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LGCAP 2024

Introduction

Reaching [net-zero emissions](#) and adapting to a changing climate will require a whole-of-society approach. 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 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 (formerly [Carbon Disclosure Project](#), a global non-financial 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.

There is a 9,999 character limit for the open-ended questions.

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, attests 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 for years 1 and 2 received in 2022 and 2023 will be spent by March 31, 2025.
 - That Local Government Climate Action Program funds for years 3-5 received in 2024 will be spent by March 31, 2028.
 - That a completed and signed version of this form and survey contents will be publicly posted by September 30, 2024.

Requirements

1. Reporting

1. Report on **at least one** project linked to objectives from the [CleanBC Roadmap to 2030](#) and/or [Climate Preparedness and Adaptation Strategy](#). If your community reports one initiative related to one sector (e.g. buildings) you have satisfied this requirement. Funding for the project(s) does **not** need to come from this program.
 2. For communities with populations of 10,000+ (based on 2020 BC Census data figures), measuring and reporting local government's traditional services emissions is required.
 3. Attest that funds will be allocated to climate initiatives before submitting your survey.
- Open-ended questions asking for one or more initiatives related to climate action may be highlighted in Provincial materials to acknowledge innovative local climate solutions. A template to submit climate action success stories for publication can be found on the [Local Government Climate Action Program webpage](#).

2. Deadline to submit the survey & attestation form

- The deadline for submitting your survey and attestation form is 4 PM PDT on July 31, 2024.

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, 2024.

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

If a staff member is a climate action coordinator and works 100% on climate-related issues, add 1.0.

7

Question 1 b): How many staff in full time equivalents (FTEs) are dedicated to working on climate action in other departments such as transportation or engineering?

For example: Can include staff in engineering, emergency management, transportation, waste management, etc. related to climate work but whose primary role is not working on climate action. 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.

20

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

Yes

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

In the textbox, indicate the date the plan was adopted/approved in format YYYY-MM. If you don't remember the month, you can enter "01" for January.

Integrated climate plan (addressing mitigation, adaptation and/or energy use)
2020-01

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

www.saanich.ca/climateplan

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

Yes

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

In the textbox, indicate the date the plan was adopted/approved in format YYYY-MM. If you don't remember the month, you can enter "01" for January.

Integrated climate plan (addressing mitigation, adaptation and/or energy use)
2020-01

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

www.saanich.ca/climateplan

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

Yes

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

Lack of financial resources.
Lack of provincial or federal government support or collaboration.
Competing priorities.

Optional: Is local political support a challenge your local government faces that is impeding climate action?

No

Traditional Services Greenhouse Gas Emissions

Measuring 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 ([see population statistics here](#)). 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 2023 calendar year, has your local government or Nation measured and reported associated traditional services GHG emissions?

Yes

If your local government or Nation measured 2023 traditional services GHG emissions, please report the GHG emissions from services delivered directly by your local government (in tonnes of carbon dioxide equivalent) from scope 1 and 2 sources.

4023

If your local government or Nation measured 2023 traditional services GHG emissions, please report the GHG emissions from contracted services (in tonnes of carbon dioxide equivalent) from scope 1 and scope 2 sources.

293

If your local government or Nation measured 2023 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.

4316

If your local government or Nation measured 2023 traditional services GHG emissions, please report what protocol you used to measure emissions.

Traditional Services GHG emissions were measured following provincial guidance. However, Police and select buildings that Saanich operates were incorporated into the scope of reporting. Saanich follows guidance from: LGCAP Traditional Services Boundaries and Scope Guidance (<https://www2.gov.bc.ca/assets/download/8AA1D42F29B6446092C522A839B66E9B>).

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

1870

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

2446

Please provide the link to the public report if available.

Optional

https://www.saanich.ca/assets/Community/Documents/Planning/sustainability/Climate-report-card_31Jan2024.pdf; Page 20 - https://www.saanich.ca/assets/Local~Government/Documents/2024%20Financial%20Plan%20Adopted_Updated.pdf

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).

Capital projects, police, sequestration lost due to land use changes/deforestation, embodied emissions, and consumption-based emissions should all be included in the future.

