as phishing, critical controls for pipeline security and artificial intelligence.



3 | Phishing testing

We conduct regular phishing tests in which team members receive simulated phishing emails from a seemingly trustworthy source. Employees who fail to correctly respond to a phishing test are required to complete remedial training to review examples and help them better understand the increased level of sophistication used in phishing attempts.

4 | Simulations

As cyber incidents increase worldwide, we are continually improving the technology and tools available to our security operations centre, where events are analyzed, correlated and investigated to identify and prevent real security threats. We continue to perform simulation testing and activities such as risk assessments, penetration testing and incident simulations.

15
cyber awareness sessions
offered

2,221
hours of cyber awareness
training completed

Ethics

Policies and ethics hotline

We are dedicated to conducting our business ethically and responsibly, and to upholding our core values of safety, integrity, respect and excellence in all we do. Our [Code of Business Conduct and Ethics](#) outlines how our values translate into everyday behaviour, establishes high standards of ethical conduct and incorporates company policies and the laws and regulations we follow. Our Whistleblower Policy states that there will be no retaliation (discipline, loss of job or any other type of retaliation) against anyone who, in good faith, reports a compliance or ethics concern. We also maintain an Ethics Hotline and online reporting tool through a third-party company, which provides a confidential and anonymous way to report potential unethical behaviour or wrongdoing that is not in compliance with the Code of Conduct. All reports are dealt with expeditiously, investigated and resolved as appropriate. Ethics matters are presented to the Audit Committee quarterly.

Code of conduct training

All personnel must complete annual awareness training of the Code of Conduct. The training module provides an overview of the Code of Conduct, reviews key areas in plain language and ends with a knowledge evaluation to verify accountabilities are understood. In 2024, we updated our Code of Conduct to include new content on human rights in supply chains (read more on [page 64](#)). One hundred per cent of our employees completed our 2024 Code of Conduct training.

Responsible procurement

As an extension of Trans Mountain, it is important that all contracted companies embody our values of safety, integrity, respect and excellence.

We expect all contracted companies to work to the high standards of safety and environmental protection we set for ourselves, adhere to our Code of Conduct and to assist us in fulfilling our commitments to Indigenous communities. We use the following processes and programs to select and manage the service providers that work on our behalf.

Choosing safe contractors

As part of the evaluation and selection process, each potential contractor must be registered with ISNetworld, the online contractor and supplier management platform we use for qualifying and monitoring contractors for work. All contracted companies are required to meet our requirements including demonstrating technical capabilities, having adequate safety practices and appropriate insurance in place.

Monitoring environmental practices

All contracted companies are required to meet our environmental commitments, respect heritage resources and report any environmental incident in the course of the work. To monitor adherence with our policies, we have a team of Trans Mountain employees and environmental inspectors who work alongside each contracted company.

Ensuring contractors help us meet our social commitments

We have relied on our contracted companies to help us meet our commitments to Indigenous communities. For the Expansion Project, companies selected for major contracts had to comply with our Owners' Requirements, a contractual commitment which outlined contractor's responsibilities for the hiring of Indigenous individuals and companies. Read more about how we create Indigenous employment and contracting opportunities at Trans Mountain, [here](#).

Following our contract closeout process

Closing out contracts is an important part of the supply chain lifecycle. Our supply chain team is supporting the closeout of Trans Mountain Expansion Project contracts as they come to an end. We developed a multi-step closeout process to verify all requirements are met. This process includes disposing of any assets bought by the contractor on behalf of the Project, having contractors complete a statutory declaration confirming they have paid any financial obligations owing to applicable Indigenous companies and having our legal department perform lien checks. In 2024, we completed more than 73 per cent of the administrative closeout of tasks of our prime contractors' contracts. This work will continue into 2025.

Supporting the fight against forced labour and child labour in supply chains

We are committed to promoting responsible, ethical business practices across our organization and supply chain. This includes taking measures to combat potential forced and child labour across our supply chain. In June 2023, the Government of Canada passed the *Fighting Against Forced Labour and Child Labour in Supply Chains Act*, to ratify several international conventions and enshrine them into domestic policy. As a Crown corporation, we are required to adhere to the measures outlined within the Act, which includes producing an annual disclosure document on the steps we have taken during the year to prevent forced labour and child labour in our supply chain. Read our 2024 report in the appendices, [here](#).

We require all contracted companies to work to the high standards of safety and environmental protection we set for ourselves



TCFD

Understanding the impacts of **climate** and the **energy** transition

RELATED SDGS



PICTURED

Control Room at Westridge Marine Terminal, BC

Advancing climate disclosures

Climate change is an important issue requiring global action across countries and industries. We remain committed to working with governments and stakeholders to advance strategies to reduce emissions along the energy value chain now and in the future.

In Canada, Canadian Crown corporations with assets of \$1 billion or more, like Trans Mountain, are required to report in alignment with the Task Force on Climate-related Financial Disclosures (TCFD) framework and publish annual disclosures. We first reported climate-related content to meet these requirements in our 2021 ESG report. Although the TCFD has disbanded as the International Finance Reporting Standards (IFRS) has assumed responsibility of monitoring companies' climate-related disclosures, Canada has not yet adopted the new IFRS reporting requirements. Therefore, we continue to align our disclosures with the TCFD framework. The following section of the report outlines our responses to the TCFD recommendations.

At Trans Mountain, we took a phased approach to identifying and managing climate-related risks. We are focusing on understanding risks and opportunities, developing plans, building internal capacity and contributing to climate resiliency in communities along our pipeline corridor. The table to the right illustrates our progress around the four thematic areas contained in the TCFD framework—governance, risk management, strategy, and metrics and targets. In the next few pages, we provide information related to the four recommendations, including scenario analysis.

	PHASE 1 2020	PHASE 2 2021	PHASE 3 2022	GOING FORWARD 2025+
Governance	<ul style="list-style-type: none"> ✓ Disclose the role of the Board and management in overseeing risks, including climate-related risks 	<ul style="list-style-type: none"> ✓ Disclose current governance structure for climate-related risks ✓ Create a sustainability working group and an ESG executive steering committee 	<ul style="list-style-type: none"> ✓ Review our governance structure in 2022 to support improved governance over our most relevant ESG topics at the Board committee level, including climate 	<ul style="list-style-type: none"> 🔄 Board reviews climate-related risks and opportunities
Risk management	<ul style="list-style-type: none"> ✓ Identify and manage risks in alignment with our Enterprise Risk Management (ERM) program 	<ul style="list-style-type: none"> ✓ Enhance and disclose risk management processes 	<ul style="list-style-type: none"> ✓ Formally classify climate-related risks and opportunities and enhance our climate-related risk analysis within our ERM program 	<ul style="list-style-type: none"> 🔄 Monitor physical risks and adjust asset integrity program and emergency response plans, if needed
Strategy	<ul style="list-style-type: none"> ✓ Disclose key physical risks 	<ul style="list-style-type: none"> ✓ Identify and disclose energy transition-related risks and opportunities ✓ Evaluate and disclose the qualitative impact of transition-related risks and opportunities and associated timeframes ✓ Conduct qualitative scenario analysis using the IEA's Net Zero by 2050 scenario and the Announced Pledges Scenario. See page 52 for climate-related transition scenarios. 	<ul style="list-style-type: none"> ✓ Conduct physical scenario analysis (RCP 2.6, 4.5 and 8.5) ✓ Conduct transition scenario analysis (Announced Pledges Scenario) 	<ul style="list-style-type: none"> 🔄 Monitor changes in policy and legal (laws, rules, regulations), market and technology trends related to the energy transition
Metrics and targets	<ul style="list-style-type: none"> ✓ Disclose Scope 1 and Scope 2 emissions 	<ul style="list-style-type: none"> ✓ Engage third-party to conduct pre-assurance of our Scope 1 and Scope 2 GHG emissions 	<ul style="list-style-type: none"> ✓ Develop and publish a Scope 1 and Scope 2 emissions reduction plan by the end of 2022 	<ul style="list-style-type: none"> 🔄 Work towards our GHG emissions-reduction targets ✓ Develop an Expansion Project construction emission offset plan

🔄 Ongoing activities

I. Governance

Board oversight of climate-related risks and opportunities

The Board acknowledges that climate change and the energy transition are creating risks and opportunities for our business, our shippers (customers) and society as a whole. The Board oversees the conduct of our business, directs the management of the company and considers all major issues affecting the company, which include environmental and social matters.

At Trans Mountain, the Board as a whole is responsible for overseeing critical environmental and social risks, including climate-related risks, as this reflects our company-wide approach to addressing these risks. The Audit, Finance and Risk Committee and the Environment, Health, Safety and Sustainability Committee assist the Board in evaluating and overseeing Trans Mountain's principal risks. The Board receives a quarterly update on corporate risks, which includes environmental and social risks, and separately identifies and assesses climate-related risks. Our Board Committee charters include oversight of ESG matters such as reporting, disclosures, internal controls, risks and opportunities.



The Board's responsibilities related to ESG oversight include:

- Receiving reports on enterprise risks, including physical, market, policy, legal and technological risks.
- Considering the results of climate-related scenario analysis for energy transition risks and opportunities that may impact our strategy.
- Reviewing and approving the climate-related disclosures in our ESG report and other ESG plans that are issued publicly.
- Providing oversight and ongoing review of the GHG emissions-reduction targets and plans.

Management's role in assessing climate-related issues

Our executive management team reports environmental and safety-related performance quarterly to the Environment, Health, Safety and Sustainability Committee of the Board. Reporting includes key performance indicators, GHG emissions, management systems, security updates, marine activity, developing issues in operations and any environmental or safety incidents. Our executive management team sets the goals and strategy executed by our teams.

