



City of Kamloops

Local Government Climate Action Program Report

July 2025



ACKNOWLEDGMENTS

The City of Kamloops is located on Tkémłúps te Secwépemc territory, situated within the unceded ancestral lands of the Secwépemc Nation. We honour and respect the people, the territory, and the land that houses our community.

City of Kamloops, British Columbia, Canada
Local Government Climate Action Program Report

July 2025
Prepared by: City of Kamloops Climate and Sustainability Division

PURPOSE

This report contains the City of Kamloops’ submission to the Province of British Columbia’s Local Government Climate Action Program Survey.

Submitted date: 202-07-29 16:19:50 Pacific Daylight Time.

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Introduction - Government of British Columbia

The Local Government Climate Action Program aims to catalyze the efficient flow of financial resources, data, and knowledge between Modern Treaty Nations, local governments, and the provincial government, allowing for cost-effective and impactful locally implemented climate action. For more information about the program, you can refer to the [website](#).

What is climate action?

For the purposes of the Local Government Climate Action Program, a climate initiative or action is one that reduces greenhouse gas emissions (mitigation) and/or strengthens resilience to the impacts of climate change (adaptation). This includes, but is not limited to, climate-related hazards; integrating climate change measures into policies, strategies, planning, and investments; improving education; raising awareness of climate change causes and solutions; and increasing human and institutional capacity with respect to climate change mitigation and adaptation, impact reduction, and early warning systems.

Information collected will:

- highlight local government and Modern Treaty Nation climate leadership
- profile action by including local government and Modern Treaty Nation emissions, resilience, and climate action performance data in the annual [Climate Change Accountability Report](#), Local Government Climate Action Program Summary Report, and on the Local Government Climate Action Program's public-facing [website](#)
- help inform policy development and monitor progress on achieving provincial and local climate objectives
- support provincial efforts to better collaborate with and support communities to advance climate action

The survey was informed by:

- feedback from local governments, Modern Treaty Nations and ministerial partners
- national and international greenhouse gas reporting protocols
- CDP (formerly Carbon Disclosure Project), a global non-financial disclosure system)

Climate Action Planning

Climate Action Plans are strategic roadmaps that identify how an organization will reduce its greenhouse gas emissions (mitigation), increase its resilience to the impacts of climate change (adaptation), or a combination of both.

To answer the following questions, consider staff who contribute to activities that reduce greenhouse gas emissions and/or strengthen resilience and the ability to adapt to climate-induced impacts. This includes, but is not limited to, climate-related hazards; integrating climate change measures into policies, strategies, and planning; improving education; raising awareness of climate change causes and solutions; and increasing human and institutional capacity with respect to climate change mitigation and adaptation, impact reduction, and early warning systems.

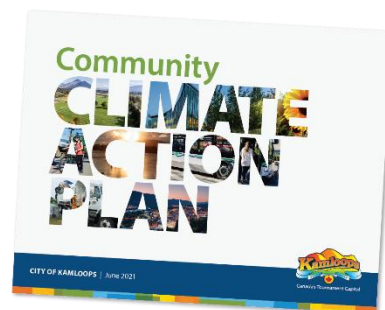
Question 1 a): How many staff in full-time equivalents are dedicated to working on climate action?

7.75 full-time equivalents

Question 2: Does your local government or Nation have a community-wide climate action plan or other guiding document(s)?

- Yes
- No

The City of Kamloops has a Community Climate Action Plan, adopted June 29, 2021. It is available at [Kamloops.ca/ClimateAction](https://kamloops.ca/ClimateAction).



Please select the type of plan(s) from the list.

- ☐ Integrated climate plan (addressing mitigation, adaptation and/or energy use)
- ☐ Integrated climate plan (addressing mitigation and adaptation)
- ☒ Integrated climate plan (addressing adaptation and energy)
- ☐ Integrated climate plan (addressing mitigation and energy)
- ☐ Stand-alone mitigation plan
- ☐ Stand-alone adaptation plan
- ☐ Stand-alone energy-related plan
- ☐ Don't know

Please indicate the date the plan was adopted/approved.

June 2021

Please include a link to the document or web page if available.

The City's Community Climate Action Plan is available at [Kamloops.ca/ClimateAction](https://kamloops.ca/ClimateAction).

Question 3: Does your local government or Nation have a corporate climate action plan or other guiding document(s)?

- Yes
- No

Please select the type of plan(s) from the list.

- ☐ Integrated climate plan (addressing mitigation, adaptation and/or energy use)
- ☐ Integrated climate plan (addressing mitigation and adaptation)
- ☐ Integrated climate plan (addressing mitigation and energy)
- ☐ Integrated climate plan (addressing adaptation and energy)
- ☐ Stand-alone mitigation plan
- ☐ Stand-alone adaptation plan
- ☒ Stand-alone energy-related plan
- ☐ Don't know

Please indicate the date the plan was adopted/approved.

March 2025

Question 4: Please select up to three challenges impeding the advancement of climate action in your community.

- ☐ Lack of jurisdiction
- ☒ Lack of staff capacity or expertise
- ☐ Lack of financial resources
- ☐ Lack of data or information
- ☐ Lack of provincial or federal government support or collaboration
- ☒ Competing priorities
- ☒ Other: shifting political priorities at all levels of government

Traditional Services Greenhouse Gas Emissions

Measuring and reporting traditional services emissions (defined in previous years as corporate emissions) is a program requirement for all communities with a 2020 population of 10,000 and above.

Traditional services greenhouse gas emissions are those produced by the delivery of local government or Modern Treaty Nation "traditional services", including:

- Fire protection
- Solid waste management
- Recreational/cultural services,

- Road and traffic operations
- Water and wastewater management
- Local government administration

Question 5: For the 2024 calendar year, has your local government or Nation measured and reported associated traditional services greenhouse gas emissions?

