

LGCAP 2024

The Survey

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

Please estimate FTE(s) for climate-related work (e.g. 100% time = 1.0; 50% time = 0.5; 25% time = 0.25).

8

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

(X) 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)

[X] Integrated climate plan (addressing mitigation and energy)

2019-12

[X] Integrated climate plan (addressing adaptation and energy)

2019-12

[] Standalone mitigation plan

[X] Standalone adaptation plan

2017-07

[] Standalone energy-related plan

[] Don't know

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

CEEP-<https://www.dnv.org/community-environment/community-energy-and-emissions-plan-ceed>

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

(X) 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)

[X] Integrated climate plan (addressing mitigation and energy)

2025-02

- ☐ 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.dnv.org/community-environment/strategic-energy-management-plan>

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 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.

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

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

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

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

Format: Up to two decimal places and no commas (e.g. 1250.47)

3231.10

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

Format: Up to two decimal places and no commas (e.g. 1250.47)

1377.1

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

This would be the sum of the two questions above.

Format: Up to two decimal places and no commas (e.g. 1250.47)

4608.3

Optional: If your local government or Nation estimated fuel consumption and emissions from contracted services (because you were unable to obtain fuel consumption data directly from all contractors), please report the average percentage you applied to all contracts that was associated with fuel consumption (calculated from a sample of contracts and entered in the Contracted Services Calculator in the field 'Fuel %

cost of overall contracted service cost').

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

Format: Numbers, no percentage sign (e.g. 45)

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

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

() CDP

() Greenhouse Gas Protocol

() Other (please specify):

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

Format: Up to two decimal places and no commas (e.g. 1250.47)

1881.00

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

Format: Up to two decimal places and no commas (e.g. 1250.47)

1350.1

Please provide the link to the public report if available.

Optional

<https://docs.dnv.org/documents/annual-report-2024.pdf>

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).

Reporting follows the Provincial guidelines for Carbon Neutral Local Government (CNLG) and the Local Government Climate Action Program (LGCAP). Emissions factors and methodologies are from the B.C. Best Practices Methodology for Quantifying Greenhouse Gas Emissions, which in turn references the National Inventory Report in most cases. Energy consumption is tracked for buildings (electricity, natural gas, and propane), fleet (gasoline, diesel, and employee mileage), and contracted emissions.

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

(X) Yes

() In-progress

() No

If your local government or Nation measured 2024 community-wide GHG emissions, please report your community-wide on-road transportation sector emissions in tonnes of CO₂e for 2024.*

Format: Up to two decimal places and no commas (e.g. 1250.47)

174728

If your local government or Nation measured 2024 community-wide GHG emissions, please report your community-wide buildings sector emissions in tonnes of CO₂e for 2024.*

Format: Up to two decimal places and no commas (e.g. 1250.47)

147056

If your local government or Nation measured 2024 community-wide GHG emissions, please report your community-wide municipal solid waste sector emissions in tonnes of CO₂e for 2024.*

Format: Up to two decimal places and no commas (e.g. 1250.47)

12533

If your local government or Nation measured 2024 community-wide GHG emissions, please report the total for the buildings, solid waste and on-road transportation sectors.*

This would be the sum of the three questions above.

Please note: No commas are to be used in numerical fields.

334317

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 2024 Provincial Community Energy and Emissions Inventory data has not been released.
- ☐ No, we do not measure and report community-wide emissions data due to lack of 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 (e.g. 2022, every 5 years)?*

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

Format: Up to two decimal places and no commas (e.g. 1250.47)

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

Format: Up to two decimal places and no commas (e.g. 1250.47)

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

Format: Up to two decimal places and no commas (e.g. 1250.47)

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 2024 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	45	2007
2040		
2050	100	2007

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

Format e.g.: target 2035 50% baseline 2010, target 2060 70% baseline 2010, ...

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

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

Net-zero refers to a jurisdiction or organization achieving a balance between greenhouse gas emissions produced and removed from the atmosphere (e.g. planting trees or using carbon capture technologies)

Carbon neutral refers to an organization reducing emissions as much as practicable and then offsetting the remainder by purchasing offsets or other similar mechanisms Please select all that apply.