Our executive management team is directly responsible for:

- Directing the development and implementation of ESG programs and activities, including climate-related actions.
- Oversight of progress, performance and reporting on ESG and climate-related matters.
- Leading external engagement and advocacy on climate-related matters.

Our ESG Executive Steering Committee provides executive leadership on ESG and climate-related issues. This committee supports the Board of Directors on ESG-related matters and objectives.

II. Risk management

Risk identification

We have a formal Enterprise Risk Management (ERM) program to identify, evaluate, manage and communicate our risk exposures in a manner consistent with our business objectives and risk tolerance. Our ERM program helps us monitor and evaluate financial, operational, strategic and compliance risks. Some of these risks are environmental and social in nature. Management critically reviews and updates our risk registry every quarter. Material risks are reported to the Board of Directors quarterly.

Risk assessment and management

We use a common risk matrix across the company to evaluate risks to our operations. Using the risk matrix, risk owners, management and the risk group determine the consequences and likelihood of the identified risk by examining the effect the risk may have on our financial position, reputation, environmental impact and/or the safety and health of employees, contractors or communities. Once assessed, risks are then prioritized based on their likelihood, anticipated severity, anticipated time horizon and the impact level on our strategy. Our ERM program helps us identify risks, allocate resources, track progress, monitor trends and mitigate risks, including ESG and climate-related risks.

Climate-related risks integration into risk management

We provide a quarterly ERM update to our executive management team and Board of Directors with any new observations or issues related to any of our key risk areas and an overall assessment of each of those risks. Areas where we are incorporating climate-related risks into our business include:

- 1 | RISK ASSESSMENT** Climate-related risks are a component of our ERM program.
- 2 | CAPITAL ALLOCATION** We consider climate-related financial risks and the GHG impact of proposed projects.
- 3 | STRATEGIC PLANNING** We are enhancing our consideration of the impact of climate-related risks and opportunities in our long-term strategy.

Our ERM program separately identifies and assesses climate-related risks and connects the results of our climate-related scenario analysis to our risk management activities. We continue to review our risk assessment quarterly.



Aerial view of Westridge Marine Terminal, BC

III. Strategy

Risks and opportunities

The TCFD recommends organizations examine climate through two lenses: the physical impacts of climate and the implications of the transition to a lower carbon economy. Both lenses help us identify risks and opportunities for our company and assets.

Climate-related physical risks

To conduct a physical risk assessment, we engaged a third-party consultant to examine the physical impacts of climate change along our pipeline system and at our pump stations, terminals and Westridge Marine Terminal.

The physical risk assessment evaluated relevant climate-related hazards (see sidebar) that were each categorized as either an acute or a chronic hazard.

- Acute hazards are extreme weather events that unfold over short periods of time (days to weeks), such as avalanches, floods or wildfires.
- Chronic hazards are longer-term shifts in climate patterns that take years to decades to manifest as physical hazards, such as sea level rise.

For Trans Mountain, climate-related physical risks would result from the interaction of hazard, exposure and vulnerability (see sidebar).

In the assessment, each facility location and pipeline segment received a risk “score” for each of the climate-related hazards on a 0 to 10 risk scale, with lower scores indicating greater exposure to the risk. Indices such as these encapsulate complex concepts in a simple score that allow us to compare risks across locations and time.

Figure 1 illustrates the average risk scores for various pipeline segments for three key climate-related hazards. This is a sample of the full assessment. The full set of risk scores can help inform decision-making and appropriate resource allocation for pipeline integrity activities and/or improvements.

Climate-related hazards evaluated

Acute

- Coastal flood
- Drought
- Extra tropical cyclone
- Flood
- Severe storm
- Tropical storm and cyclone
- Wildfire

Chronic

- Cooling degree days
- Heating degree days
- Heat stress
- Sea level rise
- Water stress

Climate hazards vs. climate risks

According to the Intergovernmental Panel on Climate Change (IPCC):

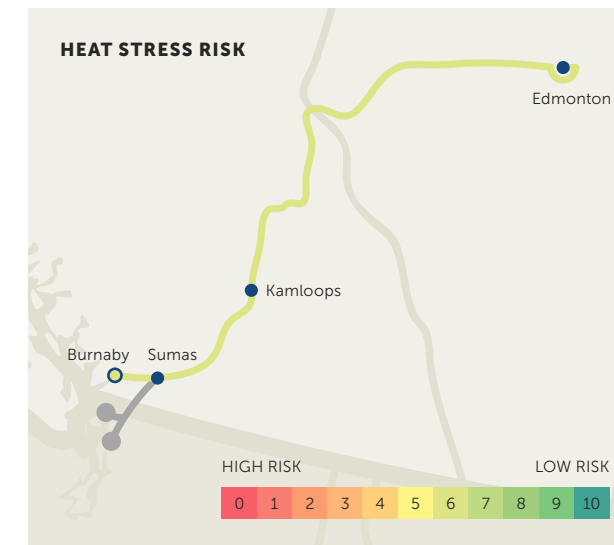
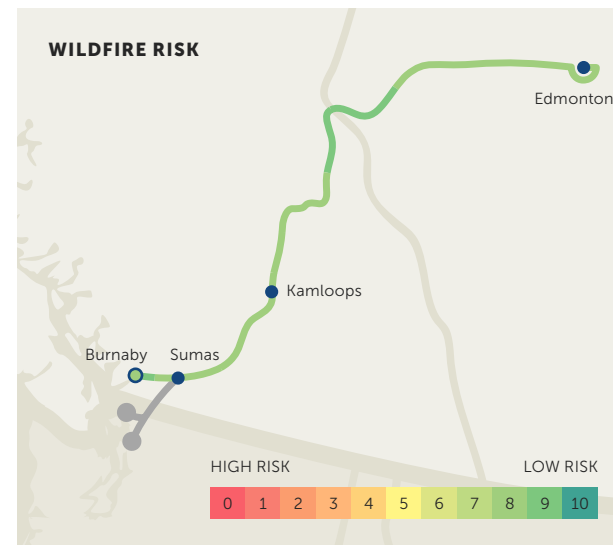
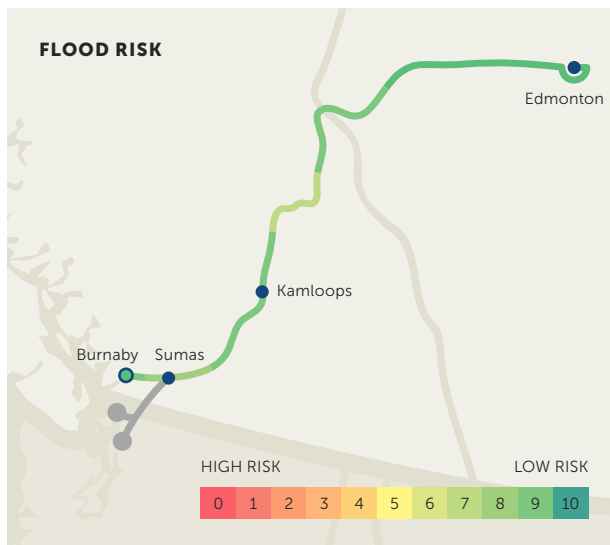
“**CLIMATE RISK**” results from the interaction of hazard, exposure and vulnerability.

“**HAZARD**” refers to the potential occurrence of climate-related physical events or trends that may cause damage and loss.

“**EXPOSURE**” indicates the presence of assets, services, resources and infrastructure that could be adversely affected.









“**VULNERABILITY**” is the propensity or predisposition to be adversely affected. [Source](#)

FIGURE 1
Average risk scores for various pipeline segments for floods, wildfires and heat stress risk.



Corporate physical risks

Although our physical risk scores vary at different points along the pipeline, our overall risk profile for the pipeline system is low. The most pronounced acute risks are storms, flooding and drought; and the key chronic risks are heat stress and water stress, which are heavily influenced by heating degree days (read more below). Although sea level rise has a very low risk score, it is relevant for areas near the Fraser River and at Westridge Marine Terminal and is therefore described below. Unmitigated impacts from any of these risks could cause direct damage to the pipeline, temporary pipeline shutdowns, negative impacts on workers and/or indirect business interruptions (e.g., impacts on critical infrastructure, such as power and communications, in the surrounding area).

