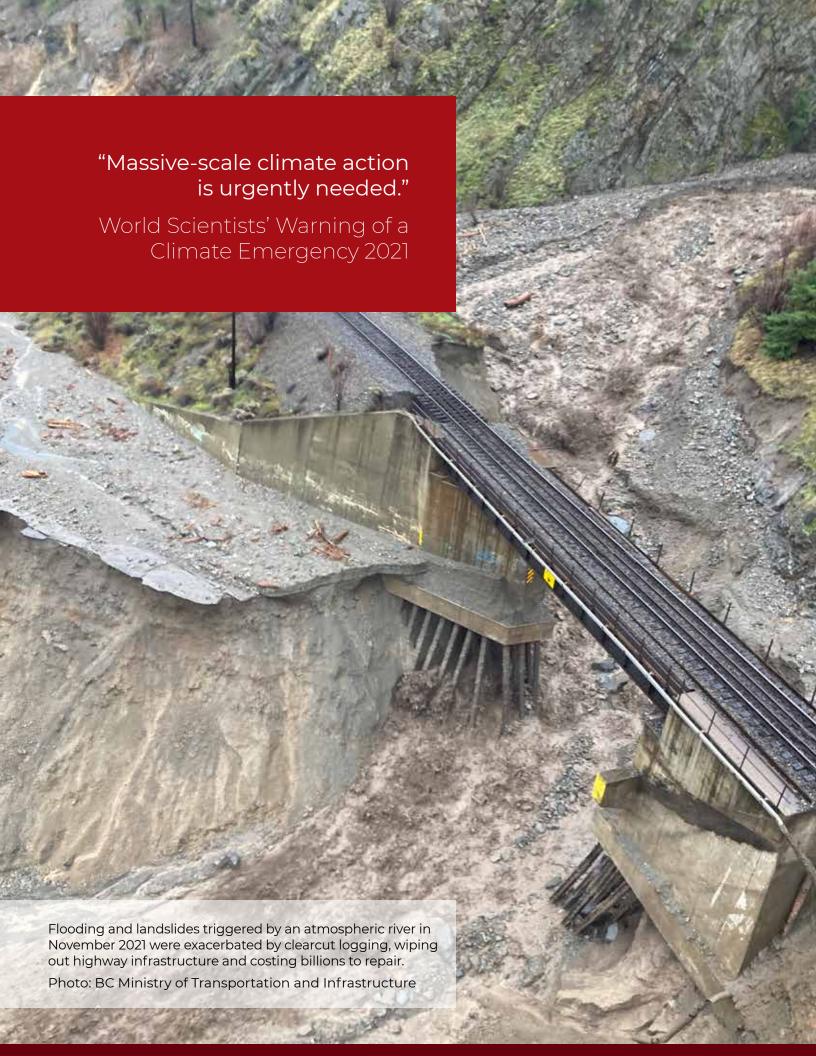
CONFRONT THE CLIMATE EMERGENCY

AN URGENT CALL TO THE BC GOVERNMENT

December 2022 Progress Report

Residents watch a nearby wildfire in Coldstream BC, on 9th July 2021.

Photo: Gavin Phillips



CORFRONTIE CLIMATE EMERGENCY

AN URGENT CALL TO THE BC GOVERNMENT

December 2022 Progress Report

In September 2021, a broad coalition of 200 organizational signatories published an open letter calling on the BC government to commit to ten urgent climate actions to confront the climate emergency.

One year later, the open letter has more than **500 signatories** representing over **two million British Columbians.**

This report card evaluates the BC government's progress on implementing these ten urgent climate actions.



2022 PROGRESS REPORT FOR BC's CLIMATE EMERGENCY RESPONSE



Set binding climate pollution targets based on science and justice

FAIL
Invest in a thriving, regenerative, zero emissions economy







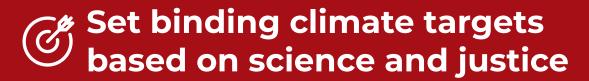


2022 PROGRESS REPORT FOR BC's CLIMATE EMERGENCY RESPONSE



About the grades

- FAIL: No substantive policies or actions implemented to support this climate action, and the BC government is not on a path to succeed.
- PROGRESS: Policies or actions are in progress to support this climate action.
- COMPLETE: Success! Policies or actions have been implemented.
- UNKNOWN: Data currently unavailable or policies / actions pending.



Reduce BC's greenhouse gas emissions by ~7.5% per year below 2007 levels. Set binding reduction targets of 15% by 2023; 30% by 2025; 60% by 2030, and 100% by 2040 (below 2007 levels). Review and update targets regularly as climate science evolves.





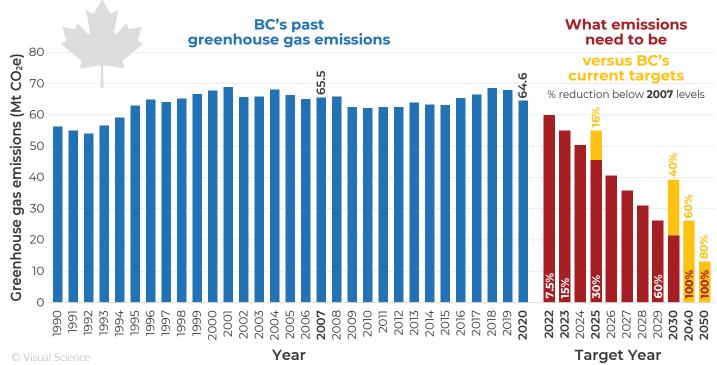
Current status

To limit temperature rise to 1.5° Celsius (C), British Columbia needs to reduce greenhouse gas emissions by roughly 7.5% every year between now and 2030. However, BC has failed to meet its emission reduction targets for over a decade, and while emissions fell slightly in 2020 to 64.6 megatonnes of CO₂-equivalent, this was most likely due to the pandemic rather than to any long-term emission reductions.

Rationale

- UNKNOWN: Reduce greenhouse gas emissions by 7.5% below 2007 levels in 2022.
- FAIL: No short-term 2023 target.
- FAIL: BC's legislated greenhouse gas reduction targets of 16% below 2007 levels by 2025, 40% by 2030, 60% by 2040, and 80% by 2050 are inadequate, and not aligned with science or justice. Targets are not binding.
- FAIL: No plan to achieve the 2025 target, which makes the major gaps and shortcomings in the plan to achieve the 2030 target unacceptable. No plan to achieve the legislated 2040 and 2050 greenhouse gas reduction targets.
- PROGRESS: CleanBC Roadmap to 2030 commits to net-zero by 2050; target yet to be legislated.

Trends in BC's greenhouse gas emissions



Left panel: Trends in BC's greenhouse gas emissions from 1990 to 2020 in million tonnes of CO_2 -equivalent (blue). **Right panel:** Comparison of what BC's greenhouse gas emissions targets need to be (red) versus BC's current targets (yellow). **Data source:** Provincial Inventory of Greenhouse Gas Emissions 1990–2020.