- ☒ Yes: Community-wide net-zero target
- ☐ Yes: Corporate carbon neutrality
- ☒ Yes: Corporate net-zero target
- ☐ No

Question 9: Please select up to three supporting indicators that would be most valuable to your local government or Nation to advance climate action.*

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

- ☒ Housing type: Private dwellings by structural type
- ☒ Floor area: Average floor area by building category and era
- ☐ Residential density: Population and dwelling units per square land area (km²)
- ☒ 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 transit stop/line
- ☐ Other

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

A community emissions inventory that is updated and released on a routine annual schedule, including key emissions sectors (transportation – VKT and vehicle ownership including ICE, EV and PHEV by census tract or postal code, mode share by neighborhood (walk/cycle/transit/vehicle), buildings- gas consumption, and electricity consumption by customer demographic) would reduce duplicated efforts and support measuring progress on targets.

Question 10: Please indicate all climate initiatives your local government or Nation had in-progress, ongoing or completed in the 2024 calendar year related to the buildings sector.*

This should not be limited to what your LGCAP funding supported.

- ☒ Corporate
- ☒ Community
- ☐ Not applicable

Corporate buildings policies, programs and actions.*

- ☐ Highest efficiency standards for new space and water heating equipment.
- ☐ BC Energy Step Code adoption (Step 4 or higher).
- ☐ Zero Carbon Step Code adoption.
- ☒ Efficiency upgrades/retrofits.
- ☐ Requirement to use mass timber in new buildings.
- ☒ Requirement to measure embodied carbon.
- ☒ Other.

The District completed construction of the all-electric Maplewood Fire & Rescue Centre, has implemented the Climate Ready Municipal Buildings Policy that requires certification with Passive House Institute or CaGBC Zero Carbon Building Design Standard. This policy addresses overheating, renewable energy use, air filtration, and accounts for embodied & refrigerant emissions. To promote transparency, the District reports corporate energy & emissions data in the Building Benchmark BC program.

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

Optional

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

Optional

Community-wide buildings policies, programs and actions.*

[X] Topping up Provincial energy efficiency incentive programs.

[X] Bylaw changes to facilitate heat pump installations or electrical upgrades (please explain):

The District is facilitating heat pump installations by implementing reduced permit fees for fuel switching. Gas permit fees for decommissioning an existing gas installation are reduced to \$0.00 for residents that switch from gas to electric fuel source for heating systems in existing residential buildings.

[X] BC Energy Step Code adoption (Step 4 or higher).

[X] Zero Carbon Step Code adoption.

[X] Requirement to use mass timber in new buildings.

[X] Requirement to measure embodied carbon.

[X] Other.

Part 9: Step 5 or Step 4 with EL-3, Part 3 Residential: Step 4 or 3 with EL-3, Part 3 Commercial: Step 2 or 3 with EL-3. Embodied carbon and refrigerant emissions reporting for Part 3 rezoning applications.

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

Optional

Step 3 minimum for residential buildings, Step 2 min for commercial buildings

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

Optional

Step 4 minimum

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

Optional

EL-3

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

Optional

EL-3

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

Optional

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

Optional

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

Please enter NA if your community reported no buildings initiatives ongoing, completed or in-progress for 2024.

Low Carbon Buildings.

In 2024, the District expanded support services for homeowners interested in making energy upgrades through the North Shore 'Jump on a New Heat Pump' retrofit concierge program. The District delivered free virtual home energy consultation services for residents that included one-on-one ongoing support with a home energy expert. The consultation provides information about different equipment options, advice when reviewing quotations from contractors, and support for navigating rebates. The retrofit support program was initially launched in 2020 and combined with municipal top up rebates, has coincided with steadily increasing uptake in electrical permits issued for heat pumps. In 2024, the District issued 266 electrical permits for heat pumps, up from five permits issued in 2021. More information is available through the program website: <http://www.jumponaheatpump.ca>.