	 SEVERE STORMS	 LAND FLOODING	 DROUGHT	 WILDFIRE	 SEA LEVEL RISE	 HEATING DEGREE DAYS	 HEAT STRESS	 WATER STRESS
Potential implications	Extreme storms may cause localized impacts including power outages, large hail (causing damage to assets), localized flooding, heavy snowfalls, avalanches, rockfalls and increased risk of vehicle accidents.	As weather patterns change, flooding events may increase in frequency or severity. Heavier rainfall will elevate flood risk. Flooding can damage pipelines and associated infrastructure and potentially cause loss of product.	A prolonged drought event may limit access to water for construction or operations activities and may increase the related risk of wildfire.	Our pipeline is buried, therefore the potential impact to our assets from wildfires or forest fires is relatively low across the full route.	Sea level rise is only relevant at Westridge Marine Terminal.	Longer heatwaves (albeit from a low number of days) may make outdoor work more difficult and may impact worker health and safety.	Rising heat and humidity can cause fatigue and heat exhaustion for those working in outdoor environments, while also impacting infrastructure.	Extreme pressure on water supplies can impact employees or potentially create challenges in relations with adjacent communities.
Estimated risk level	<div><div></div><div></div><div></div></div> <div>LOWMEDHIGH</div>	<div><div></div><div></div><div></div></div> <div>LOWMEDHIGH</div>	<div><div></div><div></div><div></div></div> <div>LOWMEDHIGH</div>	<div><div></div><div></div><div></div></div> <div>LOWMEDHIGH</div>	<div><div></div><div></div><div></div></div> <div>LOWMEDHIGH</div>	<div><div></div><div></div><div></div></div> <div>LOWMEDHIGH</div>	<div><div></div><div></div><div></div></div> <div>LOWMEDHIGH</div>	<div><div></div><div></div><div></div></div> <div>LOWMEDHIGH</div>
Risk mitigation	We design and maintain our pipeline system to be resilient. Our Geohazard Monitoring program helps us monitor for ground movement or water-related hazards. We design our system to be able to withstand a 1 in 200-year flood. We maintain our pipeline through a regular inspection and maintenance program and perform hardening in areas we determine are at-risk for future flooding (read about our asset integrity program on page 14). To prepare and respond quickly in case of a flood event, we continually monitor the weather and the flow rates in the watercourses crossed by our pipeline and conduct additional aerial and ground inspections of the right-of-way when flow rates reach a certain level. These additional inspections verify that the integrity of the pipeline is not compromised in a flood event. Some flood events may result in a temporary pipeline shutdown which can be completed remotely for all segments. We also monitor our pipeline for geohazard threats, such as avalanches and rockfalls. In 2024, we rerouted a 900-metre section of our pipeline in an area that we identified as being vulnerable to avalanches or rockfalls.		Our ongoing operations do not require water and therefore the estimated long-term impact is low. The actions listed for wildfire cover any extreme impacts resulting from drought.	We protect our above-ground assets (storage terminals and pump stations) through procedures, training, detailed wildfire response planning and by maintaining an inventory of response equipment. Our pump stations are within gravelled, fenced-in industrial sites, with no equipment against the fence line. As well, we have the ability to remotely turn off pump stations along the line, if required, due to an approaching fire.	We have prepared for possible long-term impacts by accounting for the potential sea level rise in the design of the terminal. In particular, the design is intended to ensure that the deck elevation of the structures is set high enough to avoid flooding or wave damage should the sea level rise occur. The elevation is higher than the rise levels projected for 2070 in the IPCC’s rising emissions scenario (RCP8.5).	Because heating degree days and heat stress are interrelated, our actions are designed to address both. To protect equipment and materials, we: <ul style="list-style-type: none">– Consider maximum design temperatures expected for the life of our pipeline system.– Have adequate cooling systems for facilities to protect equipment. For the safety and well-being of our workers, we: <ul style="list-style-type: none">– Have a standard to mitigate the potential impacts of heat stress on workers.– Provide access to climate-controlled environments (permanent facilities or temporary facilities such as jobsite trailers) and/or vehicles for workers to mitigate heat stress.– Monitor wildfire hazard conditions and plan/execute work accordingly.	Our ongoing operations do not require water and therefore the estimated long-term impacts from water stress are low.	
	Acute				Chronic			

Transition-related risks and opportunities

Transition-related risks are regulatory, market, technological and reputational risks arising from the energy transition. The table to the right outlines our current understanding of the most important transition-related risks that can impact Trans Mountain. Each year we revisit this list and re-evaluate our risk assessment based on our evolving understanding of the energy transition, policy changes and market dynamics.

The words “Low,” “Medium” and “High” in the Estimated Impact column indicate relative impact, for example “Low” means lower relative to other risks.

TRANSITION-RELATED RISKS	ESTIMATED IMPACT	TIMEFRAME	RISK MITIGATION
SUSTAINED LOWER OIL PRICES The energy transition is anticipated to have an impact on oil prices. If lower prices materialize and remain low for an extended period of time, shippers may default on their contracts.	HIGH	<div><div></div><div></div><div></div></div> <div>1-33-1010-30</div>	Maintain cost advantage compared to other modes of transport. In the future, enhance access to global markets and potentially leverage commercial tools to deal with a price environment that challenges customers (shippers).
CARBON COMPETITIVENESS OF CANADIAN OIL The cost to further reduce the carbon intensity of Canadian oil to competitive levels might not be economic during low oil price periods.	HIGH	<div><div></div><div></div><div></div></div> <div>1-33-1010-30</div>	Analyze and communicate the Scope 1 and Scope 2 emissions of our pipeline transportation service in the Canadian oil supply chain. In the future, further decarbonize our operations and increase flexibility. Read more on page 54 .
REDUCED DEMAND FOR OIL Accelerated adoption of electric vehicles in advanced economies and increased use of biofuels may lead to faster declines in oil demand.	MEDIUM	<div><div></div><div></div><div></div></div> <div>1-33-1010-30</div>	Operational integrity and safety preserve access to Asia Pacific (and other) markets where market fundamentals support crude oil demand longer term. In the future, leverage commercial tools to compete in an environment with excess takeaway capacity.
GHG REGULATION – LARGE EMITTERS Regulations for large emitters might become more stringent to align with Canada’s commitment to net zero by 2050. In addition, the Government of Canada has published draft regulations aimed at capping the oil and gas sector’s GHG emissions through a cap-and-trade system. This does not affect Trans Mountain, but it does affect our customers.	MEDIUM	<div><div></div><div></div><div></div></div> <div>1-33-1010-30</div>	In the near-term, stay informed about GHG reduction efforts from our customers and industry. In the future, remain focused on the needs of shippers. We believe that access to global markets and prices can help maintain production in a potentially higher-cost environment.
INCREASED DEMAND FOR ALTERNATIVE FUELS The IEA expects demand for biofuels (ethanol, renewable diesel, green methanol and others) to grow over the next few years. This demand might be further supported by the <i>Clean Fuel Regulations</i> that came into effect in July 2023.	MEDIUM	<div><div></div><div></div><div></div></div> <div>1-33-1010-30</div>	In the near term, work with shippers to facilitate shipment of products that are aligned with demand. In the future, consider optimizing our operations and investing, where necessary, to increase flexibility to ship increased volumes of lower-carbon intensity fuels.
REPUTATION AND PERCEPTIONS AROUND PIPELINES Negative perceptions around pipelines, direct (environmental impacts of pipeline operations) or indirect (as enablers of fossil fuels) can impact our ability to access capital, secure insurance coverage or continue to operate.	LOW	<div><div></div><div></div><div></div></div> <div>1-33-1010-30</div>	In the near term, continue current environmental and social performance. In the future, continue to engage with Indigenous and local communities regarding opportunities that align with our environmental and social priorities.
TRANSITION-RELATED OPPORTUNITIES	ESTIMATED IMPACT	TIMEFRAME	HOW CAN WE TAKE ADVANTAGE OF THIS OPPORTUNITY?
STRATEGIC SUPPLY (NORTH AMERICA/GLOBAL) Increased awareness and importance of energy security drives changes in global oil markets.	HIGH	<div><div></div><div></div><div></div></div> <div>1-33-1010-30</div>	In the near term, there are constraints in the ability of the Canadian energy sector to respond to geopolitical-driven changes in supply and demand. In the future, we can support and pursue changes to regulatory and economic drivers that enhance the ability of Canadian producers to respond to global events.
VOLATILITY IN OIL MARKETS Canadian oil production, especially oil sands, are more resilient to volatile prices, since less capital is required to maintain production levels.	MEDIUM	<div><div></div><div></div><div></div></div> <div>1-33-1010-30</div>	In the mid-term, support Canadian oil by enhancing access to global markets. In the future, maximize throughput, especially where Canadian oil can provide stability in periods of volatility and global supply disruptions.
ADVANCEMENT IN CARBON-RELATED TECHNOLOGIES Advancements in technology present great opportunities for us to further reduce the GHG emissions intensity of our operations or generate new sources of revenue.	MEDIUM	<div><div></div><div></div><div></div></div> <div>1-33-1010-30</div>	In the near term, continue monitoring developments in technology. In the future, invest in technologies that help us meet our environmental and business goals.

Scenario analysis

We believe scenario analysis is a valuable tool to challenge our assumptions about the future, spark meaningful conversations about our long-term strategy and enable more informed decision-making. However, it is important to note that scenarios are hypothetical constructs using assumptions and estimates to highlight key features of a possible future and are not a forecast or prediction.

In 2022, we completed a quantitative climate scenario analysis in alignment with the TCFD recommendations. Climate scenarios refer to both climate-related physical scenarios (i.e., models of emissions concentrations that result in different chronic and acute changes to the climate) and climate-related transition scenarios (i.e., policy, market and macroeconomic conditions associated with different energy transition rates of progression).

Climate-related physical scenarios

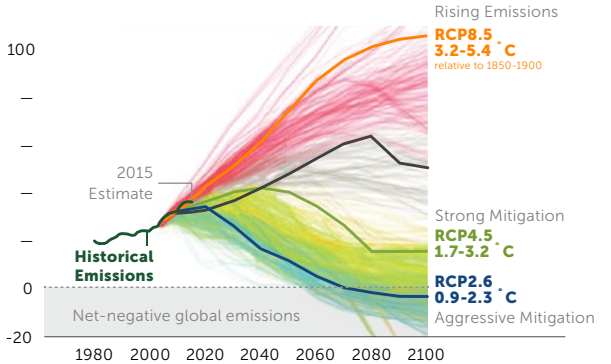
In addition to the physical risk profile (described on pages 49–50), we assessed projected changes in specific climate variables across our pipeline system for three different emissions scenarios for 2045 and 2070. Climate variables are the factors that exacerbate each of the climate hazards e.g., extreme rainfall increases flood hazard, heatwave duration increases heat stress. The three emissions scenarios we used were developed by the Intergovernmental Panel on Climate Change (IPCC) and cover a range of climate outcomes (Figure 2). Although the IPCC released a Sixth Assessment Report, we continue to use the IPCC Fifth Assessment Report as the basis for our scenario analysis at this time.

