

# THE FACTS ON THE TRANS MOUNTAIN PIPELINE

Canada is a global leader in responsible energy production and innovative solutions that reduce carbon emissions and create middle-class jobs. The Trans Mountain Pipeline Expansion (TMX) from Alberta to British Columbia, a twinning of the original pipeline, fits this mold—balancing environmental stewardship with economic development to advance a clean-growth future. The Government of Canada’s climate plan puts a price on carbon pollution across Canada and, along with Alberta’s hard cap on oil sands emissions, takes into account the upstream emissions associated with TMX.

## PRESERVING OUR ENVIRONMENT & COASTAL WATERS

The Government of Canada is committed to fostering the responsible exploitation of natural resources and do more to simultaneously protect our environment. This is why the Government of Canada is investing \$1.5 billion CAD in the Oceans Protection Plan. The plan will:

- Increase West Coast emergency response capacity and reduce risks associated with transporting natural resources by ship.
- Provide new tools and research to better restore and protect marine ecosystems and habitats.
- Fund expanded research on how oil behaves in water and spill-response technology.

In addition, we have amended our laws to strengthen the “Polluter-Pays” principle, holding operators of oil pipelines liable regardless of fault. We have also set tougher requirements on industry to act quickly in the event of an incident.



## MARINE TRANSPORTATION SAFETY & SECURITY

Canada is taking every step possible to ensure natural resources are transported safely, cleanly, and efficiently through our waterways. Expanding the Trans Mountain Pipeline will not change this or significantly increase risk.

Once the project is complete, Trans Mountain tankers will represent less than 7% of the total large commercial marine vessels transiting the Juan de Fuca Strait.

Further, we are putting in place enhanced safety measures that will also benefit marine traffic from Alaska to Seattle:

- Building four new West Coast lifeboat stations for faster response times; and a new environmental response depot with state-of-the-art equipment and a dedicated team of professionals.
- Increasing towing capacity and installing towing kits on major Canadian Coast Guard vessels to preempt marine incidents.
- Planning to share real-time marine traffic information with local communities by installing new radar sites to improve safety in key locations.
- All outbound TMX tankers will be escorted by tug vessels through the Georgia and Juan de Fuca Straits and receive extended pilot guidance to the Race Rocks area.



## PROTECTING WHALES & MARINE WILDLIFE

The Whales Initiative puts \$167 million CAD toward addressing threats to the Southern Resident Killer Whales and other endangered whale species, including food supply, noise, and marine traffic. We have implemented a real-time whale detection system to alert mariners to the presence of whales, so they are not disturbed. As of July 2018, all marine vessels must stay at least 200 meters away from killer whales. In addition, the \$75 million CAD Coastal Restoration Fund provides resources to protect and restore coastal maritime ecosystems that may be disrupted from natural resource extraction or transportation.

## AN INCLUSIVE & TRANSPARENT PROCESS

Building a pipeline in Canada requires extensive stakeholder engagement, environmental assessments, and a variety of permits before work can begin.

The Trans Mountain Pipeline Expansion is no exception and has involved the most rigorous assessment and consultation process in Canadian history.

For example:

- For the first time, the Government of Canada created an Indigenous Advisory Monitoring Committee to ensure Indigenous leaders were thoroughly consulted at all stages of the project.
- Representatives of the Government of Canada discussed the project at nearly 50 public meetings and in 600 presentations. 55,000 public comments, including from U.S. stakeholders, were reviewed and taken into consideration.
- Before the pipeline expansion moves forward, the National Energy Board is requiring the project to meet 157 binding conditions.