\$\ Invest in a thriving, regenerative, zero emissions economy

Invest 2% of BC's GDP (\$6 billion dollars per year) to advance the zero emissions economy and create tens of thousands of good jobs. Spend what it takes to immediately reduce greenhouse gas emissions and create new economic institutions to get the job done. Ensure that the economic component of Aboriginal Title is recognized through the sharing of benefits and revenues that result.





Current status

Former World Bank chief economist, Nicholas Stern, has recommended governments to spend two per cent of GDP on climate-mitigation efforts. For BC, this translates to about \$6 billion per year.

However, Budget 2022 invested only \$1.2 billion dedicated to reduce emissions through CleanBC, which is one-fifth of what is recommended.

The primary "flagship" institution created to purportedly advance low-carbon technology—the Centre for Innovation and Clean Energy—is a joint initiative with Shell Canada, and its research agenda, with a focus on carbon capture and storage and a hydrogen strategy, appears tailored to this fossil fuel corporation.

Rationale

- FAIL: Did not invest 2% of BC's GDP to advance the zero emissions economy.
- FAIL: No new economic institutions created to reduce greenhouse gas emissions.
- **FAIL:** Minimal recognition of the economic component of Aboriginal Title, with no demonstrable results yet.
- PROGRESS: Commitment to develop a Circular Economy Strategy.

"The transition to a zero-emissions and climate-resilient world provides the greatest economic, business, and commercial opportunity of our time."

Nicholas Stern

Professor of Economics at the London School of Economics



Rapidly wind down all fossil fuel production and use

Immediately stop all new fossil fuel infrastructure including fracking, oil and gas pipelines, liquefied natural gas (LNG), and fossil fuel-derived hydrogen. Rapidly phase out and decommission all existing fossil fuel production and exports.





Current status

British Columbia is currently committed to the expansion of fracking for liquefied natural gas (LNG) exports to support projects like LNG Canada and Woodfibre LNG. Once these two LNG facilities are built and operational, it will be impossible for BC to achieve its greenhouse gas reduction targets.

The CleanBC Roadmap to 2030 commits to several false climate solutions, such as blue hydrogen; renewable gas; carbon capture, utilization, and storage (CCUS), and carbon offsets, all of which prop up and greenwash fossil fuel extraction.

Rationale

- FAIL: No intention to stop new fossil fuel infrastructure.
- **FAIL:** No plan to rapidly phase out and decommission existing fossil fuel production, use, and exports.
- FAIL: No plan to phase out fossil fuel utilities.
- FAIL: Focus on false solutions that will continue fossil fuel extraction and use, including: blue hydrogen; renewable gas; carbon capture, utilization, and storage (CCUS); carbon offsets; and LNG as a marine fuel.
- FAIL: Inadequate plan to cut carbon pollution from the oil and gas sector.
- PROGRESS: Commitment to measure and eliminate methane emissions by at least 75% by 2030 to match Federal regulations, and near zero by 2035.
- PROGRESS: New greenhouse gas emissions cap for natural gas utilities by 2030.

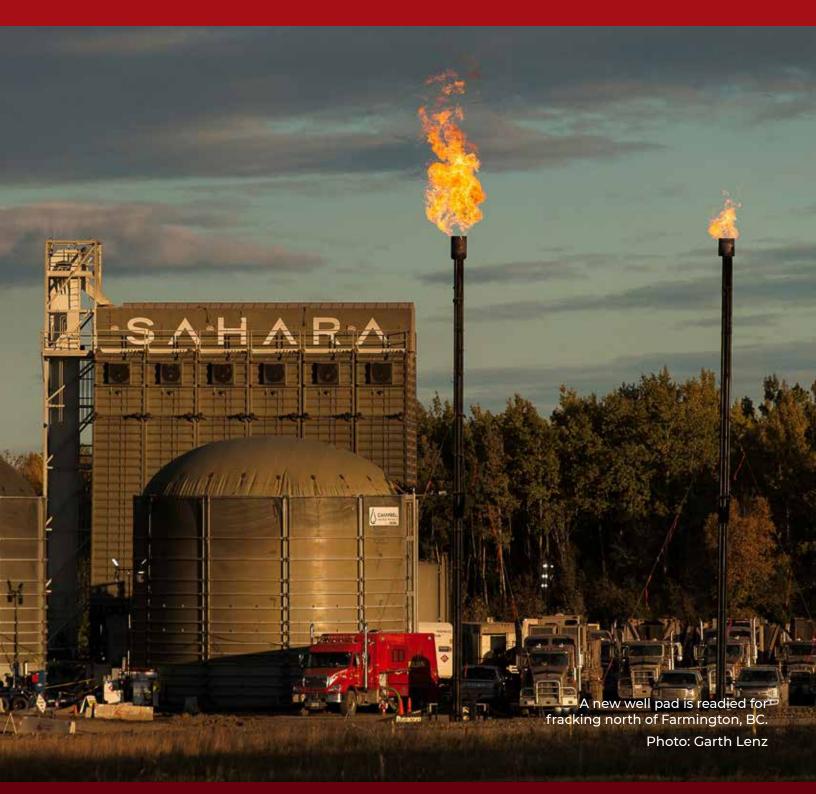
"If governments are serious about the climate crisis, there can be no new investments in oil, gas, and coal, from now—from this year."

Fatih Birol
Executive Director of the
International Energy Agency



End fossil fuel subsidies and make polluters pay

End all fossil fuel subsidies and financial incentives by 2022. Ensure that those industries that profit from fossil fuel pollution pay their fair share of the resulting climate damage.



Current status



In May 2022, British Columbia canceled the province's largest fossil fuel subsidy, a giveaway to the fracking industry that cost the government \$1.2 billion in 2021 alone. Despite this progress, BC still has some of the largest provincial fossil fuel subsidies in Canada, second only to Alberta.

Fossil fuel companies are making record profits, yet the BC government is still using public money to incentivise new fracking wells by allowing companies to deduct the cost of drilling wells from the royalties they pay, and by giving LNG terminals tax breaks on PST, corporate taxes, and the carbon tax, and subsidizing electricity.

Rationale

- PROGRESS: BC ended the Deep Well Royalty Credit program in 2022.
- FAIL: BC has not eliminated all fossil fuel subsidies and incentives as defined by the World Trade Organization.
- FAIL: New fossil fuel subsidies and incentives to expand fracking were created through BC's Royalty Review.
- **FAIL:** Oil and gas companies are not paying their fair share for the climate harms caused by burning fossil fuels.
- UNKNOWN: Commitment to revise industrial carbon pricing in 2023.

"We need to end fossil fuel subsidies, put a price on carbon, and shift taxation from people to pollution."

> António Guterres Secretary General of the United Nations





Leave no one behind

Ensure a just transition for fossil fuel workers, resource-dependent communities, and Indigenous and remote communities impacted by fossil fuel production. It will be critical to collaborate in true partnership with Indigenous peoples in climate action. Prepare our communities for the impacts of the climate crisis to minimize human suffering and infrastructure damage. Support those most vulnerable to climate change impacts.



