

LGCAP 2024 – City of Salmon Arm

The Local Government Climate Action Program (the Program or LGCAP) aims to catalyze the efficient flow of financial resources, data and knowledge between Modern Treaty Nations, local governments, and the Provincial Government to allow for cost effective, 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 this program, a climate initiative or action is one that reduces greenhouse gas (GHG) 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; increasing human and institutional capacity with respect to climate change mitigation and adaptation, impact reduction and early warning systems.

The Survey

Climate Action Planning

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

To answer the following questions, consider staff that contribute to activities that reduce greenhouse gas (GHG) 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, increasing human and institutional capacity with respect to climate change mitigation and adaptation, impact reduction and early warning systems.

***Question 1: How many staff in full time equivalents (FTEs) are dedicated to working specifically on climate action?**

- 0

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

- No

***If not, please select one or more options from the list.**

- No, but we are currently undertaking one and it will be completed in the next two years.

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

- Yes
- Standalone energy-related plan – 2020-11

Please include a link to the document or webpage if available:

Community Energy and Emissions Plan (2020):

<https://www.salmonarm.ca/439/Climate-Action>

***Question 4: Please select up to 3 challenges impeding the advancement of climate action in your community.**

- Lack of staff capacity or expertise.
- Lack of financial resources.
- Competing priorities.

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 residents and above ([see population statistics here](#)).

This requirement can be fulfilled using an established reporting framework of your choosing (CDP, GHG Protocol for Cities, etc.), including the LGCAP scope and

boundaries described in the [LGCAP Traditional Services Emissions Scope and Boundaries document](#). Contracted emissions must be accounted for regardless of which protocol your local government employs. Local governments with populations below 10,000 and Modern Treaty Nations are not required to report traditional services greenhouse gas emissions but are encouraged and supported to do so on a voluntary basis.

Traditional services GHG 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, and
- Local government administration.

Please see the following resources for guidance:

- [LGCAP Traditional Services Boundaries and Scope Guidance](#),
- [Scope Summary Document](#),
- [Traditional Services Inventory Reporting Tool](#),
- [Contracted Services Emissions Guidance](#),
- [Contracted Emissions Calculator](#),
- [BC Best Practices Methodology for Quantifying GHG Emissions](#), and
- [Emission Factors Catalogue](#).

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

If your local government or Nation is only reporting traditional services inventory through this LGCAP survey, please select “Yes”.

- Yes

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

886.3

***If your local government or Nation measured 2024 traditional services GHG emissions, please report the GHG emissions from contracted services (in tonnes of carbon dioxide**

873.7

***If your local government or Nation measured 2024 traditional services GHG emissions, please report the total GHG 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.

1760

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').

This information will allow us to modify our [Contracted Emissions Calculator](#) to provide default percentages for small, medium and large communities.

N/A

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

- **LGCAP methodology (our guidance documents such as the [BC Best Practices Methodology for Quantifying GHG Emissions](#) and the [LGCAP Traditional Services Boundaries and Scope Guidance](#))**

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

764.3

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

725.7

Please provide the link to the public report if available.

<https://www.salmonarm.ca/439/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).

The City of Salmon Arm's total emissions are 1343.4 (which is 1760 less 416.6 related to organics diversion)

Community-Wide Greenhouse Gas Emissions

B.C. [Climate Action Charter](#) signatories have committed to measuring and reporting their community-wide GHG emissions generated from all GHG sources (anthropogenic) within their community boundary.

The [Community Energy and Emissions Inventory](#) (CEEI) initiative provides a provincial

framework for tracking and reporting energy and GHG 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 (CAS) is aware that some local governments are developing their own community-wide GHG emissions inventories (separate from the provincial CEEI). A better understanding of community-wide emissions measurement at the local level will help CAS as we upgrade the CEEI.

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

- No

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

- No, community GHG 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 lack of staff and technical capacity.

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

- No

***Question 7: Currently, the Province's legislated GHG 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).**

Please enter "0" if no targets or baseline are established for the years given in the table.

