

TRANS MOUNTAIN PIPELINE:

# NOT WORTH THE RISK

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City of Vancouver  
Presentation to Ministerial  
Panel  
August 16, 2016



We have taken an evidence-based approach to assessing TMEP



An aerial photograph showing a large, dark, irregular spill of fuel in the ocean. Several long, narrow containment vessels (booms) are deployed around the spill, attempting to contain it. The water is dark, and the spill area is a lighter, murky brown. The sky is visible in the upper left corner, showing a bright light source.

# M/V Marathassa Fuel Spill

> 2,800 L released

The risk of an oil spill from TMEP-related tankers could be devastating

**> 2,800L  
M/V Marathassa  
Spill**



**16,000,000L  
TMP Worst Case  
Spill**

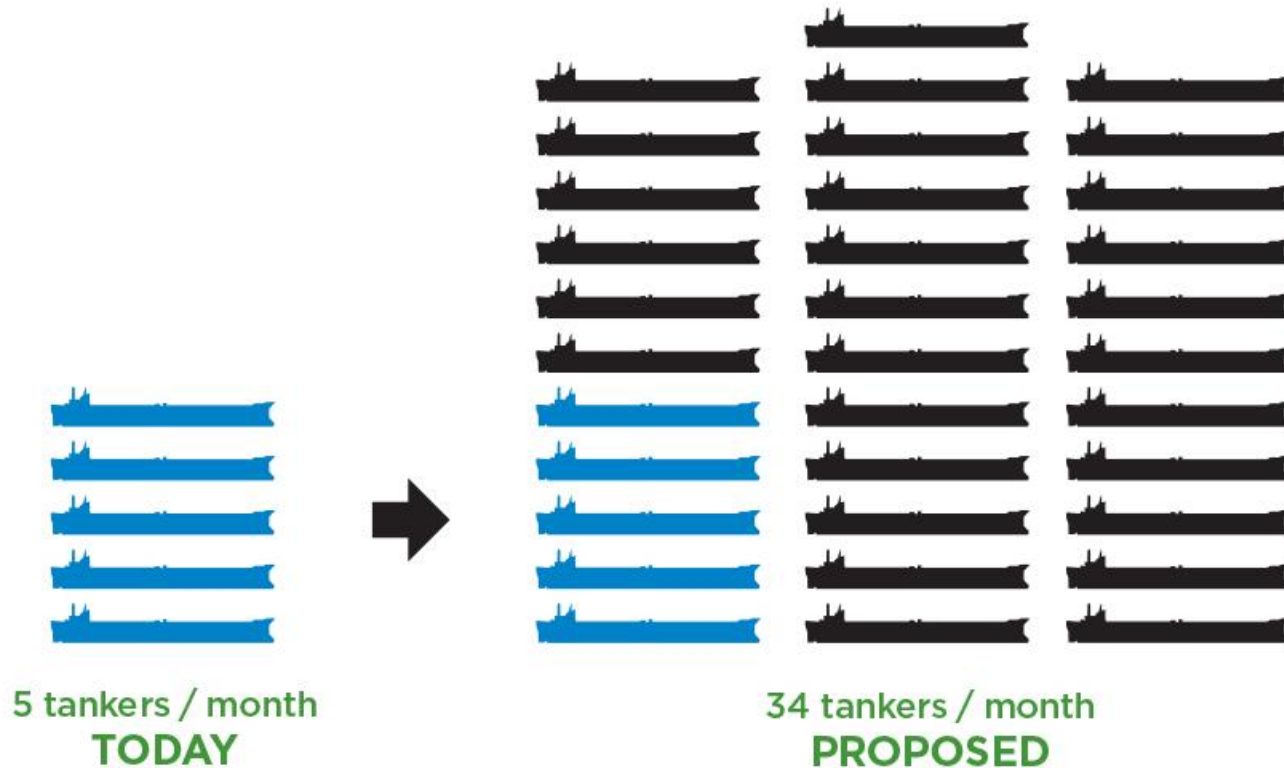


**~80,000,000L  
Oil in a Tanker**



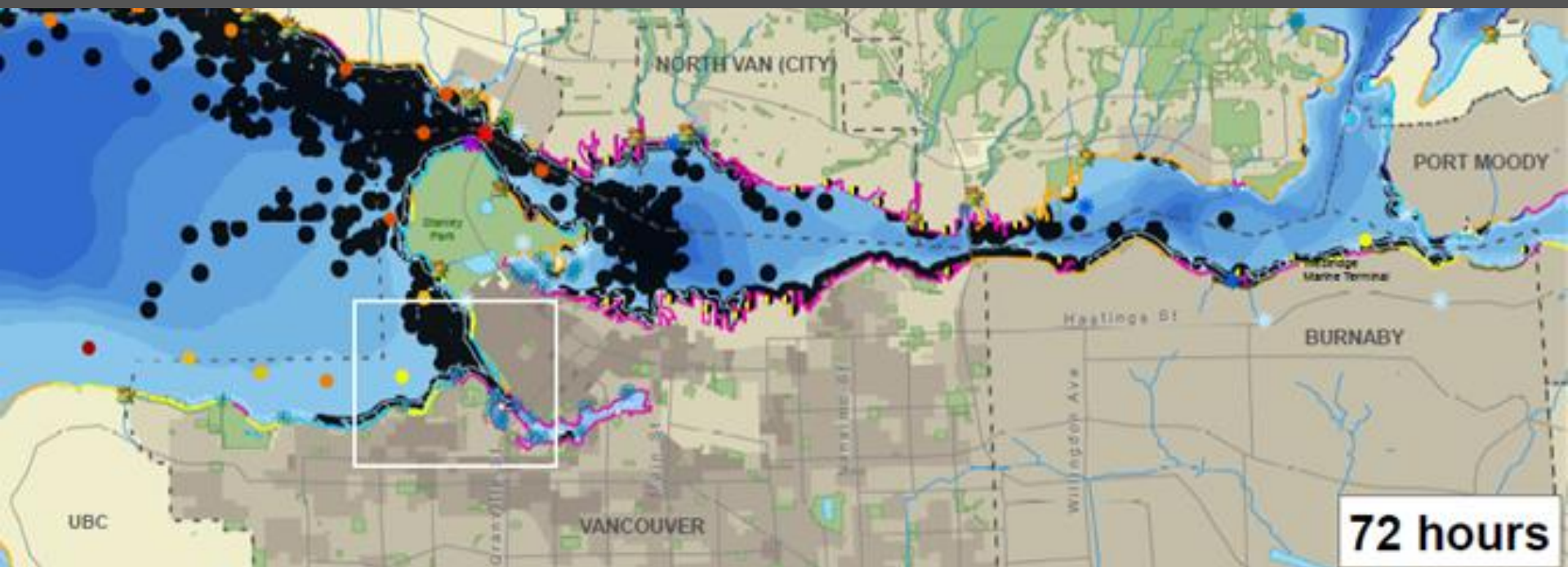


$$\text{RISK} = \text{LIKELIHOOD} \times \text{CONSEQUENCES}$$



One tanker will transit Vancouver waters  
at every daytime high-tide.

TMP & NEB failed to properly assess the risk of oil spills.



Worst-case scenario:  
16 million litres of oil in local waters  
(1/5 of volume in a project-related tanker)

*Map by Living Oceans Society*





*Lighthouse Park, West Vancouver*

# What's at risk? Public health

Metro Vancouver evidence showed up  
to 1 million people may be  
potentially exposed to unsafe  
levels of benzene.