Current status

In 2021, a heat dome killed more than 619 people, most of them seniors. Tens of thousands of British Columbians were evacuated from their homes due to wildfires, floods, and landslides, and many are still rebuilding.

The climate emergency is deepening existing inequalities for the most vulnerable in our communities. To minimize human suffering, we must prioritize climate action in ways that promote equity, anti-racism, and social justice; support those that have been directly affected; and implement the Declaration on the Rights of Indigenous Peoples Act.

Rationale

- PROGRESS: Investment of \$134 million to the CleanBC Communities Fund to fund climate action infrastructure projects for Indigenous Communities and Local Governments.
- FAIL: No plan to support fossil fuel workers, resource-dependent communities, or Indigenous and remote communities through a managed wind-down.
- FAIL: BC has an action plan to implement the Declaration on the Rights of Indigenous Peoples Act, but its application is incoherent and inconsistent, especially when in conflict with resource extraction interests.
- FAIL: No comprehensive plan to support vulnerable communities from the impacts of climate change.

"Climate action is public health action. Let's boldly act together and act now."

Dr Theresa Tam Chief Public Health Officer of Canada

PROGRESS



Protect and restore nature

Protect 30% of terrestrial and marine ecosystems by 2030; support and invest in Indigenous-led conservation initiatives; restore natural ecosystems to enhance ecosystem functions and services, preserve biodiversity, increase carbon sequestration, and improve human and ecosystem resilience to climate impacts. Impose an immediate moratorium on the industrial logging of all old growth forests which are critical carbon sinks.





Current status

The Federal government has pledged to protect 30% of terrestrial and marine ecosystems by 2030. In BC, only 15.5% of terrestrial and 3.2% of marine and coastal areas are currently protected in 2022. BC claims an additional 4.1% of land is protected under other effective area-based conservation measures (OECMs), but these OECMs do not meet international or Canadian quality standards.

Old-growth forests are integral to support biodiversity and ecosystem health, and hold incalculable cultural value for Indigenous people. Yet BC continues to approve deforestation at an alarming rate and has failed to implement deferrals that could protect old growth forests and enable First Nations to implement a paradigm shift in forest management. A recent investigation revealed that old growth and primary forests are being cut to produce pellets that are burned to generate electricity in the UK, producing more greenhouse gas emissions than coal.

Rationale

- FAIL: No plan to protect 30% of terrestrial ecosystems by 2030 and has made limited progress to conserve terrestrial ecosystems in recent years.
- **PROGRESS:** Support for Marine Planning Partnership with First Nations and the Federal government.
- **PROGRESS:** Inconsistent support and investment in Indigenous-led conservation initiatives.
- FAIL: Limited restoration of natural ecosystems.
- FAIL: Continued logging of old-growth forests and failure to implement deferrals.
- **FAIL:** Inadequate wildfire preparation and response, which is a significant source of emissions.
- FAIL: Inadequate plan to cut carbon pollution caused by deforestation.

"Chainsaws continue to roar and threatened old-growth forests across BC remain without protection."

Grand Chief Stewart Phillip

President of the

Union of BC Indian Chiefs



Invest in local, organic, regenerative agriculture and food systems

Incentivize carbon storage in soil, restore biodiversity, and ensure food sovereignty and food security across the province. Increase consumption of plant-based foods, and reduce food waste. Support Indigenous communities that wish to maintain traditional food systems and enhance their food security.



Current status

Climate change is already impacting food security in British Columbia, for example: heatwaves and severe flooding damaged crops in 2021; warmer stream temperatures and droughts have affected salmon spawning in 2022; and increasing ocean acidification is impacting coastal fisheries.

Rationale

- PROGRESS: Commitment to enhance agricultural carbon sequestration, and improve soil health and biodiversity.
- PROGRESS: Commitment to encourage regenerative agricultural practices.
- PROGRESS: Currently developing a food security policy framework to mitigate climate impacts on food security.
- PROGRESS: Commitment to support Indigenous communities in upholding Indigenous food sovereignty in the Climate Preparedness and Adaptation Strategy.
- FAIL: No plan to increase consumption of plant-based foods.
- FAIL: No plan to reduce food waste.
- FAIL: Construction of Site C dam will impact over 31,500 hectares of high-value agricultural land.

"The public interest is better served [by] agriculture and other uses for this valley, rather than a hundred years of power production... Power has other alternatives; agriculture doesn't."

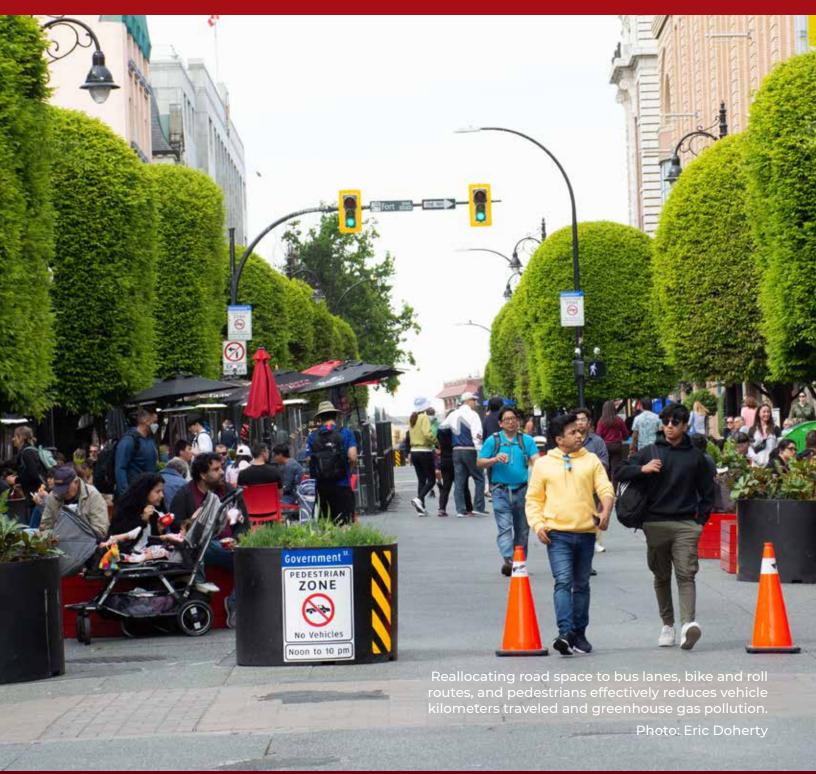
> Evelyn Wolterson Senior Soil Scientist

PROGRESS



Accelerate the transition to zero emission transportation

Invest in affordable, accessible, and convenient public transit within and between all communities. Reallocate infrastructure funds from highway expansion to transit and active transportation (cycling, rolling, and walking). Mandate zero emissions for all new light vehicles by 2027, and all medium and heavy duty vehicles by 2030.