- Yes
- No
- No, but for a past year. (Please enter most recent year completed: YYYY)

If your local government or Nation measured 2024 traditional services greenhouse gas emissions, please report the greenhouse gas emissions from services delivered directly by your local government (in tonnes of carbon dioxide equivalent) from scope 1 and 2 sources.

7,403 tCO₂e

If your local government or Nation measured 2024 traditional services greenhouse gas emissions, please report the greenhouse gas emissions from contracted services (in tonnes of carbon dioxide equivalent) from scope 1 and scope 2 sources.

1,274 tCO₂e

If your local government or Nation measured 2024 traditional services greenhouse gas emissions, please report the total greenhouse gas emissions from both directly delivered and contracted services (in tonnes of carbon dioxide equivalent) from scope 1 and scope 2 sources.

This would be the sum of the two questions above.

8,677 tCO₂e

Optional: If your local government or Nation estimated fuel consumption and emissions from contracted services (because you were unable to obtain fuel consumption data directly from all contractors), please report the average percentage you applied to all contracts that was associated with fuel consumption (calculated from a sample of contracts and entered in the Contracted Services Calculator in the field "Fuel % cost of overall contracted service cost").

10%

If your local government or Nation measured 2024 traditional services greenhouse gas emissions, please report what protocol you used to measure emissions.

- Local Government Climate Action Program methodology (our guidance documents, such as the BC Best Practices Methodology for Quantifying Greenhouse Gas Emissions and the Local Government Climate Action Program Traditional Services Boundaries and Scope Guidance)
- CDP
- Greenhouse Gas Protocol
- Other

Optional: Please indicate how many tonnes of CO2e are associated with facilities.

4,156 tCO2e

Optional: Please indicate how many tonnes of CO2e are associated with mobile sources.

3,247 tCO2e

Please provide the link to the public report if available:

This report will be posted publicly soon at [Kamloops.ca/Our-Community/Environment-Sustainability/Climate-Action](https://kamloops.ca/Our-Community/Environment-Sustainability/Climate-Action).

Optional: Please provide any further comments you wish to share on traditional services emissions measurement and reporting here (e.g. system or approach used to measure traditional services emissions).

Calculating contractor emissions continues to be challenging. For the 2024 reporting year, we found significant increases in contractor spending, some of which may be inflationary in nature, but nonetheless have resulted in an increase in our corporate emissions.

Community-Wide Greenhouse Gas Emissions

BC Climate Action Charter signatories have committed to measuring and reporting their community-wide greenhouse gas emissions generated from all greenhouse gas sources (anthropogenic) within their community boundary.

The Community Energy and Emissions Inventory initiative provides a provincial framework for tracking and reporting energy and greenhouse gas emissions at a community-wide scale. It is published with a two-year lag; however, raw unprocessed data can be requested by local governments that wish to measure and report their community-wide emissions for the buildings, on-road transportation and municipal solid waste sectors ahead of publication.

The Climate Action Secretariat is aware that some local governments are developing their own community-wide greenhouse gas emissions inventories (separate from the provincial Community Energy and Emissions Inventory). A better understanding of community-wide emissions measurement at the local level will help the Climate Action Secretariat as we upgrade the Community Energy and Emissions Inventory.

Question 6: For the 2024 calendar year, have community-wide greenhouse gas emissions been measured for your local government or Nation?

- ☐ Yes
- ☐ In-progress
- ☒ No

If not, please select all that apply from the list.

- ☒ No, community greenhouse gas emissions were not reported because the 2024 Provincial Community Energy and Emissions Inventory data has not been released.

- ☐ No, we do not measure and report community-wide emissions data due to a lack of financial capacity.
- ☐ No, we do not measure and report community-wide emissions data due to a lack of staff and technical capacity.
- ☒ No, we do not measure and report community-wide emissions annually. Please indicate the most recent year completed: 2017

If not, has your community or Nation measured and reported community-wide emissions in the past?

- ☒ Yes
- ☐ No

When was the last year your community or Nation reported its community-wide emissions, and what is the interval for reporting?

Outside of the Community Energy and Emissions Inventory, the last year our community conducted an emissions inventory was 2017. In 2021, when Kamloops City Council adopted the Community Climate Action Plan, staff committed to conducting emissions inventories every five years.

Please report your community-wide transportation sector emissions in tonnes of CO₂e for the most recent year available.

375,000 tCO₂e

Please report your community-wide buildings sector emissions in tonnes of CO₂e for the most recent year available.

160,000 tCO₂e

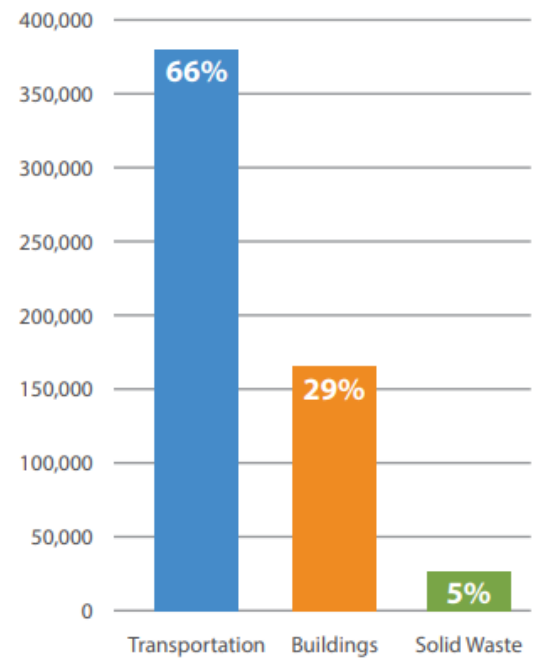
Please report your community-wide solid waste sector emissions in tonnes of CO₂e for the most recent year available.

30,000 tCO₂e

If your local government or Nation measured your community-wide emissions, please report the protocol(s) you used to measure emissions.

