

LGCAP 2024

The Survey

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.

2.5

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.

3

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

Yes

No

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)

Integrated climate plan (addressing mitigation and adaptation)

2023-11

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

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

<https://www.rdn.bc.ca/sites/default/files/inline-files/CATAC%20Final%20Report%20%281%29.pdf>

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

Yes

No

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

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)

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

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

<https://www.rdn.bc.ca/sites/default/files/inline-files/Attachment%201%20-%20RDN%20Corporate%20Carbon%20Neutral%202032%20Plan.pdf>

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 up to 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 provincial or federal government support or collaboration.

Competing priorities.

Other.

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

Yes

No

Question 5: For the 2023 calendar year, has your local government or Nation measured and reported associated traditional services GHG emissions?*

Yes

No

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

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.*

1419

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.*

642

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.

2061

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

Provincial guidelines

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

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

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, traditional services emissions are measured but not reported.
- Measurement is in-progress.
- Traditional services inventory is not developed annually.

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).

Question 6: For the 2023 calendar year, have community-wide GHG emissions been measured for your local government or Nation?*

Yes

In-progress

No

Please report your community-wide transportation sector emissions in tonnes of CO2e for 2023.*

917964

Please report your community-wide buildings sector emissions in tonnes of CO2e for 2023.*

218817

Please report your community-wide solid waste sector emissions in tonnes of CO2e for 2023.*

53826

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

- Global Protocol for Community-Scale Greenhouse Gas Emissions Inventories (GPC).
- GCoM Common Reporting Framework (CRF).
- 2006 IPCC Guidelines for National Greenhouse Gas Inventories.

- U.S. Community Protocol for Accounting and Reporting of Greenhouse Gas Emissions (ICLEI USA).
- Regional specific methodology (CEEI).
- Jurisdiction specific methodology.
- Other.

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).
- GCoM Common Reporting Framework (CRF).
- 2006 IPCC Guidelines for National Greenhouse Gas Inventories.
- U.S. Community Protocol for Accounting and Reporting of Greenhouse Gas Emissions (ICLEI USA).
- Regional specific methodology (CEEI).
- Jurisdiction specific methodology.
- Other.

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

- No, community GHG emissions were not reported because the 2023 Provincial Community Energy and Emissions Inventory data has not been released.
- No, we do not measure and report community-wide emissions data due to lack of 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. 2022, every 5 years)?*

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

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

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

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

- Global Protocol for Community-Scale Greenhouse Gas Emissions Inventories (GPC).
- GCoM Common Reporting Framework (CRF).
- 2006 IPCC Guidelines for National Greenhouse Gas Inventories.
- U.S. Community Protocol for Accounting and Reporting of Greenhouse Gas Emissions (ICLEI USA).
- Regional specific methodology (CEEI).
- Jurisdiction specific methodology.
- Other.

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)?*

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

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

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

For the 2023 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).*
Please enter "0" if no targets or baseline are established for the years given in the table.

	Reduction Percentage (format: e.g., 40)	Baseline Year (format: e.g., 2007)
2030	40	2007
2040		
2050	0	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, ...
"0 in 2050 refers to 'Net Zero' 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 carbon neutrality (Carbon neutral refers to an organization reducing emissions as much as practicable and then offsetting the remainder by purchasing offsets or other similar mechanisms)
- 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))
- No

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

- 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

energy efficiency ratings of buildings number of retrofits completed each year updated flood plain maps expanded groundwater well monitoring network and associated data fire hazard maps for non-public lands

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

Given the reporting timelines of LGCAP and CDP it would be great to ensure CEEI and vehicle data verification is expedited so that it is available for local governments to complete reporting. We use the raw data and try to adjust but it would make more sense if the processed data were available.

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
- Not applicable

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.
- Requirement to use mass timber in buildings construction.
- Requirement to measure embodied carbon.
- Other.