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 2023 calendar year, have community-wide GHG emissions been measured for your local government or Nation?

In-progress

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

Global Protocol for Community-Scale Greenhouse Gas Emissions Inventories (GPC).

When was the last year your community or Nation reported its community-wide emissions and what is the interval for reporting (ex. 2022, every 5 years)?

2022, every year

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

236000

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

208000

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

15000

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.

2030

Reduction Percentage (format: e.g., 40)

50

Baseline Year (format: e.g., 2007)

2007

2040

Reduction Percentage (format: e.g., 40)

0

Baseline Year (format: e.g., 2007)

0

2050

Reduction Percentage (format: e.g., 40)

100

Baseline Year (format: e.g., 2007)

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, ...

Also, a 100% renewable energy target by 2050

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

Please select all that apply.

Yes: Community-wide net-zero target (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))

Yes: Corporate net-zero target (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))

Question 9: Please select up to three supporting indicators that would be most valuable to your local government or Nation to advance climate action (these indicators were previously reported through the Community Energy and Emissions Inventory initiative).

Greenspace: Land area that is parks and protected greenspace

Proximity to transit: Persons, dwelling units and employment within walking distance of a "quality" transit stop/line

Other

Vehicle kilometers travelled by fuel type, vehicle type, and class and location of registration. Divide the reporting on building energy use in Institutional/commercial so that MURBs are reported separately. Calculate our 15-minute city metric.

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.

Question 10: Please indicate all climate initiatives your local government or Nation had in-progress, ongoing or completed in the 2023 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.
BC Energy Step Code adoption (Step 3 or higher).
Zero Carbon Step Code adoption.
Efficiency upgrades/retrofits.
Other.
Fire Hall 2 will be net zero carbon, working towards LEED Gold and Energy Step Code level 2, and will be constructed of mass timber. Biomass boiler at Olympic-sized swimming pool and recreation complex (Saanich Commonwealth Place) commissioned in 2023.

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

Optional

As of May 1, 2023, Part 3 mid-rise/wood-frame residential buildings (6 storeys or under) must meet Step 3, and Part 3 high-rise/concrete residential buildings (over 6-storeys) and commercial buildings must meet Step 2.

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

Optional

As of May 1, 2023, all new Part 9 buildings must demonstrate compliance with Step 3.

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

Optional

As of November 1, 2023, all new Part 9 buildings must demonstrate compliance with Emissions Level 4.

Community-wide buildings policies, programs and actions.

Topping up Provincial energy efficiency incentive programs.
Highest efficiency standards for new space and water heating equipment.
BC Energy Step Code adoption (Step 3 or higher).
Zero Carbon Step Code adoption.
Other.
Municipal Financing Programs (PACE), retrofit assistance service, communications campaigns about heat pumps. Opted in to allowing tall Mass Timber buildings. Climate Action Tax Exemption Program for MURBs and commercial buildings. District 2030 energy benchmarking for building owners and retrofits.

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

Optional

As of May 1, 2023, Part 3 mid-rise/wood-frame residential buildings (6 storeys or under) must meet Step 3, and Part 3 high-rise/concrete residential buildings (over 6-storeys) and commercial buildings must meet Step 2.

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

Optional

As of May 1, 2023, all new Part 9 buildings must demonstrate compliance with Step 3.

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

Optional

Part 3 Multi-unit Residential Buildings containing 6 storeys or fewer of residential occupancy must be designed and constructed to meet or exceed GHG Emission Level 4 (EL4; Zero Carbon) by July 1, 2024, and all Part 3 buildings must meet or exceed EL4 by November 1, 2024.

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

Optional

As of November 1, 2023, all new Part 9 buildings must demonstrate compliance with Emissions Level 4.

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

Saanich's Climate Action Tax Exemption (CATE) Program was launched providing rental apartments, stratas, and commercial buildings with tax exemptions to support fuel switching and energy efficient upgrades/retrofits. This program is the first of its kind in British Columbia.