	Reduction Percentage (format: e.g., 40)	Baseline Year (format: e.g., 2007)
2030	6	2007

	Reduction Percentage (format: e.g., 40)	Baseline Year (format: e.g., 2007)
2040		
2050		

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

As per OCP 4.6.3, target 6% reduction from 2007 level by 2020. This has been achieved. New targets to be determined in new OCP expected late 2025.

***Question 8: Does your local government or Nation have net-zero or carbon-neutral emissions target(s)?**

For the purposes of our reporting, we're only asking about net-zero and carbon neutrality, but acknowledge that there are a variety of corporate targets.

- Net-zero refers to a jurisdiction or organization achieving a balance between greenhouse gas emissions produced and removed from the atmosphere (e.g. planting trees or using carbon capture technologies)
- Carbon neutral refers to an organization reducing emissions as much as practicable and then offsetting the remainder by purchasing offsets or other similar mechanisms

Please select all that apply.

- 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.**

Previously, the Province reported these indicators through the [Community Energy and Emissions Inventory](#) initiative. The Province could prioritize publishing these indicators again in the future.

- Housing type: Private dwellings by structural type
- Residential density: Population and dwelling units per square land area (km²)
- Commute by mode: Employed labour force by mode of commute

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

NA

Provincial Policy Alignment - Mitigation

The CleanBC Roadmap to 2030 is B.C.'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](#) (CPAS). 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.

For questions 10-13, please note the following regarding "Ongoing" initiatives.

"Ongoing" includes initiatives that are either:

- **Implemented in previous years and still active (e.g., an organics diversion project started in 2022 that continues to divert waste).**
- **Currently available or in effect in 2024 (e.g., supplementing Provincial energy efficiency incentive programs).**

***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 LGCAP funding supported.

- Corporate

- Community

***Corporate buildings policies, programs and actions.**

- Highest efficiency standards for new space and water heating equipment.
- Efficiency upgrades/retrofits.

***Community-wide buildings policies, programs and actions.**

- BC Energy Step Code adoption (Step 4 or higher).
- Zero Carbon Step Code adoption.

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

Step 3

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

Step 3

Please enter the Emissions Level required for Part 3 buildings (Zero Carbon Step Code).

EL-1

Please enter the Emissions Level required for Part 9 buildings (Zero Carbon Step Code).

EL-1

***Please highlight a community project(s) that was in-progress, ongoing or completed in the 2024 calendar year related to buildings.**

- LED lighting conversions

***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 LGCAP funding supported.

- Corporate

***Corporate transportation policies, programs and actions.**

- Implemented zero-emission vehicle first procurement policy for all local government on and off-road vehicles purchases.
- Active transportation infrastructure investments.
- Electric vehicle purchases and electric equipment/machinery purchases (i.e. electric zambonis)

***Please highlight a community project(s) that was in-progress, ongoing or completed in the 2024 calendar year related to transportation.**

- 10 Ave SW – multi use path west of Piccadilly (2024)

***Question 12: Please indicate all other climate initiatives (excluding buildings, transportation, and adaptation and resilience) your local government or Nation had in-progress, ongoing or completed in the 2024 calendar year related to community-wide and corporate action.**

This section includes initiatives such as land-use planning, renewable energy projects, waste diversion, etc. This should not be limited to what your LGCAP funding supported.

- Community

***Community-wide climate policies, programs and actions.**

- Complete, compact communities

- Organics diversion

***Complete, Compact Communities - Please select all that apply.**

See [Complete Communities Guide and Program](#) for supports advancing identified community goals through the creation of more complete, compact and energy efficient communities.

- Density bonuses
- Infill development
- Urban containment boundaries
- Community Development Plans

***Please highlight a community project(s) that was in-progress, ongoing or completed in the 2024 calendar year related to community-wide or corporate action.**

- Ongoing organic waste and residential yard waste diversion programs.

