



Creating a Cleaner Future

Climate change is already affecting us. Its impacts are being felt in our neighbourhoods and communities, our economy and in our natural environment.

It's an unprecedented challenge, but also an important opportunity. By acting now we can protect our communities and benefit from new economic opportunities. Together, we can create a cleaner, stronger and more resilient B.C.

Indigenous nations, local governments, businesses and others are taking action. **Join us!**

What is climate change?

The Earth's atmosphere traps some of the sun's heat in a "greenhouse effect" that creates a comfortable living temperature on the surface. But decades of human activities, like burning fossil fuels and clearing land, have produced too many greenhouse gases (GHGs).

These GHGs are already increasing global temperatures and affecting our climate. Scientists have determined that the amount of warming must be kept between 1.5 and 2°C above pre-industrial levels to avoid longer term disastrous impacts.

How will it affect British Columbia?

Our province is already experiencing the effects of climate change — from increased wildfires to more frequent flooding, longer summer droughts and heatwaves.

At the same time, the world is turning to cleaner vehicles and fuels, energy-efficient buildings that are more resilient to climate impacts and technological innovation to reduce emissions. As a leader in clean energy, B.C. is uniquely placed to seize these opportunities.

We're already seeing new jobs from climate-ready buildings, electric vehicles and infrastructure. These opportunities to protect our province while creating clean growth are even more important now, as we recover from the pandemic. It's a significant challenge and we are making progress, but there's much more to do.

BC'S CLIMATE IS ALREADY CHANGING



Less snow and receding glaciers



Fewer frost days



Hottest days getting hotter



Less summer rain



More extreme precipitation events



Sea level rise

To see the impacts in your area of the province go to: <https://retooling.ca/climate-change/regional-projections-impacts/>

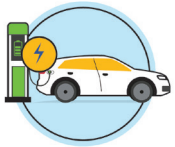
What is the government doing about climate change?

Through [CleanBC and the Roadmap to 2030](#), the Province is taking action on climate change, preparing for current and future climate impacts and building a [clean economy](#).

B.C. has committed to reduce GHG emissions 40% from 2007 levels by 2030. The Roadmap to 2030 is our plan to scale up climate actions, meet our emissions targets and set the course to fulfill our net-zero commitment by 2050.

We're also preparing for climate change by investing in things like reliable highway infrastructure, and reducing risks from wildfires and floods.

The draft [Climate Preparedness and Adaptation Strategy](#) outlines actions to reduce climate risks between now and 2025.



Transportation

(39% of B.C.'s emissions)

2030 GOAL:

Reduce emissions by 27 to 32%

ACTION:

Regulations requiring 90% of new cars sold to be zero emission vehicles by 2030 and 100% by 2035

Programs and grants to double trips taken by bus, cycling or walking by 2030

LEARN MORE: [Clean Transportation](#)



Buildings and communities

(21% of B.C.'s emissions)

2030 GOAL:

Reduce emissions by 59 to 64%

ACTION:

By 2030 all new buildings will be zero-carbon, creating no climate pollution

Get rebates for heat pumps, windows, doors, and insulation

LEARN MORE: [Buildings and Communities](#)



Industry

(40% of B.C.'s emissions)

2030 GOAL:

Reduce oil and gas emissions by 33 to 38% and other industrial emissions by 38 to 43%

ACTION:

Investing in cleaner industry operations

Regulating emissions and expanding access to cleaner fuels

LEARN MORE: [Cleaner Industry](#)



Climate preparedness

B.C.'s new Climate Preparedness and Adaptation Strategy has actions to:

- ✓ Improve data, monitoring, education and partnerships
- ✓ Enhance community climate resilience
- ✓ Foster resilience of species and ecosystems
- ✓ Advance a climate-ready economy and infrastructure

LEARN MORE: [Climate Preparedness](#)



What can I do about climate change?