Question 11: Please indicate all climate initiatives your local government or Nation had in-progress, ongoing or completed in the 2023 calendar year related to the transportation sector. This should not be limited to what your LGCAP funding supported.

Corporate

Community

Corporate transportation policies, programs and actions.

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.

Other.

Zero Emission Fleet Strategy underway (expected to be complete in fall 2024), E-bike fleet program expansion, Climate Friendly Commuter Program Strategy development, Go By Bike Week encouragement, etc.

Community-wide transportation policies, programs and actions.

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 Plan, Regional Growth Strategy 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.

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.

Installation of public secure bike parking (i.e. bike valet).

Neighbourhood or community-wide speed limit reductions.

Electric vehicle charging studies/planning.

Mandatory EV infrastructure in new construction.

Established electric vehicle charging ready bylaws.

Electric vehicle charging infrastructure investments.

Other.

Updated OCP developed that includes hierarchy of transportation modes and 15-minute city direction, EV MURB top up incentives, E-bike Incentive Program, Road Safety Action Plan, Updated Active Transportation Plan.

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

The Speed Limit Establishment Policy was approved by Council in July 2022. Speed limits have since been reduced on 9 priority corridors throughout the District. In December 2023, Council approved further speed limit reductions on 50 km of Major, Collector, and Local roads.

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 LGCAP funding supported.

Corporate

Community

Corporate climate policies, programs and actions

Sustainable procurement policy.

Renewable energy investments (e.g. district energy, waste heat recovery, biomass).

Other.

Greener by default food procurement pilot to choose lower carbon meals for the district.

Community-wide climate 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)

Other

One Planet Saanich community programs, Neighbour to Neighbour Resilience Initiative and grants, top-up to the BCSEA Cool-It Climate Leaders program (managed by the CRD), school engagement.

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

Secondary suites and laneway homes

Infill development

Urban containment boundaries

Official Community Plans

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. Please enter NA if your community reported no community-wide or corporate initiatives ongoing, completed or in-progress for 2023.

Saanich OCP update emphasizes the importance of building complete communities with access to a diverse range of housing types and tenure, employment options, shops, services, community amenities, and public open spaces (see Section 7.0). As part of the 2023 update, Saanich incorporated the 15-minute community concept into its planning approach which builds on the complete community approach in the 2008 version (Section 7.0, Objective F and Strategic Land Use Directions). An important element in the development of complete communities is to provide mobility options that support walking, cycling and transit, and foster healthy lifestyles and safe neighbourhoods (Policy 9.1.3). <https://www.saanich.ca/assets/Community/Documents/Planning/Strategic~OCP~Update/OCP-final-edits-2024%20Feb-v2.11-web.pdf>

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: Please indicate all initiatives your local government or Nation had completed, ongoing or in-progress in the 2023 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 risk assessment 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.).
Creation of policy/procedures to affect 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.

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.
Hydroclimatological data collection.
Monitoring climate risks or impacts (floods, wildfire, etc.).
Public engagement on climate risks and actions.
Providing training (adaptation and mitigation skills).
Creation of policy/procedures to affect change (climate considerations into decision-making processes).
Utilizing natural assets/nature-based solutions.
Developing emergency/hazard response plans.
Other.
Neighbour to Neighbour Resilience Initiative and grants.

Please highlight one or more climate adaptation project(s) that were completed, ongoing or in-progress in the 2023 calendar year to reduce risk and increase resilience. Please enter NA if your community reported no community-wide or corporate initiatives ongoing, completed or in-progress for 2023. 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.

Saanich collaborated with the CRD on an extreme heat vulnerability mapping project (<https://heat.prepareyourself.ca/>) for the region, which was released in early 2024 and can be used to inform emergency response, future policy, and program development.

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 link to the public assessment if available.

Yes at the community level

https://www.saanich.ca/assets/Community/Documents/Planning/sustainability/ResilientSaanich_RiskAssessmentReport.pdf

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

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

For each selection, please 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

current/short

Water shortages

short

Wildfire smoke

current/short

Overland flooding

medium

Coastal flooding, storm surge events and/or other coastal hazards

medium to long

Wind, rain, and other storm events

current/short

Ecological impacts (examples of ecological impacts include biodiversity loss and erosion)

current/short

Human health impacts

current

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.