- ☐ Global Protocol for Community-Scale Greenhouse Gas Emissions Inventories
- ☐ Global Covenant of Mayors Common Reporting Framework
- ☐ 2006 Intergovernmental Panel on Climate Change Guidelines for National Greenhouse Gas Inventories
- ☐ US Community Protocol for Accounting and Reporting of Greenhouse Gas Emissions (ICLEI USA)

2017 Greenhouse Gas Emissions (tCO₂e) per Sector



- ☐ Regional specific methodology (Community Energy and Emissions Inventory)
- Jurisdiction-specific methodology
- Other - Work completed by a consultant

Question 7: Currently, the Province's legislated greenhouse gas emission reduction targets are 40% by 2030, 60% by 2040, and 80% by 2050, relative to 2007. Please state your local government or Nation's target(s).

Year	Reduction (%)	Baseline Year
2030	30%	2007
2040	n/a	n/a
2050	80%	2007

If your local government or Nation's targets don't conform to the target years noted above, please enter them here.

The above are community-wide targets. Corporate greenhouse gas reduction targets are 40% by 2030 and 100% by 2050.

Question 8: Does your local government or Nation have net-zero or carbon-neutral emissions target? Please select all that apply.

- Yes: Community-wide net-zero target
- ☐ Yes: Corporate carbon neutrality
- Yes: Corporate net-zero target
- ☐ No

Question 9: Please select up to three supporting indicators that would be most valuable to your local government or Nation to advance climate action

- ☐ Housing type: Private dwellings by structural type
- ☐ Floor area: Average floor area by building category and era
- Residential density: Population and dwelling units per square land area (km²)
- ☐ Commute by mode: Employed labour force by mode of commute
- ☐ Greenspace: Land area that is parks and protected green spaces
- Walk score: Proximity to services
- Proximity to transit: Persons, dwelling units and employment within walking distance of a transit stop/line
- ☐ Other

Optional: Please provide any further comments you wish to share on community-wide emissions measurement and reporting here.

It would be helpful if ICBC collected shared aggregate annual odometer data of registered vehicles by community and fuel type.

Provincial Policy Alignment - Mitigation

The CleanBC Roadmap to 2030 is British Columbia's plan to meet provincial emissions reduction targets to be 40% below 2007 levels for 2030 and set us on course to reach net-zero emissions by 2050.

One requirement of this Program is that you must report on a minimum of one project linked to objectives from the CleanBC Roadmap to 2030 and/or Climate Preparedness and Adaptation Strategy. Funding does not need to come from this program. For questions 10–13, if your community reports one initiative related to one sector (e.g. buildings), you have satisfied this requirement. That said, please select all that apply.

Question 10: Please indicate all climate initiatives your local government or Nation had in progress, ongoing, or completed in the 2024 calendar year related to the buildings sector. This should not be limited to what your Local Government Climate Action Program funding supported.

■ Corporate

Corporate Building Policies, Programs, and Actions

- ☐ Highest efficiency standards for new space and water heating equipment
- BC Energy Step Code adoption (Step 3 or higher)
- ☐ Zero Carbon Step Code adoption
- Efficiency upgrades/retrofits
- ☐ Requirement to use mass timber in building construction
- ☐ Requirement to measure embodied carbon
- Other: Conducted the Facility Master Plan and various building recommissioning, audits, and efficiency measures and developed the Energy and Climate Guidelines for Civic Facilities

Please enter the step for part 3 buildings (Energy Step Code).

Step 2 - However, as per Energy and Climate Guidelines for Civic Facilities, we aim to achieve higher performance metrics whenever feasible.

Please enter the step for part 9 buildings (Energy Step Code).

Step 3 - However, as per Energy and Climate Guidelines for Civic Facilities, we aim to achieve higher performance metrics whenever feasible.

■ Community

Community-Wide Building Policies, Programs, and Actions

- Topping up provincial energy efficiency incentive programs
- ☐ Bylaw changes to facilitate heat pump installations or electrical upgrades
- ☐ BC Energy Step Code adoption (Step 4 or higher)
- ☐ Zero Carbon Step Code adoption
- ☐ Requirement to use mass timber in new buildings
- ☐ Requirement to measure embodied carbon
- Other: Developing outreach materials regarding embodied carbon, including lower carbon alternatives of common construction materials, and conducting local research on heat pump case studies featuring local households who have successfully made the switch to using heat pump technology
- ☐ Not applicable

Please highlight a community project(s) that was in progress, ongoing or completed in the 2024 calendar year related to buildings. Please enter NA if your community reported no building initiatives ongoing, completed, or in progress for 2023.

Launched the Retrofit Assist program in November 2024, providing Kamloops residents with personalized guidance on making their homes more energy-efficient and comfortable year-round. Since the launch, 100 Kamloops households have applied for the program with 47 currently actively planning their home energy retrofits.

Question 11: Please indicate all climate initiatives your local government or Nation had in progress, ongoing, or completed in the 2024 calendar year related to the transportation sector. This should not be limited to what your Local Government Climate Action Program funding supported.