Scenario analysis helps us understand how climate impacts already assessed may vary by severity and timing under different emissions scenarios. The findings indicate:

- The vast majority of our pipeline assets are underground and, as a result, the overall exposure to physical climate-related risks is low.
- The climate-related risks vary across the length of the pipeline system and with this understanding we can target mitigation activities to where they will have the greatest impact.
- An area of focus for mitigation activities across our system over the long term should be key chronic risks that are influenced by changes in heating degree days typical of the Canadian climate.
- Even in the rising emissions scenario in which annual emissions double current levels by 2100 (RCP8.5, Figure 2), the elevation of Westridge Marine Terminal is designed to protect our assets from the projected sea level rise.



FIGURE 2 | IPCC CLIMATE-RELATED PHYSICAL SCENARIOS
emissions from fossil fuels and cement (GtCO₂/year)



We analyzed three scenarios from the Intergovernmental Panel on Climate Change (IPCC) covering a range of outcomes.

IPCC SCENARIO OUTCOMES			
	AGGRESSIVE MITIGATION	STRONG MITIGATION	RISING EMISSIONS
IPCC SCENARIO	IPCC RCP2.6	IPCC RCP4.5	IPCC RCP8.5
PREMISE	Global annual GHG emissions peak between 2010-2020, with emissions declining substantially thereafter	Emissions peak around 2040, then decline	Emissions continue to rise throughout the 21st century and annual emissions double current levels by 2100
TEMPERATURE RISE BY 2100 SOURCE	1.8 degrees	2.7 degrees	4.4 degrees
GLOBAL MEAN SEA LEVEL RISE BY 2100 SOURCE	0.26-0.54 m	0.32-0.62 m	0.45-0.82 m

Climate-related transition scenarios

With the support of a third-party consultant, we conducted a transition scenario modelling exercise using data from the International Energy Agency's (IEA) Announced Pledges Scenario and the Canada Energy Regulator's [Canada's Energy Future 2023 report](#). The Announced Pledges Scenario was selected for analysis because it:

- Reflects current commitments by governments across the globe, including Canada.
- Is the most stringent transition scenario that contains the level of data granularity required to conduct an effective analysis. At present, the IEA's Net Zero Emissions ("NZE") by 2050 scenario does not include sufficient regional data to effectively conduct this type of analysis.
- Continues to be revised⁴ each year to include new pledges. In its latest iteration, the assumptions contained in Announced Pledges result in a temperature rise of approximately 1.7°C in 2100 (with a 50% probability) making it one potential "2°C or lower" scenario.

The Announced Pledges Scenario is premised on full, on-time implementation of all country commitments and some of its key assumptions include:

- Global oil production of 90.4 million barrels per day (mbd) in 2030 and 59 mbd in 2045.
- Oil demand in North America declines from 21.5 mbd in 2021 to 18.8 mbd in 2030 and 7.9 mbd by 2045.
- Oil demand in the Asia Pacific region grows from 32.7 mbd in 2021 to 35.2 mbd in 2030, before declining to 23.6 mbd by 2045.



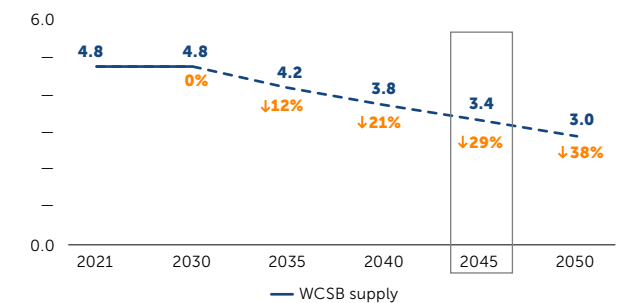
Trans Mountain has 15- to 20-year contract commitments (take-or-pay contracts) with our shippers that cover approximately 80 per cent (~710,000 bpd) of the system's capacity. While these contracts provide robust revenue support in the short- to medium-term, we modelled impacts to 2045 to explore the potential impacts in years beyond the term of the contracts.

By 2045, the Announced Pledges Scenario describes circumstances in which Western Canadian supply is 29 per cent lower than 2021 levels and refinery demand in North America is 52 per cent lower than 2021 levels. While the Announced Pledges Scenario also provides data on oil and carbon prices^{5,6}, we focused on modelling supply and demand because they are more directly linked to demand for pipeline transportation.

In 2045, we anticipate we would leverage commercial tools to compete on price in an environment with excess takeaway capacity.

More specifically, we were able to consider potential impacts on pipeline throughput in 2045 by modelling constraints in supply from the Western Canadian Sedimentary Basin (Figure 3) and reductions in demand from North American refineries (Figure 5). For our last report, we updated our modelling assumptions to reflect the IEA scenarios in the World Energy Outlook 2023 and the 2023 version of Canada's Energy Future report. For this ESG report, we reviewed the qualitative changes, but we did not update our modelling assumptions as there were minimal relevant changes to supply and demand between the World Energy Outlook published in 2023 and the one published in 2024.

FIGURE 3 | WESTERN CANADIAN SEDIMENTARY BASIN SUPPLY
 (from 2021 levels, with proportional declines, as observed in the Announced Pledges Scenario)
 million barrels per day



Supply from the oilsands is expected to decline by 29 per cent by 2045, compared to 2021 levels.

⁴ <https://iea.blob.core.windows.net/assets/140a0470-5b90-4922-a0e9-838b3ac6918c/WorldEnergyOutlook2024.pdf>

⁵ The IEA scenario uses an oil price of USD \$79 per barrel by 2030 and \$75 by 2050, and since it reflects Announced Pledges, we would use carbon price announced by the Canadian government of CAD 170/USD \$118 per tonne of CO₂e by 2030.

⁶ The IEA crude oil price is a weighted average import price among IEA member countries.

Sources of resilience to 2045

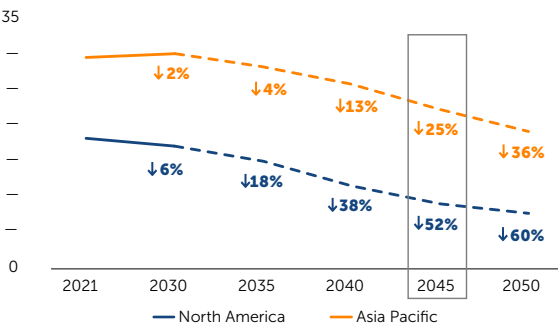
Trans Mountain remains resilient until 2045 in the Announced Pledges Scenario, even with steeper oil demand declines projected in the new version of the scenario. In other words, the pipeline is expected to operate at or very near full capacity until the year 2045 under the specific modelled conditions. The following four characteristics contribute to the resiliency of our business:

1 | ACCESS TO GLOBAL MARKETS We operate Canada’s only pipeline system transporting oil products to the West Coast with access to tidewater (Figure 4). Completion of the Expansion Project created a significant increase in the capacity of Westridge Marine Terminal, allowing Canadian energy to reach global markets, particularly the Asia Pacific region. Approximately 50 per cent of the product that left the terminal in 2024 after the expanded system became operational was shipped to the Asia Pacific region, and the remainder went to destinations on the west coast of the US. In the Announced Pledges Scenario, the Asia Pacific region remains a robust and growing source of oil demand through 2030, declining slowly thereafter and at a much slower pace than North America (Figure 5).

2045

The pipeline is expected to operate at or very near full capacity until the year 2045

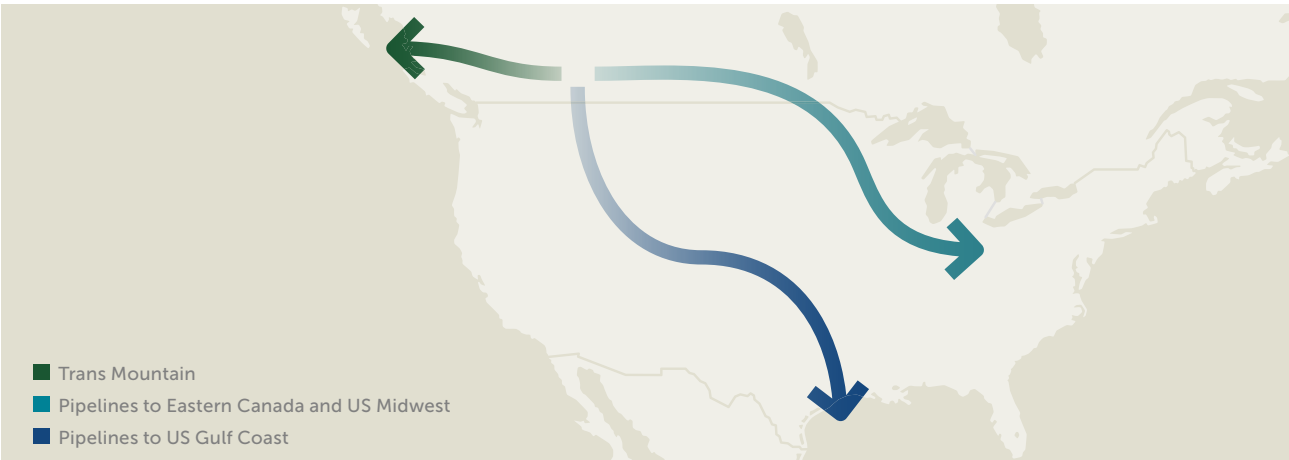
FIGURE 4 | REFINERY DEMAND BY REGION
 (from 2021 levels in the Announced Pledges Scenario)
 million barrels per day



Refinery demand in Asia Pacific remains higher and declines at a slower pace than in North America. Source: WEO 2024

2 | OUR CARBON COMPETITIVENESS We use electrically driven pumps to move products through the pipeline and a significant portion of our electricity load is generated in British Columbia with a low-carbon electricity grid. To enhance our carbon competitiveness and help our customers compete in markets increasingly focused on carbon, we have developed an [Emissions Reduction Plan](#), which outlines our approach and sets milestones for reaching net-zero (Scope 1 and Scope 2) emissions by 2050. By 2030, we plan to reduce our emissions of the expanded system by 100,000 tonnes of CO₂e through the implementation of system efficiencies and innovations, decarbonization of our energy consumption, selective investments in the lower-carbon economy and by leveraging market-based carbon products. Canada’s Clean Electricity Regulations, which mandate reductions in the GHG intensity of electricity generation, will further support our road to net-zero emissions.