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

Optional

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

Optional

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

Optional

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

Optional

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.
- Requirement to use mass timber in buildings construction.
- Requirement to measure embodied carbon.
- Other.

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

Optional

Step 2 (as per BC Building Code)

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

Optional

Step 3 (as per BC Building Code)

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

Optional

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

Optional

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

Optional

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

Optional

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.*

The Regional District of Nanaimo initiated a pilot implementation of a retrofit concierge program - the Home Energy Navigator to provide 'soft' supports to residents interested in undertaking home retrofits that reduce emissions and save energy. The initial pilot offering was very quickly subscribed and additional funds were added prior to the end of the year. This program was supported by educational workshops for residents on draft-proofing, climate-friendly home renovations, and climate-adaptive new builds. The RDN also worked concurrently on a study examining the feasibility of offering a Community Efficiency Financing program to help residents overcome financial barriers to home retrofits.

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
- Not applicable

Corporate transportation policies, programs and actions.*

- Programs to increase high-occupancy (2 or more people) vehicle trips (i.e. carpooling).
- Established personal (passenger) transportation target goals, and measures to reach them, in annual reports – may include target goals for vehicle kilometre reduction, mode share for active transportation and zero-emission vehicles.
- Established commercial transportation target goals, and measures to reach them, in annual reports – may include target goals for vehicle kilometre reduction, mode share for energy efficient commercial transportation and zero-emission vehicles.
- Implemented zero-emission vehicle first procurement policy for all local government on and off-road vehicles purchases.
- Implemented a zero-emission vehicle preference or requirement for contracted work from a service provider.
- Active transportation infrastructure investments.
- Active transportation education and encouragement programs.
- Expanded micromobility access, bylaws and/or infrastructure (e.g. introduced or expanded bike/e-bike/e-scooter sharing programs, built new bike/scooter lanes, updated bylaws for use of bikes/scooters).
- Installation of secure bike parking (i.e. bike valet).
- Electric vehicle charging studies/planning.
- Electric vehicle charging infrastructure investments.
- Required new and/or existing gasoline and card lock fuel stations to include zero-emission vehicle infrastructure development.
- Not applicable.
- Other.

Community-wide transportation policies, programs and actions.*

- Programs to increase high-occupancy (2 or more people) vehicle trips (i.e. carpooling).
- Improving or expanding public transportation.

- Mode shift targets for passenger and/or commercial transportation (shifting from private vehicles to sustainable modes like walking, cycling and public transit) in Official Community 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.
- Bylaws updated to prioritize energy efficient transportation hierarchy (i.e. pedestrians first).
- Revising existing bylaws or implementing new ones to support active transportation.
- Active transportation planning.
- Active transportation infrastructure investments.
- Active transportation education and encouragement programs.
- Expanded micromobility access, bylaws and/or infrastructure (e.g. introduced or expanded bike/e-bike/e-scooter sharing programs, built new bike/scooter lanes, updated bylaws for use of bikes/scooters).
- Bylaws that reduce or eliminate off street parking requirements.
- Implement pedestrian plazas, car-free streets (temporary or permanent) or limited-access automobile streets.
- Installation of public secure bike parking (i.e. bike valet).
- 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.
- 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.

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 Regional District of Nanaimo was very pleased to provide, in cooperation with the Cowichan Valley Regional District and BC Transit, an inter-regional bus service connecting the RDN with the Cowichan Valley. This new service provides express transportation with strategic stops in Cowichan and Nanaimo regions, allowing residents to move efficiently from one region to the next. This service is particularly important for supporting residents unable to travel via private vehicle whether due to access or ability, providing more options for seniors, low-income residents, youth and those wanting to use public transit over private vehicles, to access community services and employment opportunities using low carbon transportation options.

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
- Not applicable

Corporate climate policies, programs and actions*

- Circular economy or zero waste strategy.
- Sustainable procurement policy.
- Renewable energy investments (e.g. district energy, waste heat recovery, biomass).
- Green/blue carbon sequestration.
- Compliance carbon offset projects.