Question 11: Please indicate all climate initiatives your local government or Nation had in-progress, ongoing or completed in the 2024 calendar year related to the transportation sector. *

This should not be limited to what your LGCAP funding supported.

- ☒ Corporate
- ☒ 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.
- ☒ Electric vehicle purchases and electric equipment/machinery purchases (i.e. electric zambonis)
- ☐ Required new and/or existing gasoline and card lock fuel stations to include zero-emission vehicle infrastructure development.
- ☒ Other.

The District is replacing fossil fuel corporate fleet vehicles with electric alternatives. In 2024, approximately 86% of the District's passenger vehicle fleet was electric. The District is replacing larger fleet vehicles like trucks and vans, and is currently piloting the first rear-end loader electric garbage truck in B.C.

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 bikes/scooter uses).
- ☐ 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 secure public 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.

In partnership with the City of North Vancouver and Evolve E-Bike Share, the District launched the first of its kind pilot e-cargo bike program in BC. The pilot is a free, short-term lending program for riders 18 and older, and can be booked ahead through the Evo app.

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

Please enter NA if your community reported no transportation initiatives ongoing, completed or in-progress for 2024.

Low Carbon Transportation.

In 2024, the District adopted an Electric Vehicle Strategy that identifies charging infrastructure needs and defines the District's role in the transition to electric mobility. This work involved technical modelling to project demand for charging to 2050, workshops and interviews with industry representatives, and a comprehensive policy review. The District expanded the public charging network, including two new DCFC fast chargers and eight level 2 stations at local parks and community hubs in the municipality. The District has encouraged EV ready parking stalls in new residential and non-residential buildings for over 10 years. In 2024, the District began work to update and formalize the EV ready requirements for new construction to ensure consistency with best practices in the region. The District completed a new walking path in Deep Cove and completed several pedestrian crossing improvements in Lynn Valley. Collaborative transit planning and advocacy efforts continued with bus rapid transit from Metrotown to Park Royal identified in 2023 by Translink as a Tier 1 investment priority. This work is supported by the North Shore Connects partnership between the District, the City of North Vancouver, Squamish Nation, District of West Vancouver, and Tsleil-Waututh Nation.

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

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

- ☒ 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).
- ☐ Supporting green/blue carbon sequestration.

- ☐ Developing compliance carbon offset projects.
- ☐ Developing voluntary carbon offset projects.
- ☐ 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)
- ☐ Supporting green/blue carbon sequestration
- ☒ Climate engagement
- ☐ 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
- ☒ Infill development
- ☒ Urban containment boundaries
- ☒ Regional Growth Strategies
- ☒ Community Development Plans

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

Please enter NA if your community reported no community-wide or corporate initiatives ongoing, completed or in-progress for 2024.

In 2024, the District implemented the Demolition Waste Reduction Bylaw. This bylaw reduces demolition waste sent to landfill through a wood salvage requirement for single family homes built before 1950. It requires applicants to salvage 3.5kg (2.6 board feet) of recovered lumber per square foot of the finished floor space during demolition. Since implementation, approximately 19,800 board feet of lumber has been diverted from landfill.

The District provided \$30,000 in funding through the Sustainability Grants Program to support small-scale, community-based sustainability projects that help reach the District's climate action and ecosystem health goals. The community grants encourage schools, non-profits, unincorporated local community associations and other groups to contribute to social and environmental sustainability in the District.

The District advanced work to develop the Nature & Biodiversity Strategy to protect, restore and enhance local ecosystems in the community. Key initiatives included invasive plant assessment and management, and planning for ecosystem restoration and enhancement of the District's natural systems.

Question 13 a): Please indicate all initiatives your local government or Nation had completed, ongoing or in-progress in the 2024 calendar year to adapt to and build resilience to climate impacts.*

This should not be limited to what your LGCAP funding supported.