■ Corporate

Corporate Transportation Policies, Programs, and Actions

- ☐ Programs to increase high-occupancy (two or more people) vehicle trips (i.e. carpooling)
- ☐ Established personal (passenger) transportation target goals, and measures to reach them, in annual reports - may include target goals for vehicle kilometre reduction, mode share for active transportation, and zero-emission vehicles
- ☐ Established commercial transportation target goals and measures to reach them in annual reports - may include target goals for vehicle kilometre reduction, mode share for energy efficient commercial transportation, and zero-emission vehicles
- ☐ Implemented zero-emission vehicle first procurement policy for all local government on and off-road vehicles purchases

- Implemented a zero-emission vehicle preference or requirement for contracted work from a service provider
- Active transportation infrastructure investments
- Active transportation education and encouragement programs
- Expanded micromobility access, bylaws, and/or infrastructure (e.g. introduced or expanded bike/e-bike/e-scooter sharing programs, built new bike/scooter lanes, updated bylaws for use of bikes/scooters)
- Installation of secure bike parking (i.e. bike valet)
- Electric vehicle charging studies/planning
- Electric vehicle charging infrastructure investments
- Electric vehicle purchases and electric equipment/machinery purchases (i.e. electric Zambonis)
- Required new and/or existing gasoline and card lock fuel stations to include zero-emission vehicle infrastructure development
- Other: Launched an employee bike purchase loan program in May 2024 that offers eligible employees a zero-interest loan (taxable benefit) towards the purchase of a new bike that is then paid back through payroll deductions

■ Community

Community-Wide Transportation Policies, Programs, and Actions

- Programs to increase high-occupancy (two or more people) vehicle trips (i.e. carpooling)
- Improving or expanding public transportation
- Mode shift targets for passenger and/or commercial transportation (shifting from private vehicles to sustainable modes like walking, cycling, and public transit) in Official Community Plans, Regional Growth Strategies, or other guiding documents
- Established personal (passenger) transportation target goals and measures to reach them in annual reports - may include target goals for vehicle kilometre reduction, mode share for active transportation, and zero-emission vehicles
- Established commercial transportation target goals and measures to reach them in annual reports - may include target goals for vehicle kilometre reduction, mode share for energy efficient commercial transportation, and zero-emission vehicles
- Bylaws updated to prioritize energy-efficient transportation hierarchy (i.e. pedestrians first)
- Revising existing bylaws or implementing new ones to support active transportation
- Active transportation planning
- Active transportation infrastructure investments

- Active transportation education and encouragement programs
- Expanded micromobility access, bylaws and/or infrastructure (e.g. introduced or expanded bike/e-bike/e-scooter sharing programs, built new bike/scooter lanes, updated bylaws for bike/scooter uses)
- Bylaws that reduce or eliminate off-street parking requirements
- Implement pedestrian plazas, car-free streets (temporary or permanent), or limited-access automobile streets
- Installation of secure public bike parking (i.e. bike valet)
- Neighbourhood or community-wide speed limit reductions
- Electric vehicle charging studies/planning
- Mandatory electric vehicle infrastructure in new construction
- Established electric vehicle charging-ready bylaws
- Electric vehicle charging infrastructure investments
- Streamlined hydrogen fueling station permitting process
- Required new and/or existing gasoline and card lock fuel stations to include zero-emission vehicle infrastructure development
- Required green roads certification for any new or significantly modified existing roads
- Other: Implemented a Bike Valet pilot program that provided free, secure parking for all active transportation devices from May to August 2024 in the Kelson Hall parking lot, with over 2,000 bikes being parked, and joined the provincial E-Kick Scooter Pilot Project, which permits the use of electric kick scooters on city streets
- Not applicable

Please highlight a community project(s) that were in progress or completed in the 2024 calendar year related to transportation.

In September 2024, the City of Kamloops celebrated the opening of the Fulton Field Park, home to the Capt. Jenn Casey Memorial. Captain Casey and Wing Commander John “Moose” Fulton were commemorated during a private dedication ceremony. Along with the completion of the park, Phase 1 of the Tranquille Road Sanitary Main and Road Enhancement Project was completed and opened, including a multi-use pathway from Kamloops Airport to Crestline Street. The next phase of the project began in 2025 and will eventually connect the airport to downtown Kamloops.



Question 12: Please indicate all climate initiatives your local government or Nation had in progress, ongoing, or completed in the 2023 calendar year related to community-wide and corporate action. This should not be limited to what your Local Government Climate Action Program funding supported.

■ Corporate

Corporate Climate Policies, Programs, and Actions

- ☐ Circular economy or zero waste strategy
- Sustainable procurement policy
- Renewable energy investments (e.g. district energy, waste heat recovery, biomass)
- ☐ Supporting green/blue carbon sequestration
- ☐ Developing compliance carbon offset projects
- Developing voluntary carbon offset projects
- Other: Ongoing LED lighting upgrades

■ Community

Community-Wide Climate Policies, Programs, and Actions

- Complete, compact communities
 - Rezoning
 - ☐ Smaller lots
 - ☐ Density bonuses
 - Infill development
 - Urban containment boundaries
 - ☐ Regional growth strategies
 - ☐ Community development plans
- Organics diversion
- ☐ Circular economy or zero waste strategy
- Renewable energy investments (e.g. district energy, waste heat recovery, biomass)
- ☐ Green/blue carbon sequestration
- Climate engagement
- ☐ Other
- ☐ Not applicable

Please highlight a community project(s) that was in progress, ongoing, or completed in the 2023 calendar year related to community-wide or corporate action.

The Zoning Bylaw was updated to allow small-scale multi-unit housing (four units per lot) in all urban residential zones as per Bill 44, the *Housing Statutes (Residential Development) Act* (small-scale multi-unit housing not permitted outside the urban containment boundary). KAMPLAN: City of Kamloops Official Community Plan and the Zoning Bylaw were updated to support higher-density development close to transit exchanges and exempt residential development in those areas from off-street parking requirements as per Bill 47, the *Housing Statutes (Transit Oriented Areas) Act*.



Provincial Policy Alignment - Resilience and Adaptation

The goal of climate adaptation is to reduce risk and vulnerability associated with climate change impacts. To manage climate impacts, local governments and Nations are integrating climate adaptation principles into decisions and everyday activities.

One requirement of this program is that you must report on at least one project linked to one or more objectives from the CleanBC Roadmap to 2030 and/or the Climate Preparedness and Adaptation Strategy in questions 10–13. If your community reports one initiative related to one sector, you have satisfied this requirement, but please select all that apply for questions 10–13.