- Voluntary carbon offset projects.
- Not applicable.
- Other.

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)
- Green/blue carbon sequestration
- Not applicable
- Other

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

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.*

The Regional District of Nanaimo continued its work to formalize natural asset management practices within corporate operations and land use policies. This included the completion of a Natural Asset Inventory dashboard and the application of resulting information in the development of draft development permit areas (DPAs) to help protect important natural asset areas (e.g., aquifers). The Regional District also continued work on the update of its Regional Growth Strategy to modernize sections on climate action. This included evaluation of new greenhouse gas targets, reinforcement of orientation towards compact, complete communities with use of growth containment boundaries, and building with low-carbon, resilient practices.

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
- Not applicable

Corporate resilience and adaptation policies, programs and actions.*

- Undertaking or completing a risk assessment at the asset or project level.
- Undertaking or completing a Hazard Risk Vulnerability Analysis (HRVA) at the asset or project level.
- Addressing current and future climate risks through plans, adaptation measure implementation, programs, service delivery, asset management and/or other functions.
- Collaboration with other communities on resilience planning/initiatives.
- Monitoring climate risks or impacts (floods, wildfire, etc.).

- Providing training (adaptation and mitigation skills).
- 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.
- Not applicable.
- Other.

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).
- Creating data systems to support climate action.
- Utilizing natural assets/nature-based solutions.
- Developing emergency/hazard response plans.
- Not applicable.
- Other.

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.

The Regional District of Nanaimo worked with the Pacific Climate Impacts Consortium (PCIC) to develop downscaled climate projects for our area to help better understand what changes are anticipated for our area, and work that information into facility and project design. This included outreach to technical data users to consult on data needs, development of a public report, and compilation of extensive maps and data sets for use by area consultants, local government staff, and members of the public.

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
- Yes at the asset or project level
- No

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

- No, but we are currently undertaking one and it will be complete in the next two years.
- 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 14 b): Are you integrating climate risk into asset management, budgeting and climate action plans?*

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

Question 15: What are the most significant climate hazards and impacts faced by your jurisdiction and 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
- Extreme cold, snow and ice
- Water shortages
- Wildfire
- Wildfire smoke
- Overland flooding
- Coastal flooding, storm surge events and/or other coastal hazards
- Wind, rain, and other storm events
- Ecological impacts (examples of ecological impacts include biodiversity loss and erosion)
- Cultural impacts (examples of cultural impacts include threats to identities, languages, and livelihoods)
- Human health impacts
- Power outages
- Not applicable/no hazards
- Not sure
- Other

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

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

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

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

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

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.

Hazard

	Adaptation measure
Extreme heat and heat stress	<i>Building and infrastructure design for future climate/weather</i>
Extreme cold, snow and ice	
Water shortages	<i>Outreach/research/regional coordination of water-centric development/planning</i>
Wildfire	<i>Update of community evacuation routes, delivery of community FireSmart outreach</i>

Wildfire smoke	<i>Green Building program emphasizing role of heat pumps and weatherproofing on indoor air quality</i>
Overland flooding	<i>Flood plain mapping and update of floodplain bylaws</i>
Coastal flooding, storm surge events and/or other coastal hazards	<i>Promotion of RDN coastal flood atlas and sharing of project results with other local governments.</i>
Wind, rain, and other storm events	<i>Rainwater management strategy implementation</i>
Ecological impacts	<i>Biodiversity strategy, invasive species strategy development</i>
Human health impacts	<i>Education and alerts around unsafe conditions, early scoping of air quality monitoring</i>
Cultural impacts	<i>Ongoing investment in relationship-building with First Nations</i>
Power outages	<i>Cooperative project with City of Nanaimo and others to communicate about electric home function in p</i>
Other	

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.
- There are no specific measures in place to ensure equitable access to and distribution of opportunities and benefits.
- Not sure how to integrate equity into our climate action work.
- Not sure if equity is being integrated into our climate action work.