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 or more project(s) linked to one or more objectives from the [CleanBC Roadmap to 2030](#) and/or the [Climate Preparedness and Adaptation Strategy](#) (CPAS) 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 LGCAP funding supported.

- Corporate

- Community

***Corporate resilience and adaptation policies, programs and actions.**

- Undertaking or completing a Hazard Risk Vulnerability Analysis (HRVA) 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, wildfire, etc.).
- Providing training (adaptation and mitigation skills).
- Utilizing natural assets/nature-based solutions.
- Developing emergency/hazard response plans.
- Developing business continuity or similar plan(s)

***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 Vulnerability Analysis (HRVA) 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.
- Monitoring climate risks or impacts (floods, wildfire, etc.).
- Public engagement on climate risks and actions.
- Creation of policy/procedures to affect change (climate considerations into decision-making processes).

- Developing, acquiring, or already have hazard or climate risk mapping (e.g., floodplains), data or similar information.
- Utilizing natural assets/nature-based solutions.
- Developing emergency/hazard response plans.

***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.**

Please note that highlights for resilience actions may be shared with the Ministry of Emergency Management and Climate Readiness (EMCR) for them to use on [ClimateReadyBC](#) as part of their work on sharing info on climate resilience in BC. EMCR may follow up for more details if needed.

- Wildfire Fuel Load Management projects:
Little Mountain Park and Pileated Woods (2024)

***Question 13 b): Staff time for developing plans and assessments**

How many full-time equivalent (FTE) 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.

Please estimate e.g., 100% time = 1.0; 50% time = 0.5; 25% time = 0.25.

- Emergency management plans that address preparedness, response and/or recovery; also includes hazard specific response plans such as an extreme heat response plan
 - 0.25
- Hazard and climate risk assessments (e.g., Hazard, Risk and Vulnerability Assessment (HRVA), floodplain mapping, sea level rise risk assessment)
 - 0.25
- Hazard and climate risk reduction / adaptation plans (e.g., flood risk management plan, community wildfire protection plan, water supply management plans)
 - 0.25

***Question 13 c): Funding for developing plans and assessments**

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.

Please estimate and round to the nearest thousand and enter numbers with no dollar sign or comma.

- 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.

If completed, please provide the year of completion in the textbox (YYYY).

- No

***If not, please select one or more options from the list.**

- No, but we are currently undertaking one and it will be complete in the next two years.

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

- Yes, in asset management

***Question 15: Please select 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.**

If entering a hazard under "Other", please also write the hazard in the textbox.

Textbox limit: 998 characters

- Extreme heat and heat stress – Plan under development

- Wildfire – Fire Smart Programs
- Wildfire smoke - Fire Smart Programs
- Wind, rain, and other storm events - Fire Smart Programs
- Human health impacts - Wildfire Fuel Load Management Projects

***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
- Technical expertise to implement solutions
- Community/partner engagement and support
- Examples of actions taken by other communities

***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 their neighbouring communities, businesses 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 risks plans.

- Preparing, reviewing or revising a risk assessment or an emergency management plan.

***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 value)?**

- Yes

Is your local government or Nation actively managing your natural assets based on this inventory?

- No
- Planning to start soon

If your local government or Nation is not actively managing natural assets, what are the primary reasons?

Please select all that apply.

- Lack of capacity (staff, expertise, etc.)
- Lack of funding
- Cross-jurisdictional challenges (natural assets existing outside your jurisdictional boundary)

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 B.C., 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 engaging with equity seeking groups/frontline 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.

Optional: Please highlight a climate initiative completed or in-progress in the 2024 calendar year that promotes equity and inclusion.

NA

LGCAP Funding

The Program must be able to demonstrate the impact this funding has on greenhouse gas emissions reductions and resilience and adaptation in B.C. 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 LGCAP funds was invested for each initiative undertaken without double counting.

***Question 20 a): How has your local government or Nation spent or committed its LGCAP funding received in March 2024?**

This is the 3-years' upfront lump sum totaling: \$430,960

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 LGCAP 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.
 - Format: no dollar sign, no comma and up to two decimal places.
-
- Corporate
 - Funds on hold - \$222,960

Corporate Initiatives

Textbox format: no dollar sign and up to two decimal points (i.e. 2500 or 657.25).