FIGURE 5 | NORTH AMERICA SIMPLIFIED PIPELINE SYSTEM



Trans Mountain operates Canada’s only pipeline system transporting oil products to the West Coast with access to tidewater.

3 | SYSTEM FLEXIBILITY At Trans Mountain, we have extensive experience transporting a broad range of products, from diluted heavy oil to synthetic, light and refined products. As the world energy mix evolves, this expertise can be applied to other products such as liquid biofuels and other lower-carbon hydrocarbons. After contracts expire, we can optimize our operations to address changes in the type and/or proportion of commodities transported to meet shippers’ needs and global demand without requiring significant changes to existing infrastructure.

4 | OUR ENVIRONMENTAL AND SOCIAL PERFORMANCE Canada has stringent regulatory requirements, a high degree of regulatory oversight and strong climate change policies. Companies involved in Canada’s energy system, like Trans Mountain, must have robust environmental, social and governance practices to continue operating in Canada.

- Additionally:
- Trans Mountain has made significant investments in environmental protection systems, asset integrity, leak monitoring, spill response and biodiversity protection on land and water. Read more on [pages 14, 18 and 19](#). We have an impressive track record and have loaded oil onto marine vessels in BC with no spill incidents from tankers in more than 70 years of operation.
 - Trans Mountain makes concerted efforts to build strong relationships with Indigenous communities along the pipeline corridor ([page 35](#)). We continue to strengthen those relationships and contribute to the prosperity of communities.

All these practices contribute to safe and reliable operations, and are critical to our resiliency to societal, political and regulatory changes.

Notes on a Net-Zero Emissions by 2050 Scenario

Climate change is an important issue requiring global action across countries and industries. We remain committed to working with governments and stakeholders to advance strategies that will reduce emissions along the energy value chain now and in the future. We believe Canada, with its third largest proven oil reserves in the world⁷, will continue to play a leading role in the global energy landscape.

The Announced Pledges Scenario contains the following important considerations as it relates to testing our business resilience in a potential net zero pathway:

- While the Announced Pledges Scenario is not a global net-zero scenario, it includes all recent major national announcements as of August 2024 and reflects a net zero by 2050 Canadian economy.
- The Announced Pledges Scenario is within the range of outcomes that provide a 50 per cent chance of limiting the temperature rise to 2 °C in 2100. The IPCC Sixth Assessment Report on Mitigation of Climate Change, released in April 2022, assessed a large number of scenarios that led to at least a 50 per cent chance of limiting the temperature rise to 2 °C in 2100. As noted on Figure 6, the Announced Pledges Scenario trajectory⁸ is within the envelope of these scenarios.
- In both the Announced Pledges Scenario and the NZE Scenario, Asia Pacific demand shrinks at a slower pace than North America (38 per cent reduction from 2021 to 2050 in Asia Pacific while North America demand declines by 71 per cent). This difference in the pace of the transition supports Trans Mountain's resilience.

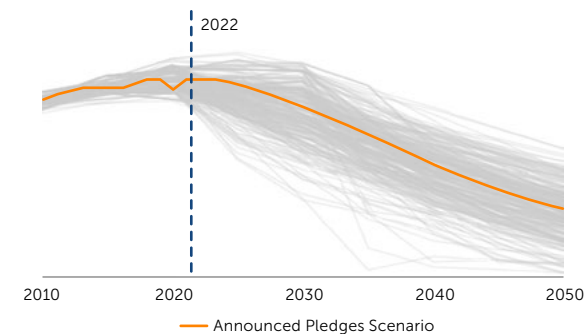
In the NZE Scenario, oil demand decreases to 23 mbd in 2050 and oil prices fall to around \$25 USD⁹ per barrel in 2050. Although this scenario is not a forecast, we believe that in order to compete in a world experiencing this low oil price environment and severe oil demand contraction, we would need to make substantial changes to how we operate our business. Some of the factors we could leverage in a NZE Scenario are:

1 | LEVERAGE COMMERCIAL TOOLS Although we rely on long-term contracts with our shippers, we can use a variety of commercial tools to align our offering with evolving upstream and downstream drivers. We would need to use these tools in a way that is commensurate with the regulatory and market changes we were observing, and which may include changes to tolls, risk allocation, return expectations, incentives and other mechanisms related to carbon.

2 | INVEST IN INCREASED FLEXIBILITY In an NZE Scenario, demand for liquid fuels for transportation would be severely contracted and the remaining demand would be driven by non-combusted uses. We would evaluate taking a portion of the pipeline out of service or repurposing a portion of the line to transport alternatives such as ammonia, natural gas liquids or others. To increase our resiliency, we would need to invest in technology to further increase the flexibility of our pipeline system and enable the continued transportation of new or different products. If we see signposts of a NZE Scenario, we would start by implementing technical and administrative changes to facilitate shipment of other products.



FIGURE 6 | ANNOUNCED PLEDGES SCENARIO COMPARED TO IPCC SCENARIOS WITH A TEMPERATURE RISE OF 2.0°C IN 2100
GtCO₂e



The Announced Pledges Scenario is within the range of outcomes that provide a 50 per cent chance of limiting the temperature rise to 2 °C in 2100. Source: IEA.

3 | FURTHER DECARBONIZE OUR OPERATIONS We already have a low GHG intensity but in an NZE Scenario we would need to maintain our leadership and outcompete our peers on the basis of carbon. We plan to continue to make investments to further decarbonize our operations. This would help differentiate our offering in a world increasingly focused on carbon and contribute overall to the reduced lifecycle carbon intensity of Canadian crude oil.

⁷ [https://www.canadianenergycentre.ca/worldwide-oil-reserves-and-investments-key-facts/#:~:text=Canada%20has%20the%20world's%20third,Venezuela%20\(304%20billion%20barrels\).](https://www.canadianenergycentre.ca/worldwide-oil-reserves-and-investments-key-facts/#:~:text=Canada%20has%20the%20world's%20third,Venezuela%20(304%20billion%20barrels).)

⁸ IEA. 2024. <https://www.iea.org/reports/global-energy-and-climate-model/understanding-gec-model-scenarios>

⁹ Oil price is a weighted average import price among IEA member countries

IV. Metrics and targets

We track the greenhouse gas (GHG) emissions generated by our daily operations. Most of our emissions are Scope 2 since we use electrically driven pumps to move products through the pipeline (see [page 22](#)).

Scope 3 emissions

Scope 3 GHG emissions are those generated upstream (including when the oil we transport is extracted) and downstream (including when the oil is used) of our business. In the next few years, we plan to conduct a readiness assessment of our Scope 3 emissions to begin understanding which categories of the GHG Protocol’s 15 categories of Scope 3 emissions are the most material to our business. Building the Expansion Project also generated GHG emissions. As part of our regulatory approvals, we have committed to offsetting the two main contributors to construction-related emissions: fuel consumed by trucks and heavy machinery during construction, and land clearing activities (specifically, areas permanently cleared along the pipeline easement). We have now developed our emissions offset plan that outlines our approach and criteria to purchasing high-quality offsets.

Targets

Trans Mountain’s looking-forward climate-related targets include:

- Reducing absolute GHG emissions of the expanded system by 100,000 tonnes of CO₂e by 2030, as an interim milestone target.
- Reaching net zero (Scope 1 and Scope 2) emissions by 2050.

Our Emissions Reduction Plan outlines our approach and the key strategies we may implement on our journey towards net zero by 2050. Our approach to setting targets strongly reflects our values and is guided by the following principles:

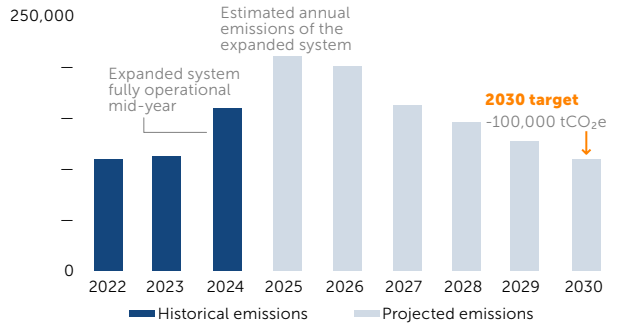
- Our targets will result in material, absolute and sustained reduction of our emissions.
- Our targets must consider the commercial and economic implications and be aligned with our customers.
- Our targets should be sufficiently flexible such that we may implement a variety of solutions to achieve our targets.
- Pursuit of our targets should prioritize actions that support Indigenous communities and advance Indigenous reconciliation.
- Achieving our targets will help Canadian energy compete in a global market where energy security and lower emissions are both important.

