

LGCAP Year 2 Survey

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Introduction

Reaching net-zero emissions and adapting to a changing climate will require a whole-of-society approach. The new Local Government Climate Action Program (the Program) 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](#) and [Program Guide](#).

What is climate action?

For the purposes of this program, a climate initiative or action is one that reduces greenhouse gas (GHG) emissions 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 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, and impact reduction and early warning systems.

Information collected will:

- Highlight local government and Indigenous 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](#);
- Help inform policy development and monitor progress on achieving provincial and local climate objectives; and
- 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 GHG reporting protocols; and
- The [CDP](#) (global disclosure system).

Instructions

*Please do not provide any personal information (e.g. email, phone number) in the survey.

Survey: Word Version

A survey template (i.e. a Word version) is available on the [Local Government Climate Action Program webpage](#). The template can be used to gather information from staff across departments. Then simply cut and paste into the online version where you'll be submitting the survey.

Survey: Online Version

SimpleSurvey allows multiple users to access your survey, though two people cannot enter information at the same time.

- For other users to contribute to your survey, simply share the unique link with your team members.
- Users must select "Save and continue later" when they are done updating the survey but not ready to submit.

Required fields are indicated with a red asterisk (*). You will not be able to submit the survey and attestation form without completing these fields.

- Some fields have formatting considerations (i.e. numbers only). You will not be able to submit the survey and attestation form until all required fields are completed properly. The red text error message will indicate what is needed.

Attestation Form

The attestation form is filled in after survey questions are completed. It is the second page of the SimpleSurvey submission.

- The attestation form is where the Chief Financial Officer, or equivalent position, attest to the following:
 - That Local Government Climate Action Program funding has been, or will be, allocated to climate action.
 - That Local Government Climate Action Program funds held in reserve will be spent by March 31, 2025.
 - That a completed and signed version of this form and survey contents will be publicly posted by September 30, 2023.

Requirements

1. Reporting

- Report on at least one or more project(s) linked to an objective from the [CleanBC Roadmap to 2030](#) and/or [Climate Preparedness and Adaptation Strategy](#) in Questions 10-13. Only one initiative related to buildings is required to meet this requirement.
- Attest that funds will be allocated to climate initiatives before submitting your survey; and
- For communities with populations of 15,000+, measuring and reporting local government or Nation's corporate emissions is required.

Optional open-ended questions asking for one or more initiatives related to climate action may be highlighted in the LGCAP Year 2 Summary Report or other Program materials to acknowledge innovative local climate solutions.

2. Deadline to submit the survey & attestation form

- The deadline for submitting your survey and attestation form is 4 PM PDT on July 31, 2023.

3. Posting the survey & attestation form publicly

- The design / format of the form can be changed however all information from required questions must be included.
- Optional questions and answers can be omitted.
- The deadline to post the survey and attestation form publicly is September 30, 2023.

Download a copy for your records!

Once submitted, you can download a copy of the completed survey and attestation form (PDF, Excel, and Word options). If you close this window before the download link appears, please reach out for a copy of your submission.

Support

If the survey is accidentally submitted, a submitted survey needs to be revised, or if you have any questions, please reach out to us at LGCAP@gov.bc.ca. We will be happy to provide assistance.

Thank you!

The LGCAP Team

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, and impact reduction and early warning systems.

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

For example: Can include staff in engineering, emergency management, sustainability, transportation, waste management, etc. If a staff member is a climate action coordinator and works 100% on climate-related issues, add 1.0. If a staff member works approximately 25% (please estimate) on climate-related issues, add 0.25. Working on climate-related issues does not need to be written into the staff member's job description to be counted here.

3.0

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

Yes

No

If yes, 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)

Standalone mitigation plan

Standalone adaptation plan

Standalone energy-related plan

Don't know

If yes, please indicate the date the plan was adopted/approved.

If you don't remember the month, you can enter "01" for January.

If yes, please include a link to the document or webpage if available.

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.
- No, we are not intending to undertake one due to lack of financial capacity.
- No, we are not intending to undertake one due to lack of expertise or technical capacity.

Question 3: Has your local government or Nation declared a climate emergency?

- Yes
- No

Question 4: Please select the top 3 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 local political support.
- Lack of provincial or federal government support or collaboration.
- Other.