Question 13 a): Please indicate all initiatives your local government or Nation had completed, ongoing, or in progress in the 2024 calendar year to adapt to and build resilience to climate impacts. This should not be limited to what your Local Government Climate Action Program funding supported.

■ Corporate

Corporate Resilience and Adaptation Policies, Programs, and Actions

- Undertaking or completing a risk assessment at the asset or project level
- Undertaking or completing a hazard, risk, and vulnerability analysis at the asset or project level
- Addressing current and future climate risks through plans, adaptation measure implementation, programs, service delivery, asset management, and/or other functions
- Collaboration with other communities on resilience planning/initiatives
- Monitoring climate risks or impacts (floods, wildfires, etc.)
- Providing training (adaptation and mitigation skills)
- Creation of policy/procedures to effect change (climate considerations into decision-making processes)
- Creating data systems to support climate action
- Utilizing natural assets/nature-based solutions

- Developing emergency/hazard response plans
- Developing business continuity or similar plan(s)
- Other
- Community

Community-Wide Resilience and Adaptation Policies, Programs, and Actions

- Undertaking or completing a risk assessment at the community level
- Undertaking or completing a hazard, risk, and vulnerability analysis at the community level
- Addressing current and future climate risks through plans, adaptation measure implementation, programs, service delivery, asset management, and/or other functions
- Collaboration with other communities on resilience planning/initiatives
- Hydro climatological data collection
- Monitoring climate risks or impacts (floods, wildfires, etc.)
- Public engagement on climate risks and actions
- Providing training (adaptation and mitigation skills)
- Creation of policy/procedures to effect change (climate considerations into decision-making processes)
- Creating data systems to support climate action
- Developing, acquiring, or already have hazard or climate risk mapping (e.g. flood plains), data, or similar information
- Utilizing natural assets/nature-based solutions
- Developing emergency/hazard response plans
- Other
- Not applicable

Please highlight one or more climate adaptation project(s) that were completed, ongoing, or in progress in the 2024 calendar year to reduce risk and increase resilience.

Kamloops Fire Rescue offered free hedge chipping service as part of the City of Kamloops FireSmart program. The aim of the pilot program is to reduce wildfire risk by incentivizing residents to dispose of flammable plant materials, such as cedar hedges and juniper shrubs. The service was available to specific neighbourhoods in Kamloops, with priority given to areas near green spaces or with high demand for FireSmart assessments. The 2024 pilot program involved 50 households. Based on this success, City staff submitted a request for Community Climate Action Plan funding to support an expanded program in 2025.



Question 13 b): How many full-time equivalent staff are dedicated to developing the plans and assessments listed below? This includes plans and assessments done collaboratively with other local or Indigenous government partners.

- Emergency management plans that address preparedness, response and/or recovery; also include hazard-specific response plans such as an extreme heat response plan
1.5 full-time equivalents
- Business continuity plans
0.5 full-time equivalents
- Hazard and climate risk assessments (e.g. hazard, risk, and vulnerability analysis, flood plain mapping, sea level rise risk assessment)
1.5 full-time equivalents
- Hazard and climate risk reduction/adaptation plans (e.g. flood risk management plan, community wildfire protection plan, water supply management plans)
0.5 full-time equivalents
- ☐ Not applicable

Question 13 c): What is the annual budget allocated for the plans and assessments listed below? This includes plans and assessments done collaboratively with other local or indigenous government partners.

- ☐ Emergency management plans that address preparedness, response, and/or recovery; also includes hazard specific response plans such as an extreme heat response plan)
- ☐ Business continuity plans
- ☐ Hazard and climate risk assessments (e.g. hazard, risk, and vulnerability analysis, flood plain mapping, sea level rise risk assessment)
- ☐ Hazard and climate risk mitigation/adaptation plans (e.g. flood risk management plan, community wildfire protection plan, water supply management plans)
- Not applicable

Question 14 a): Has a climate risk and vulnerability or similar assessment been undertaken for your local government or Nation? Please select all that apply. In the textbox, please provide the year of completion.

- ☐ Yes, at the community level
- Yes, at the asset or project level - 2024
- ☐ No

If available, please provide a link to the document:

[City of Kamloops Extreme Heat Response Plan](#)

Question 14 b): Are you integrating climate risk into asset management, budgeting, and climate action plans?

- Yes, in asset management
- Yes, in budgeting
- Yes, in climate action plans
- ☐ No

Question 15: What are the most significant climate hazards and impacts faced by your jurisdiction, and please specify the associated adaptation measures completed or in progress in the 2024 calendar year, if any.

- Extreme heat and heat stress: [Extreme Heat Response Plan](#)
- Extreme cold, snow and ice: Cold Weather Response Plan - in progress
- Water shortages: [Water Use Restrictions Plan](#)
- Wildfire: [Community Wildfire Protection Plan](#)
- Wildfire smoke: [Community Wildfire Protection Plan](#)
- Overland flooding:
- ☐ Coastal flooding, storm surge events, and/or other coastal hazards
- Wind, rain, and other storm events: [Integrated Stormwater Management Plan](#)
- Ecological impacts (examples of ecological impacts include biodiversity loss and erosion): [Integrated Stormwater Management Plan](#)
- Cultural impacts (examples of cultural impacts include threats to identities, languages, and livelihoods):
- Human health impacts: pandemic planning
- Power outages
- Landslides
- ☐ Not applicable/no hazards
- ☐ Not sure
- Other

Question 16: What information do you need to know to be able to plan effectively for the future of your community with respect to the hazards and impacts identified in Question 15? Please select one or more of what you consider the most valuable types of information for planning.