GHG EMISSIONS (TONNES CO ₂ E)	2020	2021	2022	2023	2024
Scope 1 GHG emissions	5,567	5,685	5,471	6,164	15,049
Scope 2 GHG emissions	106,234	99,360	103,556	106,301	144,055
TOTAL GHG EMISSIONS	111,801	105,045	109,027	112,465	159,104

In order to meet our targets, we plan to:

- 1 | IMPLEMENT EXISTING SYSTEM EFFICIENCIES AND INNOVATIONS** We have conducted a detailed review and analysis of our Scope 1 emissions. This data will help us to better understand the cost and magnitude of different emissions reduction options, including process efficiencies and alternative fuel sources.
- 2 | REDUCE THE CARBON INTENSITY OUR ENERGY CONSUMPTION** The vast majority of our Scope 2 GHG emissions are associated with electricity purchases in Alberta. The GHG intensity of Alberta’s grid continues to decline, supporting our decarbonization goals. To further reduce our emissions in Alberta, we may explore procuring renewable power from sources such as wind, solar and hydro facilities using virtual power purchase agreements.
- 3 | EXPLORE CARBON CREDIT AND OFFSET SOLUTIONS** Although our priority is to reduce our Scope 1 and 2 emissions through our direct actions and investments, we will consider the purchase of offsets to help meet our targets.

FIGURE 7 | TRANS MOUNTAIN’S TARGET TRAJECTORY net emissions (tCO₂e)



We estimate our Scope 1 and Scope 2 emissions to be approximately 210,000 tonnes of CO₂e per full year of operations of the expanded system. This estimate is based on several factors that could change in the future, including the carbon intensity of the electricity grids to which we are connected.

Appendices

Reporting on our progress transparently

PICTURED
Edmonton Terminal, AB

Other ESG-related questions

We sometimes receive questions about ESG topics which are not covered previously in this report. The following provides additional information on these topics:

What did you do with the waste from construction activities?

All employees, contractors and consultants were required to comply with applicable environmental regulations and Trans Mountain policies for the handling, storage, transportation and disposal of waste. Waste was characterized, classified and labelled so that it could be properly recycled or disposed of at approved facilities. Waste was recycled when possible and waste minimization were encouraged.

What do you use water for? Where does it go after it was used?

Our regular operations of the pipeline do not require large volumes of water. We primarily use water for hydrostatic testing which is a type of pressure test that fills the pipe with water after a repair or before new installation to make sure it is working properly. Utilized water is tested, and if it meets applicable discharge criteria then it is returned to the environment. If it does not meet criteria, it is treated or taken to a third-party facility for disposal.

During the Expansion Project, our main uses of water were for hydrostatic testing, dust suppression, horizontal directional drilling, cleaning and at worker camps. In determining the potential water sources required for use during the Expansion Project and the volumes and rates of withdrawal, many key environmental factors are considered including fish and other aquatic species; source water quality, quantity, location and other characteristics; and duration, rates and total volumes of withdrawal. We obtained applicable water use permits from the appropriate government authorities prior to any water withdrawal activities. In addition, water discharge or wastewater disposal was conducted in accordance with required approvals.

What is your process for deactivating pipelines or facilities which are end-of-life?

Once a pipeline is no longer operational, we follow all regulatory requirements around draining and cleaning the pipeline of any hydrocarbons, filling the pipe with an inert filler material such as nitrogen gas, and maintaining cathodic protection on the pipe to ensure it does not corrode. Although our main pipeline is not near its end of life, we are required by the CER to set aside funds that are protected in a trust to cover costs associated with abandonment. Trans Mountain intends to collect these funds over 40 years from our customers who transport oil products through our pipeline system. We file annual updates with the CER regarding the status of the fund. At the end of 2024, the fair value of the investments in the Trans Mountain Pipeline Reclamation Trust was approximately \$130 million. Read more about the trust on [our website](#).



Burnaby Terminal, BC

Performance table

CONTEXT	UNITS	2020	2021	2022	2023	2024
PRODUCT THROUGHPUT						
Trans Mountain Pipeline	barrels/day	312,000	299,000	323,000	348,000	555,000
Puget Sound Pipeline	barrels/day	196,000	189,000	209,000	231,000	234,000
Westridge Marine Terminal	barrels/day	39,000	35,000	31,000	41,000	241,000
ENVIRONMENT	UNITS	2020	2021	2022	2023	2024
ASSET INTEGRITY						
Pipelines operated	km	1,275	1,275	1,275	1,275	2,469
Total inspections conducted	count	4,429	4,742	4,704	4,982	5,956
Kilometres of liquid pipeline inspected (all types of inspections not just inline inspections)	km inspected	1,154	1,477	1,438	1,801	5,503
Percentage of liquid pipelines inspected	per cent	91	116	113	141	223
SPILLS FROM PIPELINES						
Number of pipeline incidents	count	0	0	0	0	0
SPILLS AT FACILITIES ¹						
Total number of reportable spills	count	1	1	0	0	1
Volume of reportable spills	m ³	190	7	0	0	3
CONSTRUCTION-RELATED SPILLS						
Total number of reportable spills	count	50	34	29	62	3
Volume of reportable spills	m ³	125	41	59	85	0

ENVIRONMENT	UNITS	2020	2021	2022	2023	2024
LAND						
Total land owned, leased, and/or operated	acres	21,110	21,506	21,556	21,719	17,235
Land owned, leased, and/or operated within sensitive areas	per cent	36	35	35	40	58
Land owned, leased, and/or operated within sensitive areas	acres	7,604	7,605	7,620	8,626	9,951
Total surface disturbance	acres	2,121	5,970	7,511	7,505	1,479
Impacted area reclaimed or restored ²	acres	10	424	2,770	6,135	1,379
CLIMATE CHANGE AND GHG EMISSIONS						
Scope 1 GHG emissions (direct)	tonnes CO ₂ e	5,567	5,685	5,471	6,164	15,049
Scope 2 GHG emissions (indirect)	tonnes CO ₂ e	106,234	99,360	103,556	106,301	144,055
Total GHG emissions	tonnes CO ₂ e	111,801	105,045	109,027	112,465	159,104
Construction-related fuel emissions ³	tonnes CO ₂ e	92,211	148,991	236,764	237,566	20,121
DIRECT EMISSIONS BY SOURCE						
Stationary combustion emissions	tonnes CO ₂ e	696	680	988	899	1,231
Emissions from Westridge VCU/flaring	tonnes CO ₂ e	2,952	2,746	2,829	3,544	11,325
Fugitive emissions ⁴	tonnes CO ₂ e	76	77	0	0	37
Venting/tank vapours ⁴	tonnes CO ₂ e	666	620	0	0	403
Fleet	tonnes CO ₂ e	1,178	1,561	1,634	1,721	2,054

¹ Reportable spills include commodities and non-commodities.

² Land is considered reclaimed once final clean-up is completed.

³ Includes only contracted companies’ fuel-related emissions. Emissions associated with land clearing are not included and will be reported at the end of the Project.

⁴ Crude oil analysis collected in 2022 and 2023 indicated non-detectable methane concentrations, therefore methane emissions from venting and fugitives were deemed negligible and numbers for these years have been reported as zero. Updated crude analysis in 2024 indicated trace concentrations methane present in crude oil products, resulting in reportable methane emissions.



ENVIRONMENT	UNITS	2020	2021	2022	2023	2024
AIR EMISSIONS						
Volatile organic compounds (VOCs)	tonnes	125	90	225	264	172
Particulate matter (PM ₁₀)	tonnes	101	78	82	54	17
Nitrous oxides (NOx)	tonnes	265	149	152	290	101
Sulphur oxides (SOx)	tonnes	17	10	10	19	7
ENVIRONMENTAL AND INDIGENOUS MONITORING (EXPANSION)						
Technical field studies and monitoring by third-party consultants	person days	13,771	20,443	40,165	23,087	1,803
Indigenous monitoring	person days	2,801	5,038	6,430	5,726	2,088
Environmental inspection	person days	9,978	15,474	18,781	7,260	5,867
SOCIAL	UNITS	2020	2021	2022	2023	2024
SAFETY (OPERATIONS AND EXPANSION)						
Recordable injury rate – employees	count per 200,000 exposure hours	0.59	0.00	0.47	0.56	0.16
Recordable injury rate – contractors	count per 200,000 exposure hours	0.52	0.58	0.52	0.50	0.47
Lost-time injury rate – employees	count per 200,000 exposure hours	0.00	0.00	0.23	0.19	0.00
Lost-time injury rate – contractors	count per 200,000 exposure hours	0.05	0.03	0.03	0.05	0.00
Fatalities	count	1	0	0	0	0
Motor vehicle incidents – employees	count	0	1	0	1	0
Motor vehicle incidents ⁵ – contractors	count	119	150	403	331	42

SOCIAL	UNITS	2020	2021	2022	2023	2024
LEADING INDICATORS						
Near misses reported ⁶	count	312	416	584	465	154
Inspections conducted ⁶	count	3,613	8,543	12,561	8,368	582
WORKFORCE NUMBERS AND RETENTION						
Total number of employees	count	390	439	513	663	711
Total number of contractors	count	1,217	1,582	1,760	784	534
Turnover rate, voluntary and involuntary	per cent	4	6	10	6	7
Turnover rate, voluntary	per cent	3	5	8	4	5
DIVERSITY AND INCLUSION						
Women, total workforce	per cent	29	29	30	35	35
Women, managers	per cent	24	24	33	37	34
Women, Executive Leaders	per cent	25	25	42	43	31
Women, Board members	per cent	33	33	50	50	50
OTHER DESIGNATED GROUPS						
Indigenous people	per cent	1.8	2.7	3.5	4.5	4.5
Visible minorities	per cent	13.8	15.3	13.5	18.9	18.7
People with disabilities	per cent	0.3	1.1	0.8	1.1	1.1

⁵ Motor vehicle incidents – contractors are incidents that occurred with non-Trans Mountain owned or operated vehicles and involved contractors who worked on the Expansion Project. As construction is now complete, we will no longer be calculating this metric.