Corporate Greenhouse Gas Emissions

Measuring corporate emissions is a Program requirement for all communities with a 2020 population of 15,000 and above ([see population statistics here](#)). Corporate 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:

- [Scope Summary Document](#),
- [Corporate Inventory Reporting Tool](#),
- [Becoming Carbon Neutral Guidebook](#) (Scope),
- [Carbon Neutral Workbook](#) (Scope),
- [Guidance on Including Contracted Emissions in Corporate Inventories](#),
- [Contracted Emissions Calculator](#),
- [2022 BC Best Practices Methodology for Quantifying GHG Emissions](#), and
- [Emission Factors Catalogue](#).

Question 5: For the 2022 calendar year, has your local government or Nation measured and reported associated corporate GHG emissions?

Yes

No

No, but for the past year. (Please enter most recent year completed: 2021)

If your local government or Nation measured 2022 corporate GHG emissions, please report the number of corporate GHG emissions from services delivered directly by your local government (in tonnes of carbon dioxide equivalent).

629 tCO₂e

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

306 tCO₂e

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

323 CO₂e

If your local government or Nation measured 2022 corporate GHG emissions, please report the number of corporate GHG emissions from contracted services (in tonnes of carbon dioxide equivalent).

83 tCO₂e

If your local government or Nation measured 2022 corporate GHG emissions, please report the total number of corporate GHG emissions from both directly delivered and contracted services (in tonnes of carbon dioxide equivalent).

This would be the sum of the two questions above.

712 tCO₂e

Please provide the link to the public report if available.

Optional

If not, please select all that apply.

- No, due to lack of staff and technical capacity.
- No, due to lack of financial resources.
- No, due to lack of awareness regarding which GHG accounting tools are available.
- No, corporate emissions are measured but not reported.
- Measurement is in-progress.
- Corporate inventory is not developed annually.

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

The FVRD's measurement of corporate emissions above is a rough estimate, and we will go through further refinement of the approach we use to measure these emissions in future years.

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 data can be requested by local governments that wish to measure and report their community-wide emissions for the buildings and 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 across B.C. will help CAS as we upgrade CEEI.

Question 6: For the 2022 calendar year, have community-wide GHG emissions been measured for your local government or Nation?

- Yes
- In-progress
- No

If yes, please report your community-wide transportation sector emissions in tonnes of CO₂e for 2022.

If yes, please report your community-wide buildings sector emissions in tonnes of CO₂e for 2022.

If yes, please report your community-wide solid waste sector emissions in tonnes of CO₂e for 2022.

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

- No, community GHG emissions were not reported because the 2022 Provincial Community Energy and Emissions Inventory data has not been released.
- No, community GHG emissions were not reported because the 2022 Provincial Community Energy and Emissions Inventory does not report transportation data.

No, we do not measure and report community-wide emissions data due to lack of financial capacity.

No, we do not measure and report community-wide emissions data due to lack of staff and technical capacity.

No, we do not measure and report community-wide emissions annually. (Please indicate most recent year completed: YYYY)

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 (ex. every 5 years)?

N/A

For the 2022 calendar year, did your community use raw data from the Community Energy and Emissions Inventory initiative to calculate community-wide emissions?

Yes

No

Not sure

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).

	Reduction (format: e.g., 40%)	Baseline Year (format: 2007)
2030	N/A	2007
2040	N/A	2007
2050	50%	2007

If your local government or Nation's targets don't conform to the target years noted above, please enter them here. Format e.g.: target 2035 50% baseline 2010, target 2060 70% baseline 2010...

Question 8: The Province has also committed to introducing a target of net-zero emissions by 2050. Does your local government or Nation have a net-zero or carbon-neutral emissions target?

- Yes: Net-zero (Net-zero refers to a jurisdiction achieving a balance between greenhouse gas emissions produced and removed from the atmosphere (e.g. planting trees or using carbon capture technologies))
- Yes: Carbon neutral (Carbon neutral refers to a jurisdiction achieving a state of no net carbon dioxide emissions being released into the atmosphere (e.g. Reducing emissions as far as practical and purchasing offsets or other similar mechanisms))
- No

Question 9: If data was provided by the Province, which three supporting indicators 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 "net" land area
- Commute by mode: Employed labour force by mode of commute
- Greenspace: Land area that is parks and protected greenspace
- Walk score: Proximity to services
- Proximity to transit: Persons, dwelling units and employment within walking distance of a "quality" transit stop/line
- Other
- Types of transportation: EVs, trucks, commercial vehicles, etc...

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

Lack of transportation GHG estimates has been a major barrier and challenge. There needs to be transparency as to how transport GHGs are calculated especially as it relates to pass-through traffic.

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 on course to reach net-zero emissions by 2050.

