



CLIMATE EMERGENCY

ACTION PLAN SUMMARY 2020-2025



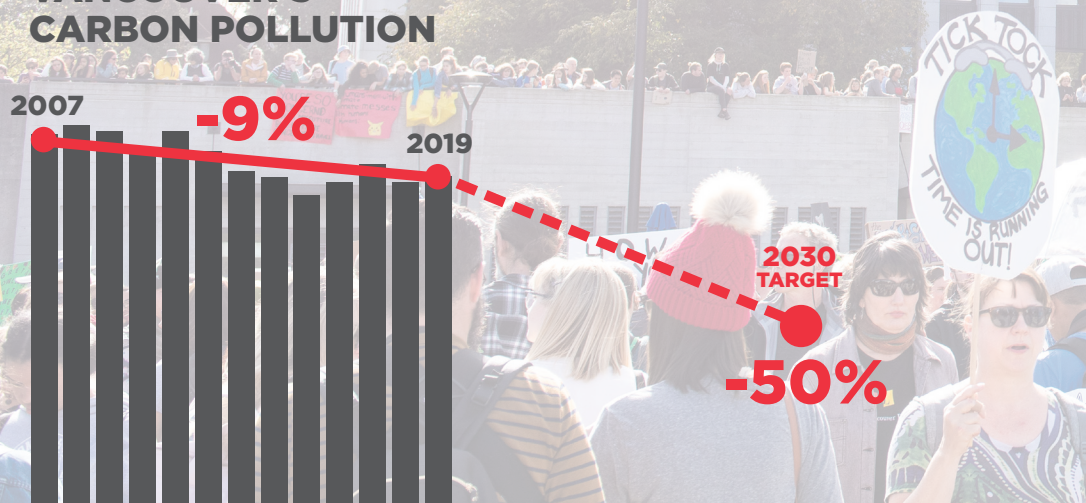
OVERVIEW

THE WORLD IS ON TRACK FOR 3-4°C WARMING by the end of the century. To avoid catastrophic climate change, the United Nation's Intergovernmental Panel on Climate Change warns that **we must limit warming to 1.5°C**. This means slashing carbon pollution globally by 45% below 2010 levels by 2030, and reaching net zero by 2050.

VANCOUVER HAS SET BOLD TARGETS to cut carbon pollution in half by 2030, and to be carbon neutral before 2050. This means cutting our carbon faster than ever before.

VANCOUVER STANDS TOGETHER WITH OVER 1,700 JURISDICTIONS worldwide in declaring a climate emergency and committing to bold action to tackle this global threat.

VANCOUVER'S CARBON POLLUTION



CLIMATE CHANGE AFFECTS PEOPLE DIFFERENTLY.

Often, those who contributed least to causing it will experience the worst impacts. Climate justice will be a key part of our work, aiming to overcome historic discriminatory City legacies.

WHERE VANCOUVER'S CARBON POLLUTION COMES FROM

54%
natural gas use
in buildings

39%
gas and diesel
in vehicles

— **2%**
electricity

— **4%**
waste

THE CLIMATE EMERGENCY ACTION PLAN

will tackle Vancouver's biggest local sources of carbon pollution—buildings and transportation—as well as capture carbon from the atmosphere.