- Local knowledge
- Localized climate modelling and projected scenarios
- Assessment of potential community impacts

- Assessment of community vulnerabilities
- Risk assessment of hazards
- Mapping of climate change impacts and hazards
- Demographic information
- Projected development
- Adaptation planning information
- Technical expertise to implement solutions
- Community/stakeholder engagement and support
- Information on partnership opportunities
- Examples of actions taken by other communities
- ☐ Not sure
- ☐ Other

Optional: What climate resilience indicators are of most value to your local government or Nation?

In 2024, it was noted that hazard risk assessments, localized climate modelling and projected scenarios, and community vulnerability and potential community impact assessments were of the most value to the City of Kamloops.

Question 17: Please indicate all initiatives your local government or Nation had in progress, ongoing, or completed in the 2024 calendar year related to collaborating with neighbouring communities, business or community organizations, critical infrastructure providers and/or other partners. Please select all that apply.

- Emergency management and disaster climate risk management-related activities, such as preparing, reviewing, or revising hazard risk assessments, emergency/hazard response, and/or hazard risk plans
- ☐ Entering into agreements with other jurisdictions related to emergency management, hazard and climate risk reduction, etc. (This request would exclude information on mutual aid-type agreements in relation to things like fire protection services.)
- ☐ Preparing, reviewing, or revising a risk assessment or an emergency management plan
- ☐ Not applicable

Question 18: Has your local government or Nation completed a natural asset inventory (an assessment of natural resources like forests, wetlands, and waterways for their ecosystem services and values)?

- ☐ Yes
- No
- ☐ Currently in progress

If no, what are the primary barriers preventing your local government or Nation from completing a natural asset inventory? Please select all that apply.

- ☐ Lack of awareness
- ☒ Lack of funding
- ☒ Lack of capacity (staff, expertise, etc.)
- ☐ Not a current priority for council, directors, or leadership
- ☐ Other (please specify)

Equity

Certain populations are disproportionately affected/more vulnerable by climate hazards and impacts (e.g. people experiencing homelessness, low-income households, seniors/elders, people living alone).

Taking an equity-informed approach to climate action is about enhancing climate resilience for everyone in British Columbia, regardless of where and how they live, and requires a just approach that integrates equity considerations into climate planning and adaptation responses.

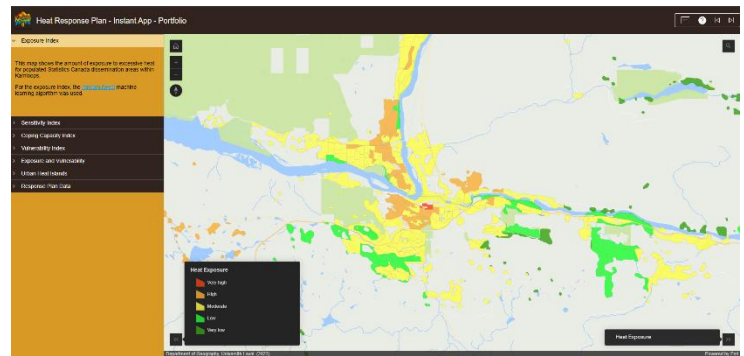


Question 19: How does your local government or Nation ensure equitable access to and distribution of climate action opportunities and benefits? Please select all that apply.

- ☐ By collecting and analyzing disaggregated and/or spatial data on the impacts of climate policy and change
- ☒ By engaging with equity-seeking groups/front-line communities most impacted by climate policy and change
- ☒ By designing and implementing climate actions that remove barriers to participation in planning and programs faced by equity-seeking groups/frontline communities most impacted by climate change
- ☐ There are no specific measures in place to ensure equitable access to and distribution of opportunities and benefits
- ☐ Not sure how to integrate equity into our climate action work
- ☐ Not sure if equity is being integrated into our climate action work

Optional: Please highlight a climate initiative completed or in progress in the 2023 calendar year that promotes equity and inclusion.

In 2024, the City of Kamloops completed an Extreme Heat Response Plan, which outlines a range of short- and long-term strategies to make Kamloops a safer place during prolonged heat waves or extreme heat emergencies. A component of this plan is the Heat Vulnerability Map, which can be accessed at [Kamloops.ca/City-Hall/Strategies-Plans/Extreme-Heat-Response-Plan](https://kamloops.ca/City-Hall/Strategies-Plans/Extreme-Heat-Response-Plan). The Extreme Heat Response Plan, along with the new mapping tool, will help to inform decision making related to investments in community climate resiliency.



Local Government Climate Action Program Funding

The Local Government Climate Action Program must be able to demonstrate the impact this funding has on greenhouse gas emissions reductions and resilience and adaptation in British Columbia. To substantiate the program, we must develop a baseline understanding of where local governments and Nations are at with respect to climate action and track progress over time.

Please do your best to specify how much of your Local Government Climate Action Program funds was invested for each initiative undertaken without double counting.

Question 20: How has your local government or Nation spent or committed its Local Government Climate Action Program funding received in March 2024? This is the three-years' upfront lump sum totaling: \$952,513.

Instructions:

- Please select all that apply and indicate the total dollar value associated with each initiative.
- Please ensure the amount(s) entered below equals your local government or Nation's total Local Government Climate Action Program funding amount received in 2024 (noted above). For the purposes of this question, "committed" funding refers to money that has been officially allocated or earmarked for specific projects with certainty, even if it has not yet been spent.
- Please select "funds on hold" for any funding that was not spent or committed during the 2024 calendar year.

■ Corporate

Corporate-wide Initiatives

- Staffing - \$16,800
- Energy study - \$15,850
- ☐ Climate study

- Traditional services emissions reporting - \$35,860
- Asset management
- Climate finance planning
- Leveraging funds from other sources/grant stacking - \$25,000
- Buildings initiatives
- Transportation initiatives

Corporate transportation policies, programs and actions.