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 [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 10: Please indicate all climate initiatives your local government or Nation had in-progress or completed in the 2022 calendar year related to the buildings sector.

The [buildings and communities sectoral target](#) for the province is 59% to 64% emissions reductions by 2030.

- Zero-carbon new construction (please enter date in pop-up textbox below)
- Highest efficiency standards for new space and water heating equipment
- Topping up Provincial energy efficiency programs
- Step Code adoption
- Zero Carbon Step Code
- Zero-carbon heating requirement
- Net zero buildings commitments
- Efficiency upgrades to public buildings
- Demand-side management
- Not applicable
- Other

Please enter date effective for zero-carbon new construction requirement.

N/A

Optional: Please highlight a community project(s) that was in-progress or completed in the 2022 calendar year related to buildings.

One of the biggest emitters of GHG emissions for the FVRD is the Hope and Area Recreational Facility. This community resource provides the only ice skating facilities, pools, and fitness centres for the community. To lower emissions, the FVRD initiated a project to improve the energy efficiency of the facility by recovering waste energy from the ice making process to heat the pool facility. This is expected to reduce facility emissions by 24% (55 tCO₂e each year) and improve the resilience of the facility while improving the safety of the facility for the maintenance staff.

Question 11: Please indicate all climate initiatives your local government or Nation had in-progress or completed in the 2022 calendar year related to the transportation sector. The transportation [sectoral target](#) for the province is 27% to 32% emissions reductions by 2030.

- Demand-side management to reduce distance travelled (single-occupancy vehicle commute reduction programs, parking disincentives)
- Improving or expanding public transportation
- Mode shift targets in Official Community Plan, Regional Growth Strategy or other guiding document
- Established personal transportation target goals, and measures to reach them, in annual reports – must include target goals for vehicle kilometre reduction, mode share for active transportation and zero-emission vehicles – and report on progress
- Established commercial transportation target goals, and measures to reach them, in annual reports – must include target goals for vehicle kilometre reduction, mode share for energy efficient commercial transportation and zero-emission vehicles – report on progress
- 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
- 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
- Electric vehicle charging studies/planning

- 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
- Not applicable
- Other

Optional: Please highlight a community project(s) that was in-progress or completed in the 2022 calendar year related to transportation.

In March 2022, the Fraser Valley Express (FVX) route was extended from the Fraser Valley to connect with SkyTrain in Metro Vancouver (Lougheed Centre Station). The express route offers residents and visitors with convenient inter-regional connections via public transportation. As part of this extension, additional buses and round trips were added to the route throughout the week. Through supporting and advocating for the expansion of public transit in the region, the FVRD supports mode shifts towards transit, reducing GHG emissions, as well as both improved intra- and inter-regional connectivity. In 2022 services within the Fraser Valley had experienced the fastest ridership/revenue recovery from the COVID lows.

Question 12: Please indicate all climate initiatives your local government or Nation had in-progress or completed in the 2022 calendar year related to community-wide action.

- Complete, compact communities
- Organics diversion
- Circular economy or zero waste strategy
- Sustainable procurement policy
- Energy emission plans
- Renewable energy investments (e.g. district energy, waste heat recovery, biomass)
- Green/blue carbon sequestration

- Compliance carbon offset projects
- Voluntary carbon offset projects
- Bylaws updated to allow at least three units in all single-family zones
- Other
- Not applicable

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.

- Rezoning
- Smaller lots
- Density bonuses
- Secondary suites and laneway homes
- Infill development
- Urban containment boundaries
- Official Community Plans
- Regional Growth Strategies
- Community Development Plans

Optional: Please highlight a community project(s) that was in-progress or completed in the 2022 calendar year related to community-wide action.

RGS Update – Multiple policy areas directly related to supporting complete, compact communities.

For example: 4.1a Focus urban development within established regional growth boundaries, around existing downtown cores and transit hubs, 4.2a Concentrate growth within existing rural communities, and encourage compact, energy efficient development, 4.3d Support compact, complete resort development that provides the needs of both visitors and residents, minimizes the ecological and cultural impact on surrounding natural environment, 4.4a Work with local governments, Indigenous governments, and stakeholders to monitor and address housing affordability at a regional level, etc.

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 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 [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: Please indicate all initiatives your local government or Nation completed or had in-progress in the 2022 calendar year to adapt to and build resilience to climate impacts.