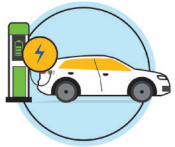
When you support B.C.'s move away from fossil fuels and take steps to prepare for climate impacts, you're supporting progress toward a cleaner, more resilient future for all. Here are some actions you can take. Check the ones you're already doing and try something new!

Did you know?



There are two simple ways to reduce greenhouse gas emissions:

- ✓ Reduce the amount of energy we use
- ✓ Switch from fossil fuels to renewable energy



Transportation

- Walk, cycle, take the bus or join a car share
- Switch to an electric vehicle or e-bike
- Clean neighbourhood storm drains in the fall to prevent flooding
- Plan for climate-related weather events, and know what routes to take in an emergency



At home

- Upgrade your home insulation, windows and doors
- Install a heat pump to heat, cool and filter air
- FireSmart your home to reduce wildfire risk
- Improve drainage, foundation waterproofing and roofing membranes to prepare for flooding and severe weather



Community

- Connect with community and provincial leaders about climate issues
- Support local business instead of shopping online
- Develop a plan to check on neighbours during events like storms and heatwaves
- Host a local emergency preparedness workshop



Lifestyle

- Support local makers, bakers, growers and harvesters
- Compost your organic waste
- Have a grab-and-go bag for emergencies
- Start a [climate conversation](#) with family or friends





Where can I learn more?

Getting around

Thinking about cleaner ways to get around? Check out these options:

- ✓ [Find rebates for clean cars or trucks](#)
- ✓ [Find rebates for installing EV chargers at your home or work](#)
- ✓ Plan a transit route and get travel tips from [BC Transit](#) and [TransLink \(Metro Vancouver\)](#)
- ✓ [Find charging stations for your trip](#)
- ✓ Buy an e-bike and pay no PST



Going electric

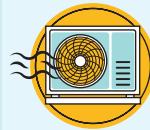
One of Canada's leading ski mountaineers, Revelstoke's Greg Hill, bought a Chevrolet Volt with help from the CleanBC Go Electric program rebates.

"If I can do my job with an electric car, anyone can," Greg says. "It costs me \$7 to travel around 400km. And it's a great drive – instant torque, you just put the pedal to the metal and zip away."

Where we live and work

Thinking of renovating? Investing in a heat pump is a win, win, win, with benefits for heating, cooling and filtering the air.

- ✓ [Find rebates and low-interest financing for switching to a heat pump](#)
- ✓ [Talk to an energy coach about home improvements](#)
- ✓ Find [provincial](#), [federal](#) and [local rebates](#) for improving your home or building
- ✓ [Organize a green team at work or school](#)
- ✓ [Create a more sustainable neighbourhood](#)



Pumped up

Heat pumps work by extracting heat from the air outside and pushing it inside to heat your home – or pushing it out in the warmer months to keep your home cool.

When properly installed they use a third to a half as much energy as a gas furnace. You stay cool in the summer, and the optional filters can keep out dust, pollen and smoke from wildfires.

Getting prepared

Want to be ready for the impacts of climate change? By preparing and planning ahead you can help keep your home and loved ones safe, comfortable and healthy.

- ✓ [Make your home FireSmart to reduce the risk from wildfires](#)
- ✓ [Protect your property and yourself from severe weather, flooding and other disasters](#)
- ✓ [Learn how climate is expected to impact your region](#)
- ✓ Create an [emergency plan](#) and build an [emergency kit](#)



Food for thought

In Greater Victoria, the Mustard Seed Street Church's Food Rescue Project feeds 35,000 people each month with food that would otherwise go into the waste stream.

Their Food Security Distribution Centre processes more than a million pounds of perishable food each year. That's 3,000 to 4,000 pounds of food every day being redistributed from local grocers and retailers to 46 schools and community groups.

Working together, we can all look forward to a cleaner, healthier, and more resilient British Columbia for many generations to come. [Get involved today!](#)