- Programs to increase high-occupancy (two or more people) vehicle trips (i.e. carpooling)
- Established personal (passenger) transportation target goals, and measures to reach them, in annual reports - may include target goals for vehicle kilometre reduction, mode share for active transportation, and zero-emission vehicles
- Established commercial transportation target goals, and measures to reach them, in annual reports - may include target goals for vehicle kilometre reduction, mode share for energy efficient commercial transportation, and zero-emission vehicles
- Implemented zero-emission vehicle-first procurement policy for all local government on and off-road vehicles purchases
- Implemented a zero-emission vehicle preference or requirement for contracted work from a service provider
- Active transportation infrastructure investments
- Active transportation education and encouragement programs
- Expanded micromobility access, bylaws and/or infrastructure (e.g. introduced or expanded bike/e-bike/e-scooter sharing programs, built new bike/scooter lanes, updated bylaws for use of bikes/scooters)
- Installation of secure bike parking (i.e. bike valet)
- Electric vehicle charging studies/planning
- Electric vehicle charging infrastructure investments
- Required new and/or existing gasoline and card lock fuel stations to include zero-emission vehicle infrastructure development
- Other
- Corporate-wide initiatives
- Resilience and adaptation initiatives
- Other
- **Community-wide Initiatives**

- Climate engagement- \$17,360
- Climate study
- Energy study
- Asset management
- Buildings initiatives

Community-wide buildings policies, programs and actions.

- Topping up Provincial energy efficiency incentive programs- \$20,435
 - BC Energy Step Code adoption (Step 4 or higher)
 - Zero Carbon Step Code adoption.
 - Requirement to use mass timber in buildings construction.
 - Requirement to measure embodied carbon.
- Other- \$65,150- Retrofit Assist Concierge Program (\$60,000), Building Benchmarking BC (\$3,150), and Sponsorship or Wildfire Resilient Housing Workshop (\$2,000).
- Transportation initiatives

Community-wide transportation policies, programs and actions.

- Programs to increase high-occupancy (2 or more people) vehicle trips (i.e. carpooling)
- Improving or expanding public transportation
- Mode shift targets for passenger and/or commercial transportation (shifting from private vehicles to sustainable modes like walking, cycling and public transit) in Official Community Plans, Regional Growth Strategies, or other guiding documents
- Established personal (passenger) transportation target goals, and measures to reach them, in annual reports - may include target goals for vehicle kilometre reduction, mode share for active transportation, and zero-emission vehicles
- Established commercial transportation target goals, and measures to reach them, in annual reports - may include target goals for vehicle kilometre reduction, mode share for energy efficient commercial transportation, and zero-emission vehicles
- Bylaws updated to prioritize energy-efficient transportation hierarchy (i.e. pedestrians first)
- Revising existing bylaws or implementing new ones to support active transportation
- Active transportation planning

- Active transportation infrastructure investments
- Active transportation education and encouragement programs
- Expanded micromobility access, bylaws, and/or infrastructure (e.g. introduced or expanded bike/e-bike/e-scooter sharing programs, built new bike/scooter lanes, updated bylaws for use of bikes/scooters)
- Bylaws that reduce or eliminate off-street parking requirements
- Implement pedestrian plazas, car-free streets (temporary or permanent), or limited-access automobile streets
- Installation of public secure bike parking (i.e. bike valet) - \$84,000
- Neighbourhood or community-wide speed limit reductions
- Electric vehicle charging studies/planning
- Mandatory electric vehicle infrastructure in new construction
- Established electric vehicle charging-ready bylaws
- Electric vehicle charging infrastructure investments
- Streamlined hydrogen fueling station permitting process
- Required new and/or existing gasoline and card lock fuel stations to include zero-emission vehicle infrastructure development
- Required green roads certification for any new or significantly modified existing roads
- Other
- Community-wide initiatives

Community-Wide Resilience and Adaptation Policies, Programs, and Actions

- Complete, compact communities
- Organics diversion
- Circular economy or zero waste strategy
- Renewable energy investments (e.g. district energy, waste heat recovery, biomass)
- Supporting green/blue carbon sequestration
- Other- \$18,500 - Community Wood Smoke Reduction Program
- Resilience and adaptation initiatives
- Topping up programs/incentives - \$21,500
- Other

- Funds on hold - \$632,058
 - Please indicate the project(s) funds have been allocated to.
- No decision has been made.

To expand upon your selection(s), please highlight the initiative(s) your local government or Nation's Local Government Climate Action Program funding received in March 2024 has gone towards:

Since 2023, the Community Climate Action Grant program has supported and encouraged residents, non-profit organizations, and charities to advance their ideas for community-based climate action projects that support priority actions in the Community Climate Action Plan and have the potential to decrease community greenhouse gases, enhance community resilience to climate change, and/or support a healthy urban ecosystem. \$20,000 of the City's Climate Action Reserve is earmarked annually to support grants up to \$2,000. In 2024, the Climate Action Grant program funded 16 projects for a total of \$17,600, including a trail restoration project, school waste reduction programs, and climate education support.

In 2024, with funding support from BC Hydro and FortisBC, the City of Kamloops (Local Government Climate Action Program) and Thompson Rivers University kicked off a project to examine best practices, facilitate engagement activities, and develop recommendations for priority short- and long-term opportunities for enriching Thompson Rivers University's School of Trade Technology program curriculum and learning environments. The goal is to encourage Thompson Rivers University's commitment and capacity to attract and endow School of Trade Technology program graduates with the skills, knowledge, and motivation they need to lead meaningful careers in high-performance construction, building science and design, low-carbon energy systems, and renovations.

The City launched the Retrofit Assist program in November 2024 in partnership with the Community Energy Association and with funding from the Federation of Canadian Municipalities. This free concierge service provides Kamloops residents with personalized guidance on making their homes more energy efficient and comfortable year-round. It also offers support to maximize available rebates; connections to expert energy advisors and contractors specializing in air sealing, insulation, windows, doors, and heat pump installations; and access to competitive third-party financing.