- Undertaking or completing a risk assessment or [Hazard Risk Vulnerability Assessment](#) (HRVA)
- 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 (floods, wildfire, etc.)
- Public engagement on climate risks and actions
- Providing training (adaptation and mitigation skills)
- Creation of policy/procedures to affect change (putting climate considerations into decision-making processes)
- Creating data systems to support climate action
- Utilizing natural assets/nature-based solutions
- Developing emergency/hazard response plans
- Not applicable
- Other

Optional: Please highlight one or more climate adaptation project(s) that were completed or in-progress in the 2022 calendar year to reduce risk and increase resilience.

The FVRD is proud to operate a FireSmart program. The program aims to reduce the risk and spread of forest fires in our electoral areas. Our FireSmart program has been a strong motivator for climate resilience in our communities by educating and supporting FVRD's residents to mitigate some of the risks associated with forest fires.

Question 14: Has a climate risk and vulnerability or similar assessment been undertaken for your local government or Nation?

Yes

No

If yes, please provide the link to the public assessment if available.

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.
- No, we are not intending to undertake due to lack of financial capacity.
- No, we are not intending to undertake due to lack of staff and technical capacity.
- No, we are waiting for direction from the Provincial Government before undertaking an assessment.

Question 15: What are the most significant climate hazards faced by your jurisdiction and what is the timeframe of their expected impact to your community?

For each selection, please then indicate if the timeframe of their expected impact is short, medium, long or not sure. (short [current/by 2025]; medium [2026-2050]; long [beyond 2050])

Extreme heat and heat stress (short-term)

Extreme cold, snow and ice

Water shortages (long-term)

Wildfire (short-term)

Overland flooding (short-term)

- Coastal flooding, storm surge events and/or other coastal hazards
- Wind, rain, and other storm events (short-term)
- Ecological, cultural and/or human health impacts (examples of cultural impacts include threats to identities, languages, and livelihoods; examples of ecological impacts include biodiversity loss and erosion (medium-term))
- Not applicable/no hazards
- Not sure
- Other: Air quality, access issues/isolation related to flood events

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 impacts identified in Question 15? Please select one or more of what you consider the most valuable types of information for planning.

- Local observations and/or Indigenous 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

Question 17: Based on the hazards you indicated as most significant in Question 15, which groups are most vulnerable to the impacts of climate hazards?

Low-income households

Indigenous Peoples

Racialized communities

Newcomers to Canada (immigrants and refugees)

People experiencing homelessness

Seniors

Women and girls

Persons with disabilities

LGBTQIA2S+: Lesbian, Gay, Bisexual, Transgender, Queer or Questioning, Intersex, Asexual, Two-Spirit, and additional sexual orientations and gender identities

Not sure

Other

Question 18: Of the hazards identified in Question 15, please specify the associated adaptation measures completed or in-progress in the 2022 calendar year, if any.

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

Hazard	Adaptation measure
Extreme heat and heat stress	
Extreme cold, snow and ice	
Water shortages	
Wildfire	FireSmart program, Air Quality advisory program
Overland flooding	Emergency planning
Coastal flooding, storm surge events and/or other coastal hazards	
Wind, rain, and other storm events	Emergency planning

Ecological impacts	Continued partnership with the Fraser Valley Watershed Coalition for habitat restoration
Human health impacts	Education and awareness Air quality monitoring and planning in the Air Quality Management Plan
Cultural impacts	
Other	

Equity

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 community 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/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.
- 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 2022 calendar year that promotes equity and inclusion.

The FVRD undertakes the Point-in-Time Count and Survey of individuals experiencing homelessness every 3 years, which helps to identify vulnerable populations.

LGCAP Year 1 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: What did/will your local government or Nation spend its LGCAP funding on for year one of the Program (2022)? Please select all that apply and indicate the dollar value associated with each initiative.

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.

- Staffing
- Climate study
- Energy study
- Asset management
- Risk and vulnerability assessment
- Emergency response planning
- Vulnerability and risk reduction strategy
- Climate finance planning
- Climate engagement
- Resilient infrastructure
- Green infrastructure
- Natural assets evaluation and accounting
- Buildings initiatives (\$113,082)
- Transportation initiatives
- Community-wide initiatives

- Put in reserve for future project
- Corporate emissions inventory measurement and reporting
- Leveraging funds from other sources/ grant stacking
- Other

Resilient Infrastructure - Please select from the list.

- Buildings
- Transportation
- Municipal infrastructure (wastewater treatment facilities, etc.)
- Energy systems

Green Infrastructure - Please select from the list.

