

SEA LEVELS
ARE RISING



By how much?

The City expects
ONE METRE
of sea level rise by
2100.

Preparing now means
we can make our city greener,
better, and more resilient.

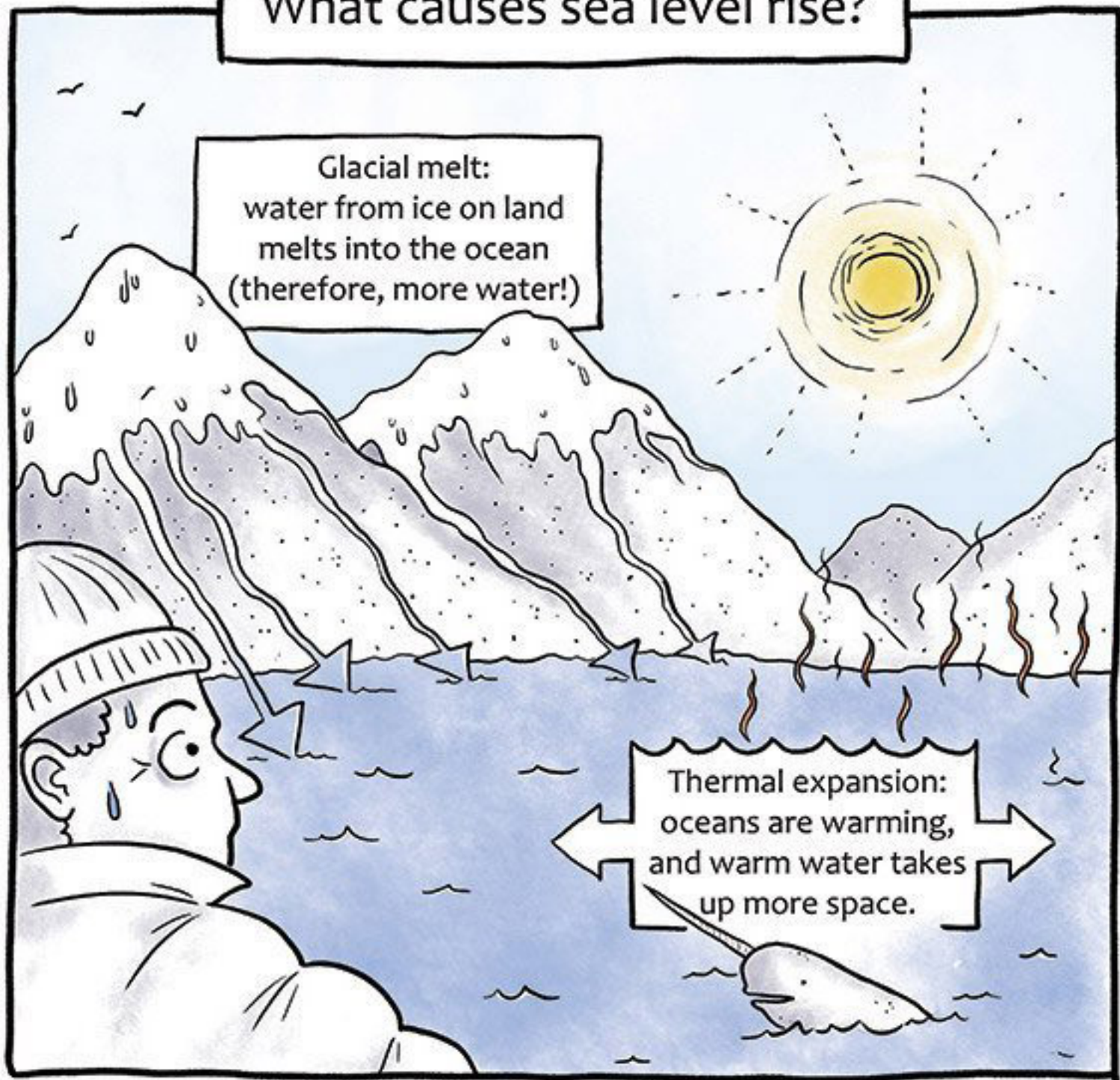
If we do nothing, we risk
increasingly frequent flooding
of parks, the seawall, beaches,
homes, and infrastructure.



What causes sea level rise?

Glacial melt:
water from ice on land
melts into the ocean
(therefore, more water!)

Thermal expansion:
oceans are warming,
and warm water takes
up more space.




Why is this happening?

Greenhouse gases, caused by burning fossil fuels and methane gases from landfills and natural sources, are building up in the atmosphere.

This increases Earth's natural greenhouse effect, warming the planet and oceans. This leads to sea level rise.



Why do we care?



Shorelines and beaches are important to Vancouverites and help make our city the wonderful place it is. Homes, businesses, and infrastructure could also be at risk.