Assessment of community vulnerabilities

Adaptation planning information

Technical expertise to implement solutions

Information on partnership opportunities

Other

While we can identify necessary actions and analyze options, the key issue is funding. Grants are oversubscribed, resource-intensive, and favor proactive over reactive actions, with limited support for green infrastructure. Identifying and recognizing the cost of inaction in British Columbia is crucial. Additionally, there is a need for strong provincial legislation to protect trees, ecosystems, and land.

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

Tree Canopy Cover, Permeability/Effective Permeable Surface Area, # Buildings with active cooling, ecosystem health/biodiversity, air quality, % of land actively farmed, Ha and % of ALR are key metrics in our climate plan to be further developed/increased during the Climate Plan update commencing in 2024. Provincial guidance/standard methodologies and also requirements for climate resiliency indicators would be extremely valuable e.g. the development of the UK Biodiversity Net Gain legislation and methodology Biodiversity net gain - GOV.UK (www.gov.uk).

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

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
People living alone/isolated
Not sure
Other
Socially isolated people, people with existing chronic illnesses.

Question 18: Of the hazards and impacts identified in Question 15, please specify the associated adaptation measures completed or in-progress in the 2023 calendar year, if any.

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

Extreme heat and heat stress

Adaptation measure

Heat pumps, education about extreme heat, working with vulnerable groups to understand needs

Wildfire smoke

Adaptation measure

Indoor air quality study currently underway to better understand risks

Overland flooding

Adaptation measure

IDF curve updates, Integrated Stormwater Management Plans

Coastal flooding, storm surge events and/or other coastal hazards

Adaptation measure

Based on sea level rise and inundation mapping that is being updated, no adaptive measures yet

Ecological impacts

Adaptation measure

Biodiversity Conservation Strategy, updated Urban Forest Strategy, Natural Asset Inventory/valuation

Human health impacts

Adaptation measure

Heat Pumps, education about extreme heat

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 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/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 2023 calendar year that promotes equity and inclusion.

The Saanich Diversity, Equity and Inclusion (DEI) strategy was adopted in 2023 and will be used to inform climate plan work going forward. The Climate Action Tax Exemption program was launched and is aimed to fill a gap in building retrofits, including for multi-unit residential buildings. In 2023, the Province provided an e-bike incentive program following the earlier Saanich model with larger incentives for lower income residents. The updated Active Transportation Plan and Road Safety Action Plan have also included equity analysis in their design in 2023 and equity is a key consideration in all planning projects regarding access to public engagement as well as populations served.

LGCAP Year 2 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 two of the Program (2023)? Please select all that apply and indicate the total dollar value associated with each initiative. For LGCAP 2023 funding, The Corporation of the District of Saanich received 375082. Please ensure the amount(s) entered for Question 20 equal this amount in total.

Corporate
Community

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.

Transportation initiatives

Other

4856.17, staff climate training and courses

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 infrastructure investments.

42351.40

Community 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 engagement
71896.82

Buildings initiatives

Transportation initiatives

Community-wide initiatives

Topping up programs/incentives
53946.26

Other

87114.48, additional GHG/ecofootprint inventories, consultancy support for BC Utilities Commission proceedings

Community-wide 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.

53040.55, Commercial & Market Rental Building Retrofit Program implementation, Building retrofit strategy modelling and data analysis, 2030 District, Building Benchmark BC

Community-wide 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.
4649.45

Community-wide climate 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.

Circular economy or zero waste strategy
57226.87

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

Transportation (e-bike top-ups, CleanBC Go Electric Rebate top-ups, community and fleet EV charging infrastructure); Buildings (Commercial & Market Rental Building Retrofit Program implementation, Building retrofit strategy modelling and data analysis, 2030 District, Building Benchmark BC, corporate building upgrades); Climate engagement (communications and engagement programs and campaigns, including One Planet Saanich and school programs such as BCSEA CoolIt Climate Champions), GHG and ecofootprint inventories; zero waste work; updated Development Permit Design Guidelines and bylaws to support sustainable design; consultancy support for BC Utilities Commission proceedings; and general climate training.