Current status

Transportation was responsible for 42% of BC's total greenhouse gas emissions in 2020, with the majority of those emissions from personal vehicles and trucks.

BC set an ambitious and precedent-setting vehicle kilometers traveled (VKT) reduction target in October 2021, but has made no visible progress towards creating a plan to meet this target. Continued spending on highway expansion is clearly incompatible with this exemplary target.

Rationale

- **PROGRESS:** CleanBC Roadmap to 2030 committed to reduce distances traveled in light-duty vehicles by 25% by 2030, compared to 2020. This is an important, and very ambitious target, which sets the standard for other provinces to follow.
- **PROGRESS:** Joint Federal-Provincial investments for improvements and expansion of public transit.
- PROGRESS: Get On Board program provides free transit for kids 12 and younger.
- **FAIL:** No commitment to reallocate infrastructure funds from highway expansion to transit and active transportation.
- PROGRESS: Accelerated goal of zero emissions for all new vehicles from 2040 to 2035, but this still falls far short of what is needed.

"Transformative changes in the transport sector... are needed to meet climate targets."

IPCC Sixth Assessment Report, 2022

PROGRESS



Accelerate the transition to zero emission buildings

Ban new natural gas connections to all new and existing buildings by end of 2022. Create a Crown Corporation to mobilize the workforce to retrofit all existing buildings and eliminate fossil fuel heating by 2035, and to build new affordable zero emissions buildings.



Current status



Buildings contributed 11.3% to BC's total greenhouse gas emissions in 2020, primarily from space and water heating using fossil fuels.

While the City of Vancouver requires all new and replacement heating and hot water systems to be zero emissions by 2025, the province has yet to match this goal.

In the meantime, FortisBC continues to aggressively increase its customer base, with 12,000 new customers in 2021. FortisBC is also promoting the false solution of "renewable natural gas" and offering rebates for new gas appliances.

Rationale

- FAIL: No commitment to end natural gas heating in new buildings until 2030.
- FAIL: No Crown Corporation created to mobilize the workforce to retrofit existing buildings, or to mass produce and install heat pumps or renewable energy.
- FAIL: No plan to eliminate fossil fuel heating by 2035.
- FAIL: No plan to build new affordable zero emissions buildings.
- PROGRESS: Commitment to 100% efficient space and water heating by 2030, but hybrid electric heat pump gas systems and high-efficiency gas heat pumps are still allowed.
- PROGRESS: Commitment to zero-carbon new construction by 2030.

"All transformative climate action should focus on social justice for all by prioritizing basic human needs and reducing inequality."

World Scientists'
Warning of a Climate Emergency, 2021



Track and report progress on these actions every year

Embed all of these actions in legislation to ensure accountability, transparency, and inclusion. Establish rolling 5-year carbon budgets that decline over time towards zero emissions by 2040 or sooner.



Current status



Sierra Club has taken the BC government to court as the Minister of Environment's 2021 Climate Change Accountability Report fails to comply with the requirements of the Climate Change Accountability Act.

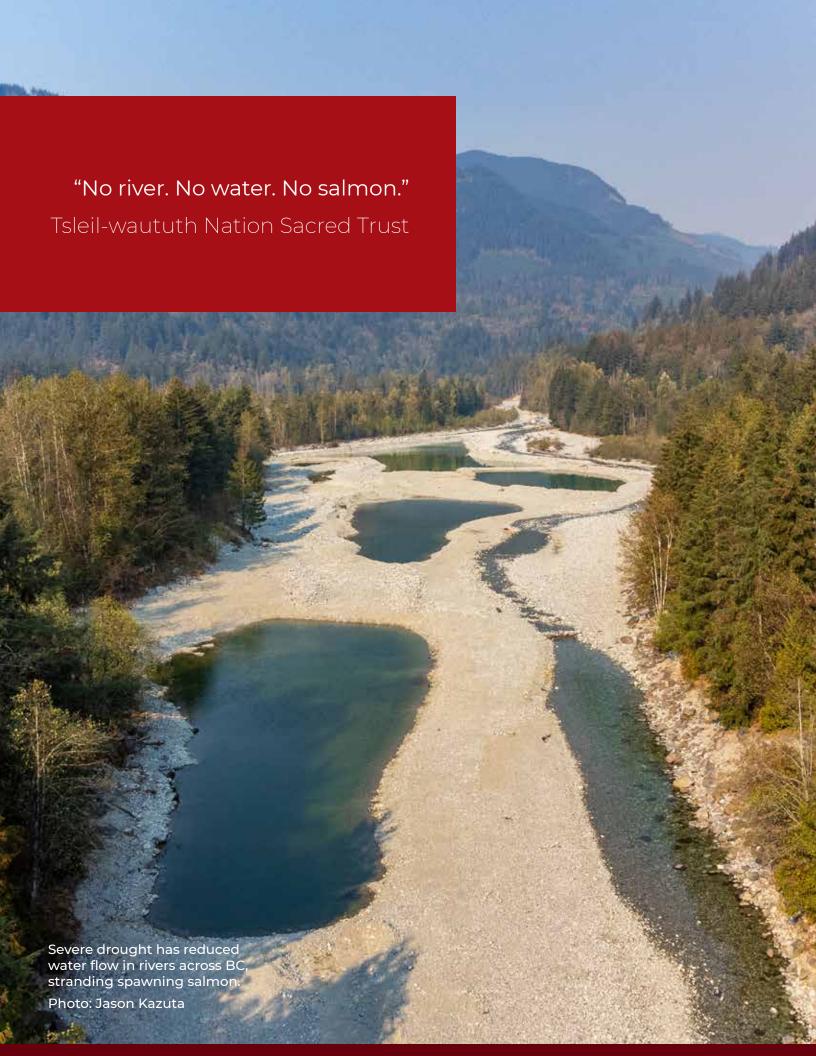
The BC government has failed to provide the information needed for the general public to hold the government accountable and track progress on its greenhouse gas reduction targets.

Rationale

- FAIL: BC has not embedded a majority of the climate actions from this open letter in legislation.
- FAIL: BC is not providing the transparency and accountability that it promised. The Minister's annual Climate Change Accountability Report does not comply with its own climate legislation because it fails to explain how BC's climate plans will achieve its 2025, 2040, 2050 targets and the 2030 oil and gas sector target, leaving the public unable to hold BC accountable for its progress (or lack of progress) to these targets.
- FAIL: BC has not established rolling 5-year carbon budgets.

"We have zero years before climate and ecological breakdown, because it's already here. We have zero years left to procrastinate. The longer we wait to act, the worse the floods, fires, droughts, famines, and heatwaves will get."

Peter Kalmus Climate scientist, NASA's Jet Propulsion Lab



BC First Nations

Climate Strategy and Action Plan

First Nations have relationships to the lands within their territories that are legally and culturally distinct from settler communities, and their priorities for decisive climate action to preserve those relationships have not been adequately incorporated into provincial climate planning.