It's all worth protecting!





What is the City doing?

The City is starting adaptation planning.

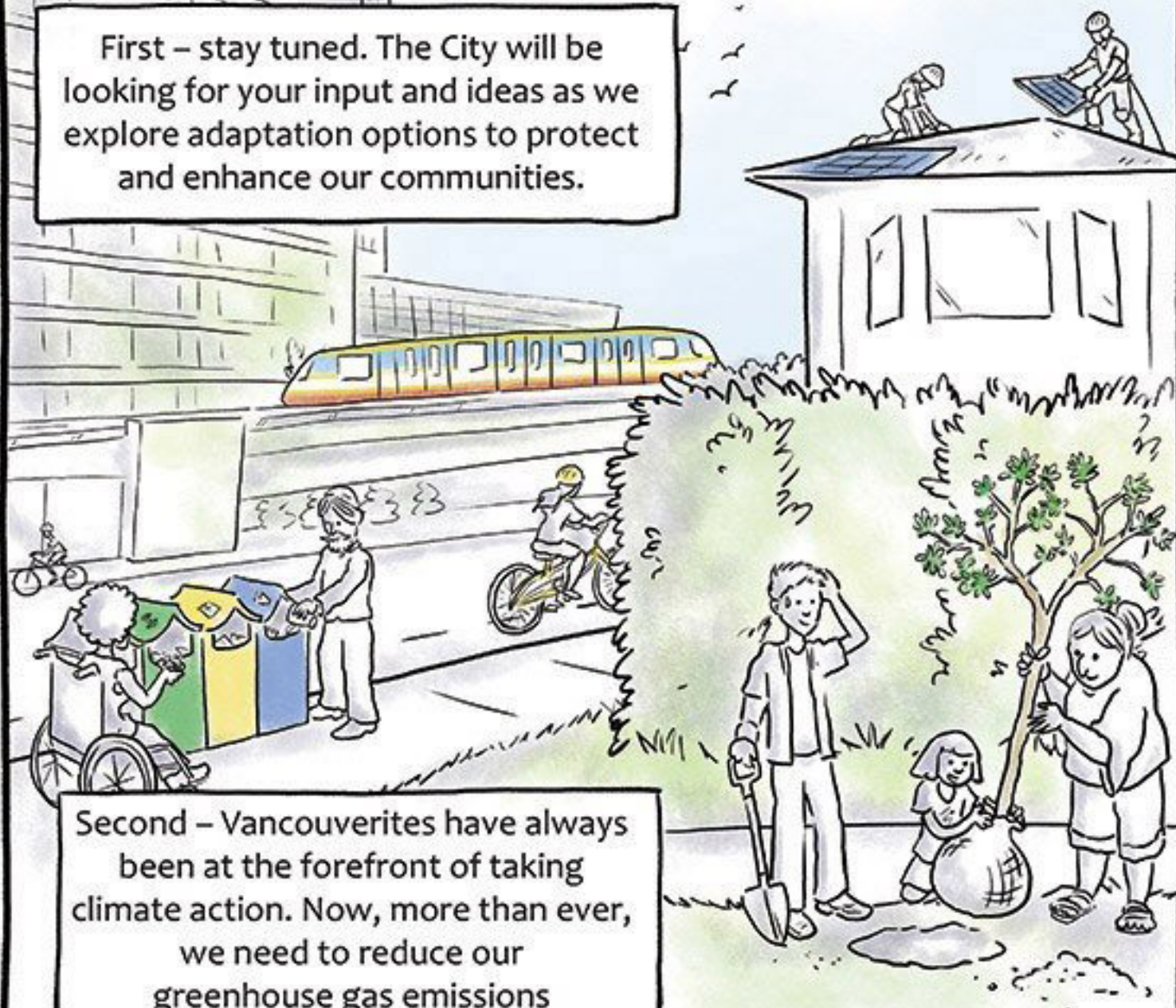
That means coming together, learning about what may happen, and figuring out how to be prepared and resilient.



What can we do now?

First – stay tuned. The City will be looking for your input and ideas as we explore adaptation options to protect and enhance our communities.

Second – Vancouverites have always been at the forefront of taking climate action. Now, more than ever, we need to reduce our greenhouse gas emissions



Draw the line on climate change!



To help fight climate change,
I pledge to reduce my
greenhouse gas emissions by:

Ideas for inspiration

- Discover a new bus route: plan to take a bus for 1 new trip next week
- Identify & implement 1 way to reduce energy use at home
- Compost all food scraps
- Ride a bike to work or school 1 day next week
- Plan a Meatless Monday meal with your family/friends

Post a photo of your pledge to twitter with
#VanSeaLevelRise by Oct 30, 2017 & be entered to win!
vancouver.ca/sealevelrise