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

The Regional District of Nanaimo initiated the Home Energy Navigator (HEN) program in the Regional District in summer of 2023. The program promotion and roll-out was deliberately targeted to connect with equity-seeking groups experiencing additional barriers to home retrofits. The Regional District of Nanaimo, in collaboration with City of Nanaimo, completed feasibility assessment for offering community efficiency financing for climate-ready home renovations. This work specifically included requirements for understanding additional barriers faced by equity-seeking communities, and appropriate program design options that would best support equity-seeking residents of the RDN. This work was supported by a consultant skilled in the equity-energy space.

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, Regional District of Nanaimo received 149082. Please ensure the amount(s) entered for Question 20 equal this amount in total.*

- Corporate
- Community
- Funds on hold

120101

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.

- Staffing
- Energy study
- Climate study
- Traditional services emissions reporting
- Asset management
- Climate finance planning
- Leveraging funds from other sources/ grant stacking
- Buildings initiatives
- Transportation initiatives
- Community-wide initiatives
- Resilience and adaptation initiatives
- Other

Corporate buildings policies, programs and actions.*

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

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

- Highest efficiency standards for new space and water heating equipment.
- BC Energy Step Code adoption (Step 3 or higher).
- Zero Carbon Step Code adoption.
- Efficiency upgrades/retrofits.
- Requirement to use mass timber in buildings construction.
- Requirement to measure embodied carbon.
- Other.

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.

- Programs to increase high-occupancy (2 or more people) vehicle trips (i.e. carpooling).
- Established personal (passenger) transportation target goals, and measures to reach them, in annual reports – may include target goals for vehicle kilometre reduction, mode share for active transportation and zero-emission vehicles.
- Established commercial transportation target goals, and measures to reach them, in annual reports – may include target goals for vehicle kilometre reduction, mode share for energy efficient commercial transportation and zero-emission vehicles.

- Implemented zero-emission vehicle first procurement policy for all local government on and off-road vehicles purchases.
- Implemented a zero-emission vehicle preference or requirement for contracted work from a service provider.
- Active transportation infrastructure investments.
- Active transportation education and encouragement programs.
- Expanded micromobility access, bylaws and/or infrastructure (e.g. introduced or expanded bike/e-bike/e-scooter sharing programs, built new bike/scooter lanes, updated bylaws for use of bikes/scooters).
- Installation of secure bike parking (i.e. bike valet).
- Electric vehicle charging studies/planning.
- Electric vehicle charging infrastructure investments.
- Required new and/or existing gasoline and card lock fuel stations to include zero-emission vehicle infrastructure development.
- Other.

Corporate 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.
- Sustainable procurement policy.
- Renewable energy investments (e.g. district energy, waste heat recovery, biomass).
- Green/blue carbon sequestration.
- Compliance carbon offset projects.
- Voluntary carbon offset projects.
- Other.

Corporate resilience and adaptation 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.

- Undertaking or completing a risk assessment at the asset or project level.
- Undertaking or completing a Hazard Risk Vulnerability Analysis (HRVA) at the asset or project level.
- Addressing current and future climate risks through plans, adaptation measure implementation, programs, service delivery, asset management and/or other functions.
- Collaboration with other communities on resilience planning/initiatives.
- Monitoring climate risks or impacts (floods, wildfire, etc.).

Providing training (adaptation and mitigation skills).

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.

Other.

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

Climate study

Energy study

Asset management

Buildings initiatives

Transportation initiatives

Community-wide initiatives

Resilience and adaptation initiatives

Topping up programs/incentives

Other

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.

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.

Requirement to use mass timber in buildings construction.

Requirement to measure embodied carbon.

Other.

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.