In recognition of those shortfalls, Indigenous leadership in BC mandated the development of a climate strategy rooted in the actual priorities of First Nations and the full expression of Indigenous rights.

Unlike Crown governments, First Nations leadership in BC have recognized that the climate crisis constitutes an emergency that requires an urgent, ambitious, and lasting shift of the colonial status quo. The resource extraction activities that are most responsible for causing climate change and exacerbating its impacts are often carried out in violation of Indigenous rights.

The <u>BC First Nations Climate Strategy and Action Plan</u> presents a bold vision for climate action articulated by First Nations leadership and communities from across the province. The strategy focuses on ensuring that First Nations' inherent title, rights and treaty rights are recognized and affirmed as foundational for meaningful climate action.

"We need a genuine, progressive movement that truly understands and fully acknowledges that we are in the midst of a climate crisis. It's having devastating effects on our communities, on our people, and communities are burning to the ground. How many more communities have to be incinerated before governments will begin to move beyond good intentions and rhetoric?"

Grand Chief Stewart Phillip
President of the
Union of BC Indian Chiefs



"Our peoples' experiences over the past year have shown that this province is deeply unprepared for the realities of the climate crisis and yet the Crown continues on with business as usual with fossil fuels and deforestation.

Government's unwillingness to make real change to the unsustainable extractive economy despite the violations of Indigenous rights and the undeniable risks to the climate is irresponsible and wilfully ignorant of what communities are facing on the ground today, let alone what will come if emissions continue to increase."

Kukpi7 Judy Wilson Secretary-Treasurer of the Union of BC Indian Chiefs



One year...

of devastating climate impacts in BC

Since this open letter was first published in September 2021, BC has experienced:

- Two atmospheric rivers in November 2021.
- Severe flooding that inundated entire communities, washed away homes, and drowned over 600,000 farm animals.
- Landslides that destroyed homes, roads, railways, and bridges, leaving 18,000 people stranded and five people dead.
- Billions of dollars in infrastructure damage, with an estimated cost of \$9 billion to recover from the November floods and landslides alone.
- Severe drought that the province says will lead to socioeconomic and ecosystem impacts. The Sunshine Coast has declared a state of emergency due to low water levels.
- Tens of thousands of stranded salmon that failed to spawn due to extremely low water flow in rivers and streams.
- 1,577 wildfires sparked across British Columbia in 2022.
- Vancouver had the worst air quality in the world due to wildfire smoke, which poses major health risks for vulnerable people.
- The inquiry into the June 2021 heat dome reported that 619 people died from extreme temperatures, most of them seniors.
- The town of Lytton is still rebuilding after record-breaking temperatures of 49.6°C sparked a wildfire that burned most of the town and killed two people.
- Climate impacts in Indigenous communities have been exacerbated by the jurisdictional gaps in the provision of emergency services to First Nations, as well as the legacy of colonization.

An urgent need for climate leadership

We reiterate the urgent calls for climate action outlined in this open letter, and call on Premier David Eby to demonstrate the leadership that is required to confront the climate emergency.

We acknowledge with hope Premier Eby's stated priorities (see quote) to end fossil fuel subsidies and stop expansion of fossil fuel infrastructure.

This is an opportunity to implement rapid systemic change, and we commit to actively working with the Province to transform our communities.

Now is the time to act.





500+

agriculture, arts, business, community, education, environment, faith, food producers, health, housing, Indigenous, labour, local government, outdoor recreation, research, seniors, tourism, and youth organizations, representing over

2,150,000

British Columbians call on the BC government to:

CONFRONT THE CLIMATE EMERGENCY
CONFRONT THE CLIMATE EMERGENCY
CONFRONT THE CLIMATE EMERGENCY
CONFRONT THE CLIMATE EMERGENCY



CONFRONT THE CLIMATE EMERGENCY

AN URGENT CALL TO THE BC GOVERNMENT

Updated December 2022

Dear Premier Eby and the Government of BC,

We write on behalf of more than 500 diverse agriculture, arts, business, community, education, environment, faith, food producers, health, housing, Indigenous, labour, local government, outdoor recreation, research, seniors, tourism, and youth organizations who collectively represent well over two million British Columbians.

We call on the BC government to recognize the urgency and alarm that people all over the province are feeling as the climate crisis directly impacts our communities and our health: deadly heat waves, wildfires, drought, floods, crop failure, fisheries collapse, and costly evacuations and infrastructure damage. These climate-related impacts are unprecedented and intensifying. Indigenous peoples stand to be disproportionately impacted by climate events despite successfully taking care of the land since time immemorial.

The latest report from the Intergovernmental Panel on Climate Change is a 'code red' for humanity. The International Energy Agency has called on world governments to immediately stop investments in and approvals of new oil and gas projects.

The provincial government's CleanBC climate action plan is insufficient to limit warming to 1.5°C and will not keep British Columbians safe from the worst impacts of climate change.

We therefore urge the BC government to develop and implement a transformative climate emergency plan that recognizes the interconnected climate, ecological, and social crises; embeds equity, anti-racism, and social justice at its core; and upholds Indigenous Title and Rights, and Treaty Rights.

To implement the rapid systemic change that is required, we call on the provincial government to demonstrate the leadership necessary to confront the climate emergency, and immediately undertake the following 10 actions:

CONFRONT THE CLIMATE EMERGENCY

- Set binding climate targets based on science and justice Reduce BC's greenhouse gas emissions by ~7.5% per year below 2007 levels. Set binding reduction targets of 15% by 2023; 30% by 2025; 60% by 2030, and 100% by 2040 (below 2007 levels). Review and update targets regularly as climate science evolves.
- Invest in a thriving, regenerative, zero emissions economy Invest 2% of BC's GDP (\$6 billion dollars per year) to advance the zero emissions economy and create tens of thousands of good jobs. Spend what it takes to immediately reduce greenhouse gas emissions and create new economic institutions to get the job done. Ensure that the economic component of Aboriginal Title is recognized through the sharing of benefits and revenues that result.
- Rapidly wind down all fossil fuel production and use Immediately stop all new fossil fuel infrastructure including fracking, oil and gas pipelines, liquefied natural gas (LNG), and fossil fuel-derived hydrogen. Rapidly phase out and decommission all existing fossil fuel production and exports.
- End fossil fuel subsidies and make polluters pay
 End all fossil fuel subsidies and financial incentives by 2022. Ensure that
 those industries that profit from fossil fuel pollution pay their fair share of the
 resulting climate damage.
- Ensure a just transition for fossil fuel workers, resource-dependent communities, and Indigenous and remote communities impacted by fossil fuel production. It will be critical to collaborate in true partnership with Indigenous peoples in climate action. Prepare our communities for the impacts of the climate crisis to minimize human suffering and infrastructure damage. Support those most vulnerable to climate change impact.