Question 21 a): 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

5811600

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.

We have leveraged considerable grant funding for climate projects due to LGCAP funding. Since we used the LGCAP funding for community climate projects, it freed up funding from the Carbon Fund which was utilized for Corporate climate projects. The Corporate climate projects leveraged more funding than the community projects, however, these projects would not have been possible without the LGCAP funding. Therefore, we have included the funds leveraged for our Corporate climate projects. Community projects that leveraged additional funding include a grant from BC Hydro for the strata energy advisor program, Federation of Canadian Municipalities (FCM) grant for Saanich's municipal financing program, BC Hydro for Building Retrofit Strategy data inputs and updating oil inventory, and an FCM grant for Saanich's e-bike incentive program. Corporate projects that leveraged additional funding include a BC Hydro grant for the Zero Emission Fleet Strategy, a Natural Resources Canada (NRCAN) grant for fleet EV chargers, an Infrastructure Canada Green and Inclusive Community Buildings Program (GICB) grant for upgrades at the Cedar Hill Recreation Centre, and funding from the CleanBC Communities Fund for G.R. Pearkes Recreation Centre heat recovery and mechanical upgrade. Grant applications and decisions are often multiple years in the making so we have several climate projects that are being implemented or constructed in the 2023 year that have been supported by previous years' LGCAP funding and have attracted considerable external grant funding (that may have been approved in a previous year), e.g., Infrastructure Canada. Please note that all LGCAP funds go into a Climate Action Reserve Fund, this is how Saanich manages our internal budget and it enables us to spend funds over multiple years. This reserve fund is supplemented by committed annual funding from tax base (previously called the Saanich Carbon Fund), and external grants. Projects are then funded through this 'Climate Action Reserve Fund' (CARF).

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

All of our project/program planning is based on achieving the actions outlined in our Climate Plan. For each year, the Sustainability Team completes a work planning exercise that is informed by the latest Climate Plan Report Card and is often done collaboratively with the CRD and the City of Victoria to identify projects that are underway or to be started to work towards achieving our goals. We then refer to our budget, which includes funds from LGCAP and our internal Climate Action Reserve Fund and allocate funds to our ongoing and future projects. We identify grant opportunities during this process and allocate time and resources to apply. We then present additional budget requests to Council for staff and projects that are unable to be covered with the funding available and prioritize projects that we have identified as 'higher impact'.

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?

Optional

LGCAP is extremely valuable/critical to have dedicated, consistent, annual funding for mitigation and adaptation to enable many projects and leverage external funding otherwise unattainable. Note that the dollar amounts above only relate to Sustainability Division work. There is a considerable amount of Saanich's annual budget that is spent on climate action, e.g., entire transportation capital budget is on active transportation, asset management work by Parks, integrated stormwater management work done by the Water Resources Division, etc. A note on Question 1 b): The Sustainability Division develops and updates our Climate Plan, monitors progress, identifies actions, and secures funding in partnership with all departments. Successful implementation requires embedding climate considerations throughout the organization. Therefore, we cannot provide a specific answer as climate plan delivery is a collective effort. For instance, transportation is our largest GHG source, and accelerating our Active Transportation Plan is crucial. Multiple staff and divisions are dedicated to this, along with stormwater management, parks, and facilities operations teams collaborating on building upgrades and EV infrastructure.

Please note on posting the survey publicly:

- All information from required questions must be included.
- Optional questions and responses 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.

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:

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 3-5 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 (first name, last name)

Paul Arslan

Professional title

Director of Finance

Local government or Modern Treaty Nation

District of Saanich

Date

2024-07-26

Attestor signature

Please note: We did hear feedback to allow for file upload e-signatures and have looked into this. Unfortunately, uploaded files do not appear on the final report. If you require a redo for the digitally-drawn signature, please click the trash can. If that doesn't work, please submit your survey then contact us at LGCAP@gov.bc.ca.

Signature captured



2024-07-26 11:20:00 Pacific Daylight Time