*Sargeant Bay, Sunshine Coast*



*Stearman Beach, West Vancouver*

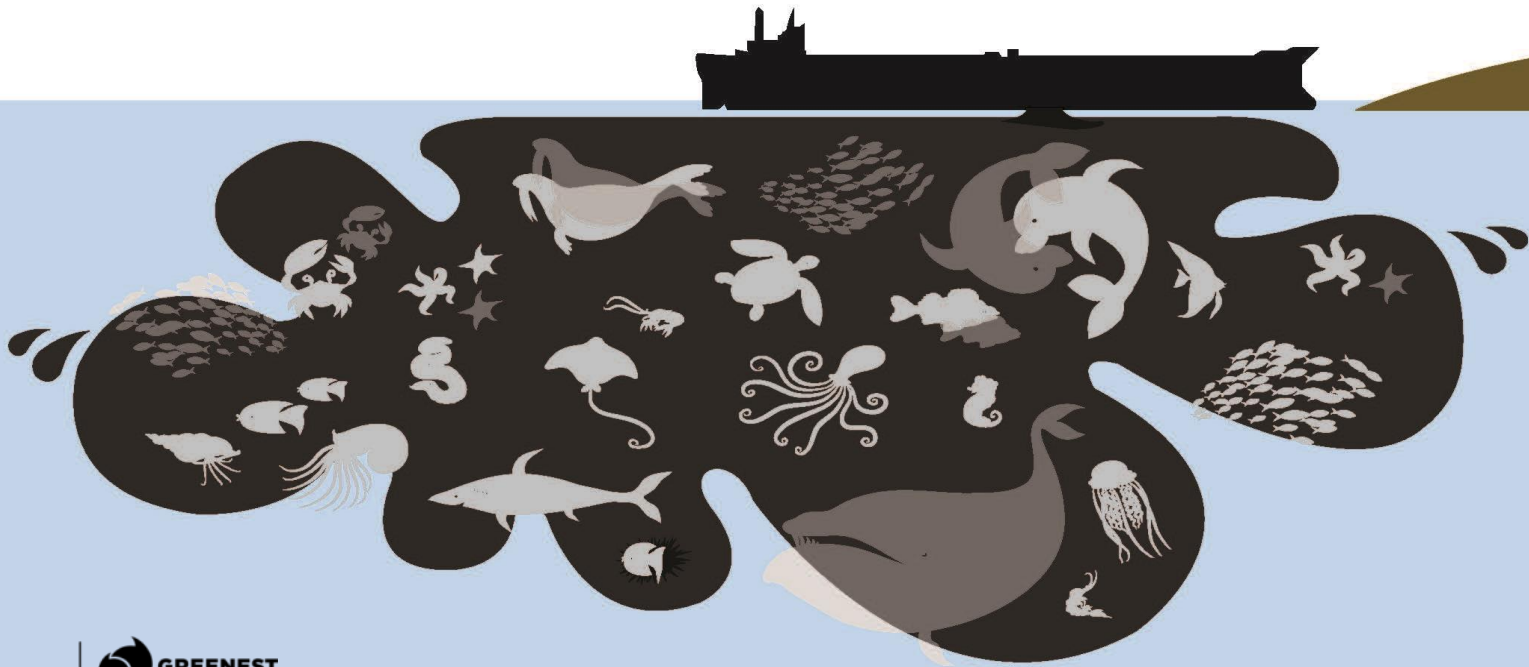
# What's at Risk?

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100,000+ sea and shorebirds could **die**

Harbour seals and salmon could be **decimated**

The endangered southern resident killer whale population would be at risk of **extinction**





# What's at Risk? Our Economy

Ocean-dependent economy

Potential losses =  
\$201 - 687 million in GDP

How could a pipeline possibly  
fit with Canada's future low  
carbon economy and Vancouver's  
Renewable City?

## WHAT DOES A RENEWABLE CITY LOOK LIKE?

As part of the City's efforts to become the Greenest City in the world, the City has pledged to use 100% renewable energy by the year 2050. This means that Vancouver will use energy from hydro, wind, solar and geo-thermal (heat stored in the ground), and doesn't release carbon or other pollution.

Drawings show what you think Vancouver will look like in the year 2050. Drawings can be of your school, your favorite park or the entire city.