Photo: Gavin Phillips @ltsGavP

- Protect and restore nature
 Protect 30% of terrestrial and marine ecosystems by 2030; support and invest in Indigenous-led conservation initiatives; restore natural ecosystems to enhance ecosystem functions and services, preserve biodiversity, increase carbon sequestration, and improve human and ecosystem resilience to climate impacts. Impose an immediate moratorium on the industrial logging of all old growth forests which are critical carbon sinks.
- Invest in local, organic, regenerative agriculture and food systems Incentivize carbon storage in soil, restore biodiversity, and ensure food sovereignty and food security across the province. Increase consumption of plant-based foods, and reduce food waste. Support Indigenous communities that wish to maintain traditional food systems and enhance their food security.
- Accelerate the transition to zero emission transportation Invest in affordable, accessible, and convenient public transit within and between all communities. Reallocate infrastructure funds from highway expansion to transit and active transportation (cycling, rolling, and walking). Mandate zero emissions for all new light vehicles by 2027, and all medium and heavy duty vehicles by 2030.
- Accelerate the transition to zero emission buildings

 Ban new natural gas connections to all new and existing buildings by end of 2022. Create a Crown Corporation to mobilize the workforce to retrofit all existing buildings and eliminate fossil fuel heating by 2035, and to build new affordable zero emissions buildings.
- Track and report progress on these actions every year Embed all of these actions in legislation to ensure accountability, transparency, and inclusion. Establish rolling 5-year carbon budgets that decline over time towards zero emissions by 2040 or sooner.

A VISION FOR OUR FUTURE

The climate emergency offers an unprecedented opportunity to generate new, vibrant economic and social wealth as we transform where our energy comes from and how it is used. It offers an opportunity to achieve energy security, ensure food security, develop more sustainable local economies and jobs, transform our buildings, redesign transportation, reduce pollution, improve human health and wellbeing, and enhance our quality of life. The transition from fossil fuels to a zero emissions economy has clear benefits for people and natural ecosystems, and is an opportunity to create a more prosperous, just, and equitable society.

Every person, every business, every industry, and every government has a role to play as we coordinate individual and collective actions to create a thriving, resilient, and regenerative society that respects its interdependence with healthy ecosystems and a safe climate.

British Columbia is positioned to become a visionary world leader and demonstrate that innovative and rapid change is possible as we transition to a zero emissions economy.

We urge you to seize these opportunities, and demonstrate to British Columbians that our government is indeed a true climate leader by implementing the 10 climate emergency actions set out in this letter.

We must act now.

Global temperature trends from 1851 to 2021.

Image: Ed Hawkins

SIGNATORIES

Agriculture / Food production

Amara Farm

BC Association of Farmers' Markets

B.C.'s Wild Heritage Native Plants

Brackendale Farmers Institute

Compassion CSA Peace Circle

Delish General Store + Jar Bar Refillery

Discovery Organics

Flying Hands Farm / Granny M's

Foodscape ent.

Fresh Roots Urban Farm Society

Full Circle Farm

Mayne Island Brewing Company

Meatme.ca

Paradise Valley Produce

Perennial Pleasures Landscape Design

Persephone Brewing Company

Rain or Shine Ice Cream

Rising Knead Bakery

Ritchie's Bakery

Salish Soils Inc.

Salt Spring Coffee

Singing Bowl Granola

Smartbite Snacks Inc.

Snowy Mountain Farm

Solecito Foods

Solstedt Organics

Sustainable Produce Urban Delivery (SPUD)

The Sharing Farm Society

Vancouver Farmers Markets

Vida Farm

Vitality Farm

Zimt Chocolates

Arts / Culture

Brackendale Art Gallery

Canadian Media Producers Association (BC Branch)

Claymates Ceramics Studio Inc.

Coalition of Museums for Climate Justice

COHAB Press

Creatively United for the Planet Society

Engagement Unlimited

Green Spark Group

Hummingbird Music Studio

Impact Arts Society

Indian Summer Arts Society

Joseph Cross Art Studio

Massy Arts Society

meNom

Neworld Theatre

Poets Corner Reading Series Society

Poonie Art Creative

South Cariboo Arts and Culture Society

Spring Magazine

The Climate Aid Arts Brigade

The Dance Centre

The New Corporation (Documentary)

Women in Film and Television Vancouver

Business

1st Knowledge Bank Ltd

753 Yates Retail Space

Active Impact Investments

Align Climate Solutions

Amanda's Bookkeeping Services

Anomalous Exploration

Audiopile Records

Bakau Consulting

Barnacle Strategies Consulting

BCOSSA

Beyond Capture

Blackfish Paddles Ltd

Blue Lotus Wholistic Healing

Bydand Wealth Management

Calmura Natural Walls Inc.

Canfiber Inc

Caroline Miege Counselling

Chief Roofing

Climb On Equipment Ltd

Clubcard

Coastal Frameworks

Cool.World

Cordilleran Geoscience

Crowned Vitta LLC

Curio Research Ltd.

Cutts Consulting Ltd

Discover Counselling Drinkfill Beverages LTD

Duro Construction Ltd

Earnest Ice Cream

Ecollaborate Now Consulting Electric Edge Systems Group Inc.

Epic Project Management Inc.

Experior Life Insurance Free Flow Plumbing Inc.

General Delivery Data Corporation
GNAR Inc - Sustainable Home Design

Goldilocks Goods Goodwin Creative Ltd

The Green Bed Store Inc.

Guy LaFayette Harmonic Arts

Harvey McKinnon Associates

Hemp Save The World

Hollyhock

iD2 Communications Inc. Innovate Geothermal Ltd.

Integrated Construction Management

Interdependent Investments

Iron Dog Books

Jarr

Keep It Green Recycling

Kestrel Books

KWENCH

Lush Cosmetics North America

Massy Books Inc. Mobius Books Ltd.

Modo Yoga East Vancouver

Morrow BioScience Ltd.

My Healing Journal

Nada

Netcetera...

New/Mode

NÜLA Salon & Apothecary

OMC Inc.

Organized Chaos Professional Coaching

Pacific Policies

Patagonia

Perk Eco Inc.

Plant-Based R.H.N.

Redhouse Design

Redroof Enterprizes

ReFocus Consulting

Renewal Funds

Renewal Partners

Rethink2gether

Ryan Leiderman Counselling

Sea To Sky Cable Cam Inc.

Sea to Sky Removal

Singular Software Inc.

Skyline BC

Smith and Robin Inc.

Socially Responsible Investing Cowichan

Southwood Holdings Ltd.

Spark Strategies

Squamish ReBuild Society

Stephen Irving Communications

Summit Filters Inc.

Sweet Serenity Yoga and Wellness

Tegan McMartin Photography

That Cleantech Copywriter

The Bean Buggy

The Jumping Slug Community Cyclery

The Soap Dispensary

The Wildlife Thrift Store

To Be Heard Counselling

TREE WORLD Plant Care Products, Inc.

Urszula.co

Trelawny Consulting Group Ltd.

Vedalia Biological Inc.

Velometro Mobility Inc.