Through the CleanBC Better Homes and Home Renovation Rebate Program, the City offers a rebate top-up (\$350) for eligible Kamloops households that install a heat pump. With the help of this top-up, 126 households have switched from natural gas heating to an air-sourced heat pump since March 2022.

With the City's support, 43 local commercial and institutional buildings, including 26 municipal facilities, are benchmarking their energy consumption and performance on ENERGY STAR Portfolio Manager with support from Building Benchmark BC.

Question 20 b): How has your local government or Nation spent or committed its remaining Local Government Climate Action Program funding received in 2022 and 2023? Based on our records, for your community, these funds total: \$89,514. (This is your community's total Local Government Climate Action Program funding received in 2022 and 2023 minus what was reported as spent in the last two Local Government Climate Action Program surveys.)

Instructions

- Please select all that apply and indicate the total dollar value associated with each initiative.
- Please ensure the amount(s) entered below equals your local government or Nation's total Local Government Climate Action Program funding amount that was previously reported as in reserve (noted above). It doesn't matter which year the previously reserved funds received in 2022 and 2023 were spent or committed in.

■ Corporate

Corporate Initiatives

- ☐ Staffing
- ☐ Energy study
- ☐ Climate study
- ☐ Traditional services emissions reporting
- ☐ Asset management
- ☐ Climate finance planning
- ☐ Leveraging funds from other sources/ grant stacking

■ Buildings initiatives

Corporate building policies, programs and actions

- ☐ Highest efficiency standards for new space and water heating equipment
- ☐ BC Energy Step Code adoption (Step 4 or higher)
- ☐ Zero Carbon Step Code adoption
- Efficiency upgrades/retrofits - \$89,514
- ☐ Requirement to use mass timber in building construction
- ☐ Requirement to measure embodied carbon
- ☐ Other

To expand upon your selection(s), please highlight the initiative(s) your local government or Nation's Local Government Climate Action Program funding received in 2022 and 2023 has gone towards:

Remaining funds from 2022 and 2023 (and from prior years as well) have been committed to the Brocklehurst Arena ice plan upgrade (\$750,000), specifically for a waste heat recovery system that will be used to pre-heat the facility's domestic hot water and seasonally the outdoor pool, as well as the arena's snow melt pit, scheduled for 2025 completion.

In addition, \$45,000 was invested in the McArthur Island Sport and Event Centre in spring 2025 to optimize the building's waste heat recovery system. It is estimated that completing this measure (i.e. decoupling the compressors' cooling system from the evaporative condenser) will result in significant fuel savings (~3,000 GJ/year).

- ☐ Transportation initiatives
- ☐ Corporate-wide initiatives
- ☐ Resilience and adaptation initiatives
- ☐ Other
- ☐ Community
- ☐ Not applicable (Amount above is \$0 as funds were reported as spent in the last two Local Government Climate Action Program surveys)

Question 21 a): How much additional external funding for climate action were you able to invest by leveraging your 2024 Local Government Climate Action Program funds? This could include matching grants as well as private investment.

\$167,550

Question 21 b): Please list the funding programs leveraged and associated funders (i.e. Investing in Canada Infrastructure Program, Canada/Province). Please enter "NA" if no funds were leveraged.

- Community Active Transportation Engagement Grant Program, BC Alliance for Healthy Living Society/Province
- UBC Sustainability Scholars Program, BC Hydro
- Attended Bicycle Parking Grant, BC Cycling Coalition/Province
- Implementation Offer, BC Hydro
- Community Wood Smoke Reduction Program, BC Lung Foundation/Province
- GoByBike Week Grant, GoByBike BC/Province

Question 22: What is your internal decision criteria for spending Local Government Climate Action Program dollars?

All Local Government Climate Action Program (and previously the Climate Action Revenue Incentive Program) revenue is allocated to the City's Climate Action Fund reserve. As directed by City Council, the Climate Action Fund reserve is used for initiatives that have the potential to reduce greenhouse gas emissions and/or advance a priority in the Community Climate Action Plan. Since the City established a Climate Action Levy in 2021 (i.e. taxation-based revenue), the Climate Action Fund reserve (and Local Government Climate Action Program revenue) is being used for shorter-term

initiatives (e.g. studies, incentives, pilot programs), given the requirement to utilize Local Government Climate Action Program funds within three years of their receipt. Generally speaking, the City’s Finance team will consult the Climate and Sustainability Division on any internal requests to access monies from the Climate Action Fund reserve.

Question 23: Does your local government or Nation use a formal framework to apply a climate lens on infrastructure planning and decision making? This could include the Provincial preliminary greenhouse gas assessment guidance, the Federal climate lens guidance, or another climate lens framework.

- Yes
- No

Question 24: What is the value of the program’s continuity for your community?

The Local Government Climate Action Program’s continuity holds significant value for Kamloops by supporting the funding of both new and ongoing corporate and community climate action initiatives. It enables the City of Kamloops to utilize additional funding sources, such as grants, and serves as an effective mechanism to ensure accountability to climate targets across all City departments. This program also highlights the City’s dedication to demonstrating climate leadership within the community.

Local Government Climate Action Program Attestation Form

I, the Chief Financial Officer, or equivalent position, attest to the following:

1. That Local Government Climate Action Program funding has been, or will be, allocated to climate action.
2. That Local Government Climate Action Program funds for years 1 and 2 received in 2022 and 2023 will be spent by March 31, 2025.
3. That Local Government Climate Action Program funds for years 3-- received in 2024 will be spent by March 31, 2028.
4. That a completed and signed version of this form and survey contents will be publicly posted by September 30, 2024.

Attested by: Michael Helfrich

Professional title: Business Manager

Local government or Modern Treaty Nation: City of Kamloops

Date: 2025-07-29

Attestor signature

Signature captured: 2025-07-29 16:20:00 Pacific Daylight Time