TMEP is incompatible with  
Canada's and the international  
community's climate  
commitments.



*Minister Catherine McKenna at COP21 in Paris, December 2015*



TMEP-related downstream GHG emissions  
(not considered by the NEB and CEAA GHG  
Methodology) are estimated to be 10x higher  
than upstream emissions.

**7,150**

Tonnes GHG/day

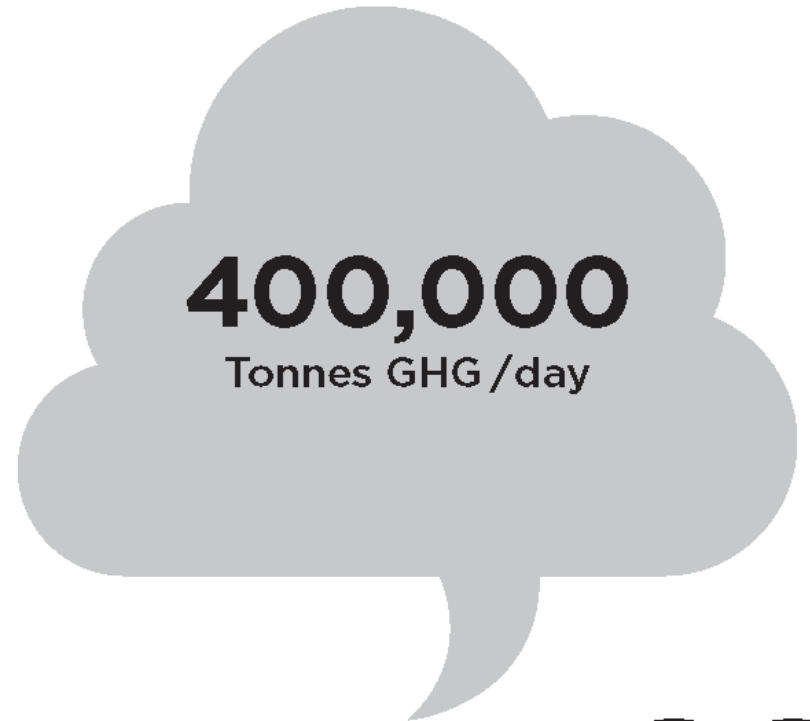


**TODAY**

City of Vancouver

**400,000**

Tonnes GHG/day



**PROPOSED**

Trans Mountain  
Pipeline Expansion



There is no real economic need for the pipeline.

# The NEB process was flawed and led to an unlawful and invalid NEB recommendation.

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- No oral cross examination
- No way to adequately test TMP's evidence
- An inadequate information-request process
- Lack of proper public consultation and engagement





There's no social license for TMEP



The image shows a large crowd of people participating in a protest. In the foreground, a large white banner with the text "No to Pipelines!" is held across the crowd. To the left of the banner is a logo featuring a stylized oil drop with a skull inside. Below the banner, the text "NO PIPELINES" is visible. The crowd is holding various signs, including "WET'SUWET'EN", "HOLD THE LINES!", "WE MUST PROTECT OUR TERRITORIES - HARPER WON'T", "NO!", "TO ENHANCE", "HOLD THE WALL", "NO SUCH THING AS 'ETHICAL OIL'", "HURTS OUR OWN PEOPLE", "FOR FIRST NATIONS", "NO SUCH THING AS 'ETHICAL OIL'", "HOLD THE WALL", "HURTS OUR OWN PEOPLE", "FOR FIRST NATIONS", "NO SUCH THING AS 'ETHICAL OIL'", "HOLD THE WALL", "HURTS OUR OWN PEOPLE", "FOR FIRST NATIONS". The background shows a city skyline with tall buildings and trees.



## PIPELINES



This is a question  
of democracy.

With so much  
at stake, and  
no benefit to a  
future low-carbon  
Canada, this  
pipeline is  
**NOT WORTH THE RISK.**