Viridian Energy Coop

Visual Science

White Crow Alpine Services Ltd

White Label Insights

Yogacara

Zebras Unite Co-Op (Kelowna Chapter)

Zillion Design

Community group

Abundant Transit BC

Alliance4Democracy (Sunshine Coast)

BC Hydro Ratepayers Association

Be The Change Action Circle

Council of Canadians (Campbell River Chapter)

Council of Canadians (Comox Valley Chapter)

Council of Canadians (Kamloops Chapter)

Council of Canadians (Nelson Chapter)

Council of Canadians (Powell River Chapter)

Council of Canadians (Terrace Chapter)

Council of Canadians (Victoria Chapter)

Courage Coalition

Food Stash Foundation

Foundation for Global Community

Friends of Tilbury Working Group

Global Peace Alliance BC Society

Greater Victoria Acting Together

House on a Hill

Kaslo Community Action Team

Language Partners BC

Mission-Matsqui-Fraser Canyon Green Party Association

Nelson at its Best

Ocean Park Beautification Committee

One Cowichan Education Society

OurSquamish Placemaking Society

Pender Earth

Philosophers Anonymous

Reed Road Forest Working Group

South Asian Network for Secularism and Democracy

(SANSAD)

The Thorn Magazine

Vancouver Food Runners Society

Vancouver Humane Society

Whistler Lakes Conservation Association

Women Transforming Cities

Environment / Climate action

350.org

350 Vancouver

Against Port Expansion in the Fraser Estuary

Alberni Climate Action

Alberni Valley Food Security Group

Alberni Valley Transition Town Society

Armstrong/Spallumcheen Climate Action

Association of Denman Island Marine Stewards

Association of Whistler Area Residents for the Environment

Babies for Climate Action (New Westminster)

Babies for Climate Action (Vancouver)

BC Climate Alliance

BC Climate Hubs

BC Nature

BC Sea Wolves

BC's Wild Heritage Environmental

Below2C

Better Environmentally Sound Transportation (BEST)

Better Transit Alliance of Greater Victoria

Bowen Island Conservancy

Bowen Island Food Resilience

British Columbia Cycling Coalition

Burnaby Climate Hub

Burnaby Residents Against Kinder Morgan Expansion (BROKE)

Canadian Freshwater Alliance

Chase Environmental Action Group

Chemainus Climate Solutions

Citizen's Climate Lobby (Okanagan Chapter)

Citizens' Environment Network in Colwood

Citizen's Oil & Gas Council

Citizens' Climate Lobby (East Kootenay Chapter)

Citizens' Climate Lobby (Nelson-West Kootenay Chapter)

Clayoquot Action

Climate Action Now!

Climate Convergence Metro Vancouver

Climate Crisis Langley Action Partners

Climate Emergency Institute

Climate Emergency Unit

Climate Justice Victoria

Communities Protecting our Coast

Concerned Citizens Bowen

Council of Canadians - Pacific Region

Cowichan Carbon Busters

Cowichan Climate Hub

Cowichan Valley Naturalists

Cranbrook Climate Hub

Creatively United for the Planet

Creston Climate Action Society

David Suzuki Foundation

Deep Sea Defenders

Denman Island Climate Action Network

Denman Islanders for Climate Action & Social Justice

Dogwood

East Kootenay Climate Hub

Ecotrust Canada

Elders for Ancient Trees

Esquimalt Climate Organizers
Extinction Rebellion Nanaimo
Extinction Rebellion Vancouver
Extinction Rebellion Victoria

First Things First Okanagan

For Our Kids (Burnaby)
For Our Kids (North Shore)

For Our Kids (Sunshine Coast)

For Our Kids (Vancouver)

Force of Nature (North Shore Community Action Team)

Force of Nature (Tri-Cities Community Action Group)

Fossil Fuel Non-Proliferation Treaty - BC

Fraser Valley Climate Action Gambier Island Conservancy

Georgia Strait Alliance

GOAL12 Sustainable Consumption and Production Society

Greater Victoria Climate Hub

Green Teams of Canada

Green Technology Education Centre

HUB Cycling

Kaslo Climate Action Team Last Stand West Kootenay Lawyers For Climate Justice

Leadnow

Living Forest Institute Society

Living Oceans Society

Maple Ridge Climate Hub

Mount Work Coalition

My Sea to Sky

Nanaimo Climate Action Hub

Nature Chilliwack

Net0world

North Okanagan Naturalists' Club North Shore Streamkeepers

Oak Bay Climate Force Okanagan Climate Hub

OneEarth

Our Time Vancouver

Pacific Wild Alliance

Padma Centre for Climate Justice

Parents 4 Climate

Pender Ocean Defenders

Pipe Up Network

Planetary Resilience Council of BC

Protect Our Winters Canada gathet Climate Alliance

Ouadra Island Climate Action Network

Regenerative Bowen Island

Roots on the Roof Saanich Eco Advocates

Salish Sea Renewable Energy Cooperative

Salt Spring Island Conservancy

Salt Spring Island Stream and Salmon Enhancement Society

Save Our Forests Team Comox Valley

Sea Smart

Shuswap Climate Action

Sierra Club BC

Skeena Watershed Conservation Coalition

Slocan Waterfront Society
Smithers Climate Action
Social Environmental Alliance

Socialist Unity Assembly

Society Promoting Environmental Conservation

South Island Climate Action Network

Squamish Food Policy Council (SFPC)

Squamish Climate Action Network (Squamish CAN)

Squamish Environment Society

Squamish Streamkeepers Society

Stand.earth

Stewardship Pemberton Society

Sunshine Coast Climate Action Network
Sunshine Coast Conservation Association
Sunshine Coast Streamkeepers Society

Sustainability Action Group for the Environment

Sustainable Energy Co-op of Gabriola

Sustainable Environment Network Society
Swan Lake Christmas Hill Nature Sanctuary

Transition Kamloops
Transition Salt Spring
Transition Sooke

Victoria Climate Action Team

Victoria Climate Hub

View Royal Climate Coalition

Watershed Watch Salmon Society

The WaterWealth Project

Wednesday Vigils for Ancient Forest

West Coast Climate Action Network (WE-CAN)

West Coast Environmental Law Association

West Kootenay Climate Hub

West Kootenay EcoSociety

Wilderness Committee

Wildsight

Wildsight Creston Valley

Wildsight Invermere

Women's Food and Water Initiative

Yellow Point Ecological Society

Zero Waste BC

Faith

Ahavat Olam Synagogue

Anglican Church of St. John the Divine, Victoria

Anglican Diocese of British Columbia

Anglican Diocese of New Westminster

BC Synod Climate Justice Action Group of the Lutheran Church

BC Synod of the Evangelical Lutheran Church in Canada

Beacon Unitarian Church

Broad View United Church

Canadian Memorial United Church

Canadian Unitarians for Social Justice

Capital Unitarian Universalist Congregation

Central Okanagan United Church

Comox Valley Unitarian Fellowship

Duncan United Church

Fairfield United Church

First Unitarian Church of Victoria

Grace Lutheran Church, ELCIC

Holy Cross Parish

Holy Cross Anglican Church

Jubilee United Church

KAIROS (BC-Yukon Region)