If selecting "Other", please write both the item and the amount of funding in the textbox.

- Climate study - \$40,000
- Buildings initiatives
- Transportation initiatives

***Corporate buildings policies, programs and actions.**

Textbox format: no dollar sign and up to two decimal points (i.e. 2500 or 657.25).

If selecting "Other", please write both the item and the amount of funding in the textbox.

- Other - Transportation-Public Works Xeriscape Project - \$33,000

***Corporate transportation policies, programs and actions.**

Textbox format: no dollar sign and up to two decimal points (i.e. 2500 or 657.25).

If selecting "Other", please write both the item and the amount of funding in the textbox.

- Electric vehicle charging studies/planning – \$75,000
- Electric vehicle purchases and electric equipment/machinery purchases (i.e. electric zambonis) – \$60,000

Funds on hold - How will funds be allocated?

- No decision has been made.

***To expand upon your selection(s), please highlight the initiative(s) your local government or Nation's LGCAP funding received in March 2024 has gone towards**

Planned operating expenses in 2025 include:

- Climate Action Plan - \$40,000
- EV Readiness Assessment - \$75,000
- Transportation-Public Works Xeriscape Project - \$33,000

Planned capital expenses in 2025 include:

- Electric Remote Control Mower - \$60,000

***Question 20 b): How has your local government or Nation spent or committed its remaining LGCAP funding received in 2022 and 2023?**

Based on our records, for your community, these funds total: \$176,664. (This is your community's total LGCAP funding received in 2022 and 2023 minus what was reported as spent in the last two LGCAP surveys.)

- **Your community needs to report on this whether or not you've submitted an LGCAP Spending Forecast Form.**
- **You can see what your community has previously reported for LGCAP funding in the [LGCAP Raw Survey Data](#).**

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 LGCAP 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.
- Format: no dollar sign, no comma and up to two decimal places.
- Corporate

Corporate Initiatives

Textbox format: no dollar sign and up to two decimal points (i.e. 2500 or 657.25).

If selecting "Other", please write both the item and the amount of funding in the textbox.

- Buildings initiatives
- Other - Universal LED Street Lighting Residential - \$25,000

***Corporate buildings policies, programs and actions.**

Textbox format: no dollar sign and up to two decimal points (i.e. 2500 or 657.25).

If selecting "Other", please write both the item and the amount of funding in the textbox.

- Other - MUA/Glycol Loop at Rogers Rink - \$60,000

***To expand upon your selection(s), please highlight the initiative(s) your local government or Nation's LGCAP funding received in 2022 and 2023 has gone towards**

2022:

EV vehicle purchased for Bylaw Dept. (Hyundai Kona)

Charge station installed at City Hall (Staff use)

Wildfire Fuel Load Management (Little Mountain Park)

Water Conservation Policy and Plan

2023:

Climate Action Plan

Universal LED Street Light Conversion – Residential

Universal LED Street Light Conversion – Cobra

Shaw Centre – LED Concourse Lighting Upgrade

SASCU Centre – LED Racquet Court Lighting Upgrade

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

Format: no dollar sign, no comma, and up to two decimal places

- 0

***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.

- NA

***Question 22: What is your internal decision criteria for spending LGCAP dollars?**

- Council Budget Process: staff prioritize and recommend based on local policies, Council consideration through the annual budget process.

***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 GHG assessment guidance, the Federal climate lens guidance, or another climate lens framework.

- No

Question 24: What is the value in the Program's continuity for your community and how does it support other priority initiatives for your local government or Nation (e.g. affordability, health, economic growth/resilience, etc.)?

Optional

- This program facilitates data collection, public reporting, and projects which may otherwise not be completed. It provides an opportunity to communicate changes in policy and practices, as well as available resources to the community, and has provided direct funding for initiatives.