⁶ Near misses and inspections conducted are considered leading indicators, for which benchmarks are in place and reporting is encouraged. These numbers are not normalized and reflect improved safety culture and increased exposure hours. The significant reduction in leading indicator activities in 2024 reflects the completion of the Expansion Project and the reduction in contractor activity.



SOCIAL	UNITS	2020	2021	2022	2023	2024
EMPLOYEE AGE CATEGORIES						
30 years and under	per cent	8	5	8	11	8
30 to 50	per cent	59	62	62	62	63
50 plus	per cent	33	33	30	27	29
ECONOMIC CONTRIBUTION						
Value generated ⁷	\$ million	3,311	5,425	9,017	9,763	4,004
Value distributed to:						
Suppliers and contractors	\$ million	2,792	4,248	5,956	6,586	1,265
Indigenous communities ⁸	\$ million	268	506	2,187	2,110	821
Providers of capital (Government of Canada) ⁹	\$ million	192	304	529	733	1,062
Employees (wages and benefits)	\$ million	89	122	151	143	187
Landowners	\$ million	59	75	102	121	69
Governments ¹⁰	\$ million	47	52	54	52	89
Communities and non-profits	\$ million	21	22	34	19	139

GOVERNANCE	UNITS	2020	2021	2022	2023	2024
ETHICS						
Employees/contractors who completed Code of Conduct training	per cent	98	100	100	100	100
CYBER SECURITY						
Individuals attended cyber awareness sessions	count	250	537	1,120	755	3,915
Number of system-wide phishing tests ¹¹	count	4	3	5	4	5

⁷ Value generated includes revenue, realized gains and losses and liquidity provided by capital contributions from Trans Mountain's owner and Trans Mountain's credit facilities.

⁸ Payments to Indigenous communities includes direct purchases and royalties paid to Indigenous communities.

⁹ Payments to providers of capital include dividends paid to our shareholders and interest paid.

¹⁰ Payments to governments include corporate taxes, property taxes, local and federal taxes, as well as Crown leases, rentals and land acquisitions.

¹¹ Our goal is to conduct a system-wide phishing test each quarter. However, the fourth test scheduled for Q4 2021 was delayed due to the BC flood response and was conducted in January 2022.



SASB index

REFERENCE	SASB INDICATOR	2024 DATA OR PAGE
GHG EMISSIONS		
EM-MD-110a.1.	Gross global Scope 1 emissions	15,049 tonnes CO ₂ e
EM-MD-110a.1.	Percentage methane	9
EM-MD-110a.1.	Percentage covered under emissions-limiting regulations	Not applicable
EM-MD-110a.2	Description of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	Pages 22–24, 56
AIR QUALITY		
EM-MD-120a.1	Nitrous oxides (NO _x [excluding N ₂ O])	101 tonnes
EM-MD-120a.1	Sulphur oxides (SO _x)	7 tonnes
EM-MD-120a.1	Volatile organic compounds (VOCs)	172 tonnes
EM-MD-120a.1	Particulate matter (PM ₁₀)	17 tonnes
ECOLOGICAL IMPACTS		
EM-MD-160a.1	Description of environmental management policies and practices for active operations	Pages 14–24
EM-MD-160a.2.	Percentage of land owned, leased, and/or operated within areas of protected conservation status or endangered species habitat	58
EM-MD-160a.3	Terrestrial acreage disturbed	1,479 acres
EM-MD-160a.3	Percentage of impacted area reclaimed	93
EM-MD-160a.4	Number of hydrocarbon spills	1 reportable spill
EM-MD-160a.4	Volume of hydrocarbon spills	3 m ³
EM-MD-160a.4	Volume in Arctic	Not applicable, we do not operate in the Arctic
EM-MD-160a.4	Volume in Unusually Sensitive Areas (USAs)	Not reported
EM-MD-160a.4	Volume of spills recovered	Not reported

REFERENCE	SASB INDICATOR	2024 DATA OR PAGE
COMPETITIVE BEHAVIOR		
EM-MD-520a.1.	Total amount of monetary losses as a result of legal proceedings associated with federal pipeline and storage regulations	Not reported
OPERATIONAL SAFETY, EMERGENCY PREPAREDNESS AND RESPONSE		
EM-MD-540a.1.	Number of reportable pipeline incidents	0
EM-MD-540a.1.	Number of reportable pipeline incidents that are significant	0
EM-MD-540a.2.	Percentage of natural gas inspected	We do not have natural gas pipelines
EM-MD-540a.2.	Percentage of liquid pipelines inspected	223
EM-MD-540a.3	Number of accident releases from rail transportation	Not applicable, we do not use rail transportation
EM-MD-540a.3	Number of non-accident releases (NARs) from rail transportation	
EM-MD-540a.4	Discussion of management systems used to integrate a culture of safety and project lifecycles	Pages 30–31, 42

Fighting against forced labour and child labour in supply chains report 2025

This report is provided in accordance with the *Fighting Against Forced Labour and Child Labour in Supply Chains Act* (“the Act”) for the year ending December 31, 2024.

Our business

Trans Mountain Corporation is a federal Crown corporation and a wholly owned subsidiary of Canada TMP Finance Ltd., which in turn is a wholly owned subsidiary of the Canada Development Investment Corporation. We conduct our operations through four entities (read more in the sidebar). This report covers Trans Mountain Corporation and these four entities.

400+
direct suppliers
in our value chain

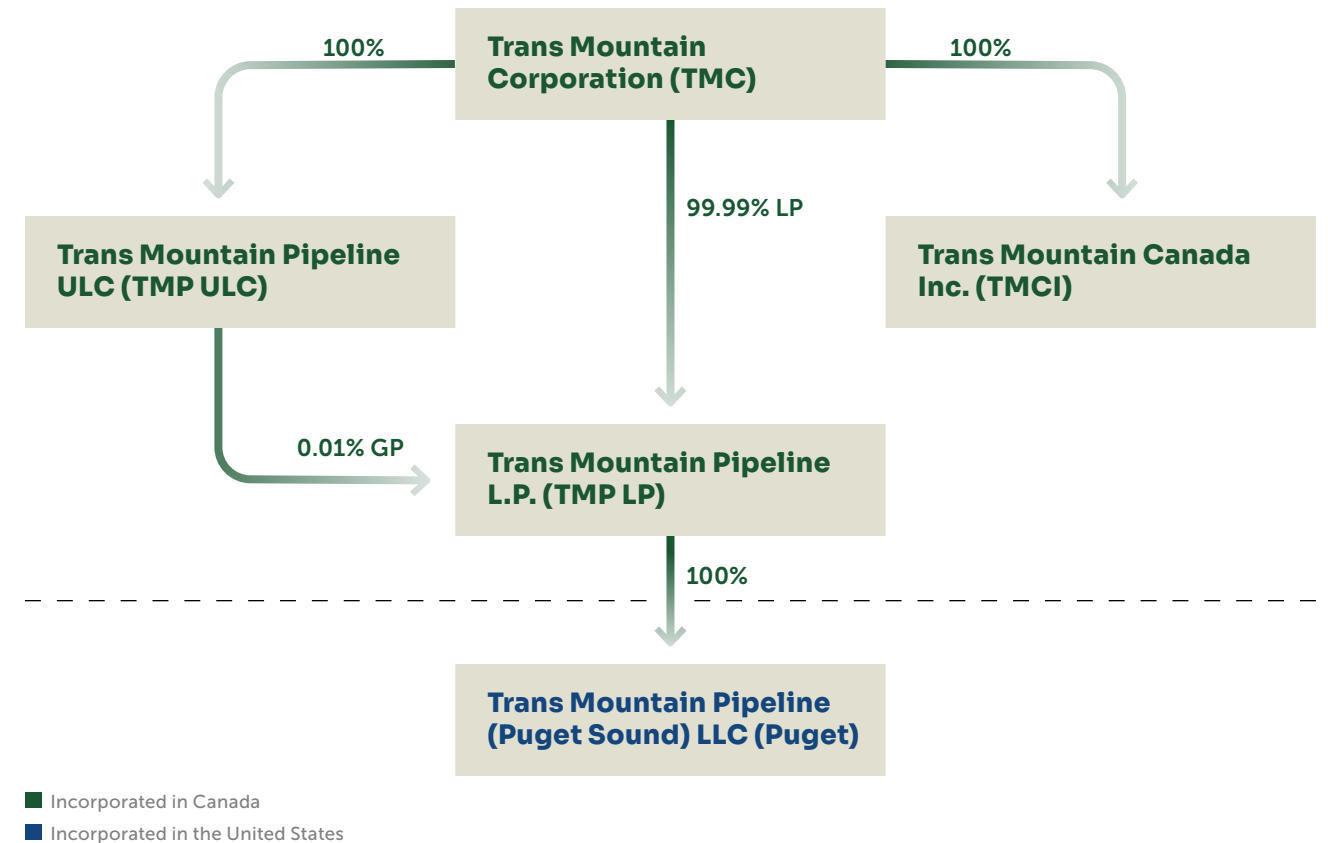
We operate Canada’s only pipeline system transporting oil products to the West Coast. We have the capacity to deliver approximately 890,000 barrels of oil products each day through a pipeline system that runs through Alberta and British Columbia in Canada, to Washington in the United States. We also operate a loading facility, Westridge Marine Terminal, in Burnaby, British Columbia.

Our headquarters are located in Calgary, Alberta, with regional offices along the pipeline corridor in Alberta, British Columbia and Washington state. On December 31, 2024, Trans Mountain had 711 full-time employees and 534 contractors across our business.