KAIROS (Salmon Arm)

Living Interfaith Sanctuary

Mennonite Church BC Indigenous Relations Task Group

Nanaimo Green Faith Circle

Naramata Community Church

North Shore Unitarian Church Environmental Action Team

Oasis United Church

Oasis United Church Green Up

Our Lady of Guadalupe Tonantzin Community

Salal & Cedar Watershed Discipleship Community

Salt Spring Island Unitarian Fellowship

South Fraser Unitarians

Spirit Dance Centre for Spirtual Ecology

Squamish United Church

St. Anselm's Anglican Church

St. Catherine's Anglican Church

St. Mary's Anglican United Shared Ministry

St. Patrick's Roman Catholic Parish

Sylvan United Church

The Tikkun Olam Co-ordinating Committee of Or Shalom

Synagogue

United Church Earth Stewards

Valhalla Parish

Vancouver Unitarians

Wild Church Kamloops

Wild Church Kelowna

Yasodhara Ashram Society

Government

Climate Caucus

North Okanagan-Shuswap Federal Green Party Electoral District Association

Health / Social services

BC Canadian Association of Nurses for the Environment

BC Family Doctors

BC Psychiatric Association

Canadian Association of Physicians for the Environment

Canadian Health Association for Sustainability & Equity (CHASE)

CFMS HEART (Canadian Federation of Medical Students Health and Environment Adaptive Response Taskforce)

Coalition of Child Care Advocates of B.C.

Doctors and Nurses for Planetary Health (Kootenay Boundary)

Doctors for Planetary Health (West Coast)

Inner Light Healing Arts

Mental Health and Climate Change Alliance

Nurses and Doctors for Planetary Health (Victoria BC)

Public Health Association of BC South Vancouver Neighbourhood House UBC Planetary Healthcare Lab

Housing

BC Non-Profit Housing Association

BC Poverty Reduction Coalition

Co-operative Housing Federation of BC

Fernie Citizens Housing Society

Pacific Park Place Housing Cooperative

Rivers End Housing Cooperative

Indigenous

British Columbia Assembly of First Nations

First Nations Summit

Gidimt'en Checkpoint

RAVEN (Respecting Aboriginal Values & Environmental Needs)

Union of BC Indian Chiefs

Labour

BC Union Workers' Union

British Columbia Teachers' Federation

Douglas College Faculty Association

Federation of Post-Secondary Educators

Greater Victoria Teachers' Association

Kwantlen Faculty Association

New Westminster Teachers' Union

North Island College Faculty Association

Public Service Alliance of Canada (BC Region)

Teaching Support Staff Union

Thompson Rivers University Faculty Association (TRUFA)

Vancouver Artists Labour Union Cooperative

Vancouver Community College Faculty Association

Vancouver Island University Faculty Association (VIUFA)

Worker Solidarity Network

Outdoor recreation / Tourism

Anchors Aweigh Marine Services

Coastal Current Adventures

Cycle City Tours and Rentals

Deerhorn Creek Outfitters

Forged Axe Throwing

Grandmanor Guest House

Out Here Ski & Board Club

Rebels Soccer Club

The Escape Route

TRAILS BC - Trails Society of British Columbia

Tutu's B&B

UNBC Outdoors Club

Research / Education

Canadian Centre for Policy Alternatives, BC Office

GreenHeart Education

Master Recycler Vancouver

Mir Centre for Peace, Selkirk College

Parent Advisory Council of University Highlands Elementary

Populous Map

Programs in Earthliteracies

Shuswap/Secwépemc Environmental Educators Provincial

Specialist Association (SHEEPSA)

South Park Family School

Story Institute

Synergia Institute

Teachers for Future Canada

Thompson Rivers Open Learning Faculty Association

Tree of Life Nature Playschool

UBC Okanagan Visual Arts Course Union

University of Victoria Renewable Energy Club

Victoria Transport Policy Institute

Seniors

Canadian Senior Cohousing Society

Elders Council for Parks in BC

Pacific Park Place Housing Cooperative

Renfrew Collingwood Seniors Society

Squamish Seniors Society

Suzuki Elders

Youth

365give

BC Greens Youth Council

BC Young New Democrats

Chase and Area Young Learners Society

Climate Recentered

Douglas Students' Union
Fridays For Future Vancouver
Human and Nature Youth Club
Justice for Girls
Merritt Youth and Family Resources Society
My Sea to Sky Youth Council
Quest Student Environmental Committee
Reel Youth

Shuswap Air Cadets 222 parent committee
Simon Fraser Public Interest Research Group (SFPIRG)
Students for Mining Justice
Sustainabiliteens
Take a Stand: Youth for Conservation
The Starfish Canada

Total of 504 signatories Updated on 28th November 2022



Spawning salmon stranded in pools in Weaver Creek BC, in October 2022.

Photo: Jason Kazuta

REFERENCES

International Energy Agency (2021) Net Zero by 2050: a roadmap for the global energy sector. IEA, Paris.

IPCC (2018) <u>Global Warming of 1.5°C</u>. An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty. 630 pp.

IPCC (2021) <u>Climate Change 2021: The Physical Science</u>
<u>Basis</u>. Contribution of Working Group I to the Sixth
Assessment Report of the Intergovernmental Panel on
Climate Change. Cambridge University Press.

IPCC (2022) Climate Change 2022: Mitigation of Climate Change. Working Group III contribution to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change. 2913 pp.

Ripple WJ et al (2020) <u>World Scientists' Warning of a Climate Emergency</u>. BioScience, Volume 70, Issue 1, January 2020, Pages 8–12.

Ripple WJ et al (2021) <u>World Scientists' Warning of a Climate Emergency 2021</u>. BioScience. Volume 71, Issue 9, September 2021. Pages 894–898.

Saxby T et al (2020) <u>The path to zero carbon municipalities</u>. In: Miller A et al (2020) OceanWatch: Átl'<u>k</u>a7tsem/ Txwnéwu7ts/Howe Sound Edition 2020. Ocean Wise Research Institute. 388 pp.

Stern N (2021) <u>G7 leadership for sustainable, resilient and inclusive economic recovery and growth</u>: An independent report requested by the UK Prime Minister for the G7. The London School of Economics and Political Science. May 2021. 21 pp.

ABOUT

The urgent call to Confront the Climate Emergency was developed and issued by a broad network of 200 organizational signatories across British Columbia in September 2021.

The report card to evaluate the BC government's progress on implementing these ten urgent climate actions was initially released in October 2022 with more than 450 organizational signatories.

This printed version of the report card was updated in December 2022 with over 500 organizational signatories.

To become a signatory to this open letter, or for more information, visit:

https://bcclimateemergency.ca/

Report card synthesis and design by Visual Science.