2019 EMISSIONS INVENTORY, CITY OF VANCOUVER

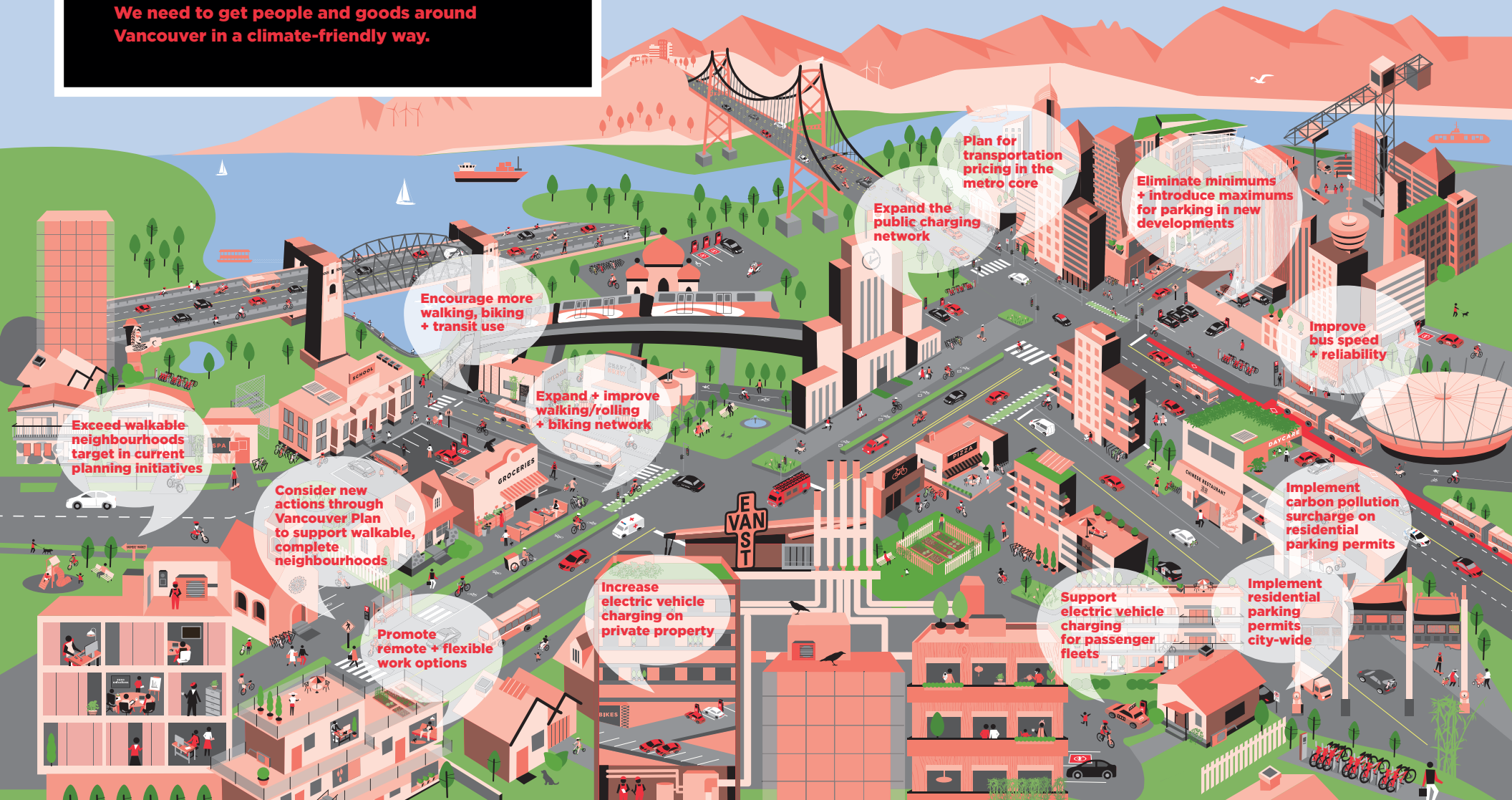
Due to rounding, numbers presented do not add up to exactly 100%.

HOW WE MOVE

We need to move around the city differently.
We need to get people and goods around
Vancouver in a climate-friendly way.

By 2030, we're aiming for:

- 90% of people living within an easy walk or roll of their daily needs
- Two-thirds of trips in Vancouver to be by active transportation and transit
- 50% of the km driven on Vancouver's roads to be by zero emissions vehicles



By 2030, low-cost sustainable transportation options will be easy, safe and reliable. People can get to work, school and other destinations without needing to rely on gas and diesel vehicles. There will be less noise and pollution.

You'll notice:

- Bus priority along 10 key corridors
- Connected cycling and walking networks and more EV charging across the city
- More space for walking, cycling and transit in the metro core thanks to transport pricing
- And much more.

HOW WE BUILD AND RENOVATE

We need to build and renovate differently. We have to construct and operate Vancouver's buildings in a climate-friendly, healthy, and resilient way.

By 2030, we're aiming:

- To cut our carbon pollution from buildings in half, compared to what we had in 2007
- For 40% less embodied emissions from new buildings and construction projects compared to 2018



Require new buildings to use low-carbon materials

Make it easier + less expensive to build with low-carbon materials

Set carbon pollution limits for building operations + streamline regulations

Align complementary strategies + actions

Facilitate access to renewable energy

Support people building with low carbon materials

Build industry capacity for zero emissions retrofits

Support early zero emissions retrofits

By 2030, people will be able to live and work in zero emissions buildings, and benefit from the comfort, quiet, healthy air, and lower energy costs they offer.

You'll notice:

- More people trained and working on low-carbon construction and renovation projects
- Additional resources and incentives to help with zero emissions retrofits
- Increased number of buildings with low-carbon equipment, like heat pumps, which also provide cooling in the summer

HOW WE CAPTURE CARBON

We need to capture carbon pollution. By burning fossil fuels, we have put too much carbon into our atmosphere and it is causing climate change. We can make a difference by capturing carbon in forests, wetlands, and soils.

In 2021, we will establish a target for how much carbon Vancouver will capture and investigate the best pathways to get us there.

Natural shorelines reduce flood risk + increase natural habitat

Vancouver urban forests + natural shorelines already capture carbon

To capture our fair share, we'd need projects both in + outside of Vancouver

We could partner with local governments, First Nations + equity seeking groups

Future aquatic projects could involve coastal + freshwater wetlands

Future land projects could involve forests, farms, grasslands + soil

Canopy cover can lower urban temperatures, decreasing health risk

Vancouver is already capturing carbon with our urban forest, which added 150,000 trees from 2010-2020, and through restoring our natural shorelines, like at New Brighton Park.

To capture our share of carbon recommended by the United Nations to limit warming to 1.5°C, we will need to capture carbon through land and aquatic-based projects outside Vancouver, too.

STAY INFORMED. SHARE YOUR VOICE.

Learn more about these actions, and see how we are addressing inequities while progressing towards our climate goals, in our annual progress reports.

In the meantime, many of these actions are in development. For them to be equitable and successful, we need to hear from you.

Visit vancouver.ca/climateemergency, sign up for our newsletter, and follow [@greenestcity](https://twitter.com/greenestcity) on social media.

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Vancouver
Plan

