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LGCAP Year 2 Survey

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 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](#) 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 Indigenous and local government climate leadership;
- Profile action by including Modern Treaty Nation and local government 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 Modern Treaty Nations, local governments, 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

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 Nation 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. Attest that funds will be allocated to climate initiatives before submitting your survey.
 3. 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.
- Please reach out to us at LGCAP@gov.bc.ca if an extension is required.

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.

0.5

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

No

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

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 Nation declared a climate emergency?

No

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

Lack of staff capacity or expertise.

Lack of financial resources.

Lack of data or information.

Government Greenhouse Gas Emissions

Measuring emissions that result from a provision of government services is a Program requirement for all communities with a 2020 population of 15,000 and above. For reporting purposes, GHG emissions are those produced by the delivery of Modern Treaty Nation “traditional services” including:

- Fire protection,
- Solid waste management,
- Recreational / cultural services,
- Road and traffic operations,
- Water and wastewater management, and
- 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),
- [Contracted Services Emissions Guidance](#),
- [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 Nation measured and reported associated government GHG emissions?

No

If not, please select all that apply.

No, due to lack of staff and technical capacity.

No, due to lack of financial resources.

Community-Wide Greenhouse Gas Emissions

The Climate Action Secretariat (CAS) is aware that some Modern Treaty Nations are developing

their own community-wide GHG emissions inventories. A better understanding of community-wide emissions measurement across B.C. will help track progress over time.

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

No

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

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.

If not, has your 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 Nation's target(s).

2030

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

40

Baseline Year (format: 2007)

2007

2040

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

60

Baseline Year (format: 2007)

2007

2050

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

80

Baseline Year (format: 2007)

2007

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

No

Question 9: If data was provided by the Province, which three supporting indicators would be most valuable to your 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

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 a minimum of one project** linked to objectives from the [CleanBC Roadmap to 2030](#) and/or [Climate Preparedness and Adaptation Strategy](#) (CPAS). Funding for the project(s) does **not** need to come from this program. For questions 10-12, if your Nation 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 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.

Highest efficiency standards for new space and water heating equipment

Step Code adoption

Efficiency upgrades to public buildings

Question 11: Please indicate all climate initiatives your 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.

Not applicable

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

Green/blue carbon sequestration

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, 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 Nation completed or had in-progress in the 2022 calendar year to adapt to and build resilience to climate impacts.

Addressing current and future climate risks through plans, adaptation measure implementation, programs, service delivery, asset management and/or other functions.

Hydro climatological data collection

Utilizing natural assets/nature-based solutions

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.

Eelgrass meadow restoration project helps mitigate coastal erosion, dampen storm surge impacts, and protects ancient carbon stores in sediments

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

No

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

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.

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

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

medium

Wildfire

medium

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

medium

Wind, rain, and other storm events

medium

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

medium

Cultural impacts (examples of cultural impacts include threats to identities, languages, and livelihoods)

medium

Human health impacts

medium

Question 16: What information do you need to know to be able to plan effectively for the future of your Nation 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.

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/rightsholder engagement and support
Information on partnership opportunities
Examples of actions taken by other jurisdictions

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
People experiencing homelessness
Elders/seniors
Women and girls
Persons with disabilities

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.

Coastal flooding, storm surge events and/or other coastal hazards
Adaptation measure
Eelgrass meadow restoration

Ecological impacts
Adaptation measure
Eelgrass meadow restoration

Cultural impacts
Adaptation measure
Eelgrass meadow restoration

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 Nation ensure equitable access to and distribution of climate action opportunities and benefits?

Please select all that apply.

There are no specific measures in place to ensure equitable access to and distribution of opportunities and benefits.

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 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 Nation spend its LGCAP funding on for year one of the Program (2022)? Please select all that apply and indicate the total dollar value associated with each initiative (including funding from all sources).

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

3000

Natural assets evaluation and accounting

3500

Put in reserve for future project

32082

Other

5500

Reserve funding - How will funds be allocated?

Please indicate the project(s) funds have been allocated to.

Transplanting and carbon sediment sampling/analysis

Question 21: How much additional funding for climate action was your Nation 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

0

Question 22: Please estimate the total investment in climate mitigation your 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.

0

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

Format: in tonnes CO2e

0

Question 24: Please estimate the total investment in climate adaptation and resilience your 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 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 26: What is the value in the Program's continuity for your Nation?

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.

Allows for KCFN to complete the project in its entirety, provide opportunity for community involvement in the project implementation, increase capacity of KCFN and demonstrate abilities of KCFN for future funding opportunities

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 held in reserve will be spent by March 31, 2025.
3. 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)

Jeff Nielson

Professional title

Director of Lands and Resources

Modern Treaty Nation

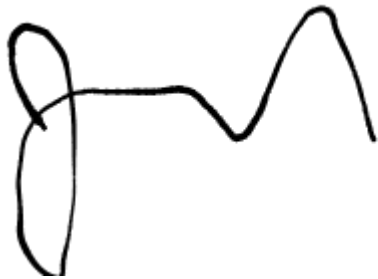
Ka:'yu:'k't'h'/Che:k'tles7et'h' First Nations

Date

2023-07-25

Attestor signature

Signature captured

A handwritten signature in black ink, appearing to be 'J. Nielson', written on a white background.