Supply chain due diligence

Trans Mountain is committed to addressing and combatting risks of forced labour and child labour in our own operations and across our supply chain, and upholding internationally recognized human rights as reflected in the United Nations Universal Declaration of Human Rights. We procure goods and services from more than 400 direct suppliers across a range of industries. We have taken steps to understand the risk of forced labour or child labour from these suppliers and plan to address potential risks. Based on our initial assessment, we believe the overall risk of forced labour or child labour in our direct supply chain is low.

TRANS MOUNTAIN'S CORPORATE STRUCTURE



Trans Mountain is a federal Crown corporation that conducts its operations through four wholly owned subsidiaries: Trans Mountain Pipeline (Puget Sound) LLC, Trans Mountain Pipeline ULC, Trans Mountain Pipeline L.P., and Trans Mountain Canada Inc. Together, these entities own and operate the Trans Mountain Pipeline System, consisting of the expanded Trans Mountain pipeline system and the Puget Sound pipeline. This report covers Trans Mountain Corporation and the above entities. In this report, “Trans Mountain” refers to Trans Mountain Corporation and its direct and indirect subsidiaries.

What we have done

In 2024, we conducted a desktop risk assessment of our direct suppliers to assess risks of forced or child labour in our supply chain. This assessment considered the origin country of these suppliers to identify if they come from countries of high vulnerability and prevalence of modern slavery as determined by Walk Free, an international human rights group focused on the eradication of modern slavery. This assessment confirmed our direct suppliers have a low risk for involvement in forced or child labour. A summary of the top five countries we source goods and services from is in the table below. These five countries made up 99.98 per cent of our total spend in 2024.

COUNTRY OF ORIGIN	NUMBER OF TRANS MOUNTAIN'S SUPPLIERS HEADQUARTERED IN THIS COUNTRY	PERCENTAGE OF TRANS MOUNTAIN'S SPEND IN 2024	ASSESSMENT RESULTS
Canada	1,284	98.32%	Low risk for vulnerability and prevalence
United States	185	1.56%	Low risk for vulnerability and prevalence
Italy	1	0.08%	Low risk for vulnerability and prevalence
United Kingdom	6	0.01%	Low risk for vulnerability and prevalence
Netherlands	2	0.01%	Very low risk for vulnerability and prevalence

Next steps

We are currently updating our procurement processes to require new potential suppliers to confirm they are compliant with the Act as part of our due diligence process. Their compliance with the Act, along with other internal criteria, will be used to determine which suppliers are awarded contracts. Additionally, our supply chain team will be updating existing contract templates to include compliance with the Act as a contractual obligation. Future contracts granted will also contain a provision allowing us to audit suppliers to verify they are compliant with the Act.

Policies

The following codes and policies formalize our approach to and requirements for upholding human rights across our operations and supply chain:

Code of Business Conduct and Ethics

We conduct our business in accordance with our Code of Business Conduct and Ethics ("the Code"), which outlines our approach to upholding high standards of ethical conduct. We require all Trans Mountain employees, contractors, suppliers and business partners to uphold the standards in the Code. In 2024, we updated the Code to explicitly address our commitment to upholding human rights. This new content will be part of each employee's annual review and attestation of the Code.

Supplier Code of Conduct

Our Supplier Code of Conduct mandates that our suppliers maintain high standards of ethics and integrity while working with Trans Mountain. Our suppliers are responsible for upholding compliance with our Supplier Code of Conduct within their businesses and supply chains. In late 2024, we updated our Supplier Code of Conduct to include specific mentions of our commitment to upholding human rights and added a provision requiring our suppliers to provide fair and legal pay to their workers. In 2025, we plan to update the Code to incorporate compliance with the Act.



Burnaby Terminal, BC



Construction at Burnaby Terminal, BC

Whistleblower Policy

Our Whistleblower Policy outlines the process for reporting wrongdoings across the company. Reports of behaviour not in alignment with our codes and policies can be reported through our third-party Ethics Hotline. We promptly initiate an investigation into any reported allegation or suspicion of a violation of our codes, policies or a law or regulation, including instances of suspected forced labour or child labour. If the investigation finds a violation, we take appropriate action, which is overseen by Trans Mountain management and/or the Ethics Committee.

Training

In addition to the mandatory annual training on our Code of Business Conduct and Ethics for employees, we also plan to provide training to our supply chain team members and other personnel involved in the procurement of goods and services on the Act and on the updated Supplier Code of Conduct and associated procedures. This training aims to inform personnel of the Act and the changes to our policies and procedures to ensure compliance with the Act. We aim to complete the delivery this training in 2025.

Remediation

We understand efforts to prevent and reduce the risks of forced labour and child labour can have the unintended consequence of contributing to a loss of income for vulnerable families. At present, Trans Mountain is not aware of any need to remediate the loss of income to families.

Assessing effectiveness

In 2024, we established a team to oversee our activities relating to forced labour and child labour. This team is composed of: our SVP Finance and Treasury; our Director, Supply Chain; our Director, Corporate Reporting; and our Supply Chain Contract Specialist. This team meets monthly to track progress on activities, evaluate their effectiveness, plan future actions and review any performance indicators, such as reports of suspected forced labour or child labour. Our Board of Directors reviews our Fighting Against Forced Labour and Child Labour in Supply Chains Report annually.

Forward-looking statements

This report contains certain forward-looking information and statements (“forward-looking statements”). Forward-looking statements relate to future results or events, are based upon internal plans, intentions, expectations, and beliefs, and are subject to risks and uncertainties that may cause actual results or events to differ materially from those indicated or suggested therein. All statements other than statements of current or historical fact constitute forward-looking statements. Forward-looking statements are typically, but not always, identified by words such as “anticipate”, “estimate”, “expect”, “intend”, “forecast”, “continue”, “propose”, “may”, “will”, “should”, “believe”, “plan”, “target”, “objective”, “project”, “potential” and similar or other expressions indicating or suggesting future results or events. The forward-looking statements reflect Trans Mountain’s beliefs and assumptions with respect to such things as the outlook for general economic and market trends and conditions, industry and ESG trends, the integrity and reliability of Trans Mountain’s assets, and the governmental, regulatory and legal environment. Forward-looking statements are not promises of future outcomes. There is no assurance that the results or events indicated or suggested by the forward-looking statements, or the plans, intentions, expectations or beliefs contained therein or upon which they are based, are correct or will in fact occur or be realized (or if they do, what benefits may be derived therefrom).

In particular, this report contains forward-looking statements pertaining to, without limitation: plans, targets, and strategies with respect to reducing greenhouse gas and other emissions and anticipated reductions in emissions levels; future risk mitigation activities; impacts based on scenario analysis; continued benefits resulting from the Expansion Project including reaching new market opportunities and community benefits; tariffs and potential changes in strategy; expected generation of emissions; increased pipeline capacity; expansion and enhancement of the marine terminal; monitoring capability; reclamation activities and funding commitments; future response capacity and improved spill response; economic contributions; fostering inclusion and diversity and supporting mental health and psychological well-being; and our overall future plans and prospects. Undue reliance should not be placed on these forward-looking statements and information as they are based on assumptions made by Trans Mountain as of the date hereof regarding, among other things: oil and gas industry exploration and development activity levels; commodity prices; maintenance of and renewal of long term supplier commitments; the availability and efficacy of various technologies; the success of our operations; that future results of our operations and related activities will be consistent with past performance and/or anticipated performance and management expectations related thereto; availability of individuals with skills required to execute on our business objectives and strategy; general compliance with Trans Mountain’s plans, strategies, programs and goals across its reporting and monitoring systems among our employees, stakeholders and service providers;

our ability to successfully engage Indigenous and other stakeholders; the success of growth projects; existing regulatory, tax, environmental and other laws and regulations; the pace of energy transition; and other assumptions as detailed in Trans Mountain’s Management Report for the year ended December 31, 2024 as updated by quarterly Management Reports. While Trans Mountain believes the expectations and assumptions reflected in these forward-looking statements are reasonable as of the date hereof, there can be no assurance that they will prove to be correct. Forward-looking statements are subject to known and unknown risks and uncertainties which may cause actual performance and financial results to differ materially from the results expressed or implied, including but not limited to: our ability to implement our strategic priorities and business plan and achieve the expected benefits; the strength and operations of the oil and natural gas industry and related commodity prices and market conditions; our relationships with external stakeholders, including Indigenous stakeholders; reliance on key personnel and third parties; shortages or disruptions in the availability of labour, human capital and/or materials; actions by governmental and regulatory authorities, including changes in laws or regulatory processes or increased environmental regulation; fluctuations in operating results; adverse general economic and market conditions in Canada, North America and elsewhere; risks related to commodity price fluctuations; constraints on, or the unavailability of, adequate infrastructure and technology; changes in the political environment in Canada; the ability to access sources of financing; the effectiveness of our risk management and other programs;

ability to expand, update and adapt our infrastructure on a timely and effective basis; technology and security risks including cyber security risks; reputational risks; demonstrations or protests impacting operations; potential litigation and disputes; extreme weather events and natural catastrophes.

Readers are cautioned that this list of risk factors should not be construed as exhaustive. The forward-looking statements contained in this document speak only as of the date of this document. Unless required by law, Trans Mountain assumes no obligation to update forward-looking statements and information should circumstances or management’s expectations, estimates, projections or assumptions change. The forward-looking statements contained in this document are expressly qualified by this cautionary statement.

Other cautions

The terms “sustainability”, “ESG”, “net zero”, “decarbonization” and similar terms, taxonomies, methodologies, criteria and standards are evolving in terms of both meaning and scope. The use of such terms in this report reflects Trans Mountain’s internal definitions, which may vary over time to reflect such evolution, and may not align with the meanings ascribed to such terms by others. In quantifying certain sustainability-related measures, including Scope 2 emissions, Trans Mountain must rely on data obtained from third party sources, which Trans Mountain believes to be reliable but which it has not independently verified.

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