- Programs to increase high-occupancy (2 or more people) vehicle trips (i.e. carpooling).
- Improving or expanding public transportation.
- Mode shift targets for passenger and/or commercial transportation (shifting from private vehicles to sustainable modes like walking, cycling and public transit) in Official Community 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.
- Bylaws updated to prioritize energy efficient transportation hierarchy (i.e. pedestrians first).
- Revising existing bylaws or implementing new ones to support active transportation.
- Active transportation planning.
- Active transportation infrastructure investments.
- Active transportation education and encouragement programs.
- Expanded micromobility access, bylaws and/or infrastructure (e.g. introduced or expanded bike/e-bike/e-scooter sharing programs, built new bike/scooter lanes, updated bylaws for use of bikes/scooters).
- Bylaws that reduce or eliminate off street parking requirements.
- Implement pedestrian plazas, car-free streets (temporary or permanent) or limited-access automobile streets.
- Installation of public secure bike parking (i.e. bike valet).
- 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.
- Streamlined hydrogen fueling station permitting process.
- Required new and/or existing gasoline and card lock fuel stations to include zero-emission vehicle infrastructure development.
- Required green roads certification for any new or significantly modified existing roads.
- Other.

Community-wide 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.

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

Complete, compact communities.*

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.

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

Community-wide resilience and adaptation 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.

- 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.

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.

Other.

Funds on hold - How will funds be allocated?

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

Home Energy Navigator (retrofit concierge) program delivery through 2024/2025, retrofit top ups through our rebate program through to 2025, fleet EV charging station installations at RDN facilities, public ev charging station at RDN facilities, design of community efficiency financing program, implementation of strategy for Net Zero Buildings and Localized Energy Generation

No decision has been made.

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

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

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

Year two funding was used to kick off the RDN's delivery of the Home Energy Navigator retrofit concierge program, complete industry consultation on implementation of the Zero Carbon Step Code and BC Energy Step Code, and provide additional rebates for local residents completing climate-adaptive home retrofits.

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

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.

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

We follow the provincial guidelines and apply the funding according to the priorities identified in our Community Climate Plan and our Corporate Carbon Neutral Plan. Community priorities were identified based on decision-making criteria including: equity, within local government jurisdiction, dollar/GHG savings, feasibility among others.

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.

Yes

No

Question 24: What is the value in the Program's continuity for your community?

Optional

Very high value – this is the only program that provides us with dedicated climate funding with low barriers for action. While the grant funding program is still relatively early days, with predictability we are better able to plan for climate action and be strategic about where we use these funds -this gives us much-needed flexibility to allocate funds to projects that would otherwise be unfeasible. The requirement to spend funds by a specific deadline can be difficult for program areas that depend on public participation that is not always predictable (e.g. Home energy navigator)

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.

Attested by (first name, last name)*

Tiffany Moore

Professional title*

Chief Financial Officer

Local government or Modern Treaty Nation*

Regional District of Nanaimo

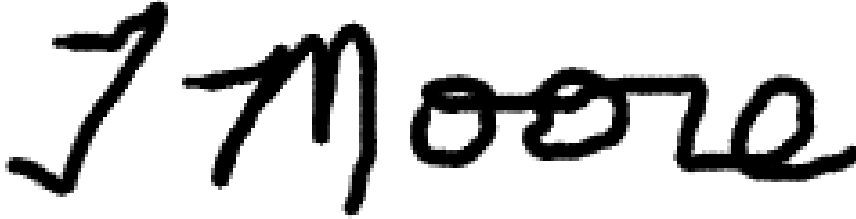
Date*

2024-07-24

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.

A large, handwritten signature in black ink that reads "T Moore". The signature is written in a cursive, slightly stylized font. The first letter 'T' is large and has a long horizontal stroke that extends to the left. The 'M' is also large and has a distinctive shape. The 'oo' are connected, and the 're' are written in a simple, rounded cursive style.

2024-07-24 10:34:00 Pacific Daylight Time