- Parks & other green space(s)
- Community forest(s)
- Community food systems
- Green streets/alleys/corridors
- Green roof(s) or wall(s)
- Permeable surfaces or substrates
- Storm water management
- Wetlands

Buildings - Please select from the list.

- Zero-carbon new construction requirement
- Highest efficiency standards for new space and water heating equipment
- Enhancing energy efficiency programs
- Step code adoption

- Carbon pollution standard
- Zero-carbon heating requirement
- Net zero buildings commitments
- Efficiency upgrades to public buildings

Transportation - Please select from the list.

- Demand-side management to reduce distance travelled (single-occupancy vehicle commute reduction programs, parking disincentives)
- Encouraging “mode shifting” to more energy efficient forms of transport
- Mode shift targets in Official Community Plan, Regional Growth Strategy or other guiding document
- Zero Emission Vehicles fleet adoption
- Active transportation plan or investments
- Transit/pedestrian-oriented development regulation, multi-modal networks
- Electric Vehicle charging infrastructure plans or number of public installations

Community-Wide - Please select from the list.

- Public awareness and education campaign
- Organics diversion
- Renewable energy project
- Developing or updating Official Community Plan or Regional Growth Strategy
- Circular economy or zero waste strategy
- Sustainable procurement policy
- Community Energy and Emissions Plan
- Green/blue carbon sequestration
- Carbon offset projects
- Complete, compact communities (infill development, rezoning, etc.)

Renewable Energy - What is the installed capacity (MW)?

Reserve funding - How will funds be allocated?

Please indicate the project(s) funds have been allocated to: **Hope Rec Heat Recovery Project**

No decision has been made.

Optional: Please highlight the initiative(s) your local government or Nation's LGCAP year one funding will support.

One of the biggest emitters of GHG emissions for the FVRD is the Hope and Area Recreational Facility. This community resource provides the only ice skating facilities, pools, and fitness centres for the community. To lower emissions, the FVRD initiated a project to improve the energy efficiency of the facility by recovering waste energy from the ice making process to heat the pool facility. This is expected to reduce facility emissions by 24% (55 tCO₂e per year) and improve the resilience of the facility while improving the safety of the facility for the maintenance staff.

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

Format: no dollar sign and up to two decimal places

4,900,000.00

Question 22: Please estimate the total investment in climate mitigation your local government or Nation made in 2022, including from sources beyond your LGCAP funds. For guidance, this includes (but is not limited to): integrating climate change mitigation (i.e. GHG reduction) 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.

Format: no dollar sign and up to two decimals. If no estimate is possible, please provide 0 as an answer.

400,000.00

Question 23: If estimated and available, what are the expected emissions reductions from these investments?

Format: in tonnes CO₂e

55 tCO₂e/year

Question 24: Please estimate the total investment in climate adaptation and resilience your local government or Nation made in 2022, including from sources beyond your LGCAP funds.

For guidance, this includes all actions that strengthen resilience and the ability to adapt to climate-induced impacts. Examples include (but are not limited to): addressing climate-related hazards; integrating adaptation 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 adaptation, and impact reduction and early warning systems.

Format: no dollar sign and two decimal places

If no estimate is possible, please provide 0 as an answer.

0

Question 25: Does your community 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.

Yes

No

Question 26: What is the value in the Program's continuity for your community?

Optional

Note on posting the survey publicly:

- Optional questions and responses such as this one can be omitted.
- The Province will use the information for internal purposes only.
- When posting the survey publicly, the design / format of the form can be changed.
- All information from required questions must be included.

The FVRD recognizes the importance of addressing climate change and appreciate efforts made by LGCAP. A consistent source of funding from the program will support our climate change work and provide additional resources the FVRD can benefit from as we begin to develop our Climate Change Plan. The program's continuity will enable the FVRD to strengthen collaboration with municipalities and these connections allow us to pool expertise to tackle climate challenges collectively at a regional level.

Local Government Climate Action Program Attestation Form

Instructions for the Attestor (CFO or equivalent staff person):

Complete and sign this form by filling in the fields below.

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

- That Local Government Climate Action Program funding has been, or will be, allocated to climate action.
- That Local Government Climate Action Program funds held in reserve will be spent by March 31, 2025.
- That a completed and signed version of this form and survey contents will be publicly posted by September 30, 2023.

Attested by (first name, last name)

Kelly Lownsbrough

Professional title

Director of Corporate Services & CFO

Local government or Modern Treaty Nation

Fraser Valley Regional District

Date

July 26, 2023

Attestor signature