- ☒ Corporate
- ☒ Community
- ☐ 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.
- ☒ Developing business continuity or similar plan(s)
- ☐ 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.
- ☐ Hydro climatological 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.
- ☒ Developing, acquiring, or already have hazard or climate risk mapping (e.g., floodplains), data or similar information.
- ☒ Utilizing natural assets/nature-based solutions.
- ☒ Developing emergency/hazard response plans.
- ☐ Other.

Please highlight one or more climate adaptation project(s) that were completed, ongoing or in-progress in the 2024 calendar year to reduce risk and increase resilience.*

Please enter NA if your community reported no initiatives to reduce risk and increase resilience that were ongoing, completed or in-progress for 2024.

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 District of North Vancouver partnered with North Shore Emergency Management (NSEM), the City of North Vancouver, the District of West Vancouver, the Squamish Nation and the Tsleil-Waututh Nation to develop the North Shore Extreme Heat Resilience Project. The project, led by NSEM involves a comprehensive risk assessment, extreme heat vulnerability mapping and community engagement to identify and ultimately support vulnerable populations. The project includes both short and long-term heat risk reduction and resilience strategies.

The project team engaged with organizations involved with extreme heat response and representatives from groups that may be vulnerable to extreme heat. The District issues public notices in response to Environment Canada alerts, provides information on public cooling centres before and during extreme heat events, and shares additional public resources from NSEM, HealthLink BC and VCH.

As part of the implementation of the North Shore Sea Level Rise Risk Assessment and Adaptive Management Strategy, the District is working to identify areas of coastal flood hazards and potential impacts. This involves identifying vulnerable populations in the district who may be affected by coastal flooding.

The District advanced work to develop the Nature & Biodiversity Strategy to protect, restore and enhance local ecosystems in the community. Key initiatives included invasive plant assessment and management, and planning for ecosystem restoration and enhancement of the District's natural systems.

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

How many full-time equivalent (FTE) staff are dedicated to developing the plans and assessments listed below? This includes plans and

assessments done collaboratively with other local or Indigenous government partners. *

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

☒ Emergency management plans that address preparedness, response and/or recovery; also includes hazard specific response plans such as an extreme heat response plan

2

☐ Business continuity plans

☒ Hazard and climate risk assessments (e.g., Hazard, Risk and Vulnerability Assessment (HRVA), floodplain mapping, sea level rise risk assessment)

0.5

☒ Hazard and climate risk reduction / adaptation plans (e.g., flood risk management plan, community wildfire protection plan, water supply management plans)

1

☐ Not applicable

Question 13 c): Funding for developing plans and assessments

What is the annual budget allocated for the plans and assessments listed below? This includes plans and assessments done collaboratively with other local or Indigenous government partners. *

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

☒ Emergency management plans that address preparedness, response and/or recovery; also includes hazard specific response plans such as an extreme heat response plan)

60000

☐ Business continuity plans

☒ Hazard and climate risk assessments (e.g., Hazard, Risk and Vulnerability Assessment (HRVA), flood plain mapping, sea level rise risk assessment)

113000

☒ Hazard and climate risk mitigation/adaptation plans (e.g., flood risk management plan, community wildfire protection plan, water supply management plans)

505000

☐ Not applicable

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

Please select all that apply.

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

☒ Yes at the community level

2025

☒ Yes at the asset or project level

2025

☐ No

If available, please provide a link to the document:

<https://nsem.ca/wp-content/uploads/2025/06/NSEM-DCRRA-2025.pdf>

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 directions 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: Please select the most significant climate hazards and impacts faced by your jurisdiction and please specify the associated adaptation measures completed or in-progress in the 2024 calendar year, if any.*

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

Textbox limit: 998 characters

☒ Extreme heat and heat stress

In 2024, North Shore Emergency Management (NSEM) led an extreme heat resilience project for the North Shore in partnership with the District of North Vancouver, the City of North Vancouver, the District of West Vancouver, the Squamish Nation, the Tsleil-Waututh Nation. This work involved a comprehensive risk assessment, a mapping exercise, and engagement to identify vulnerabilities and provide a resource to better inform extreme heat planning, management, and response in the community. The District provides public notices in response to Environment Canada weather alerts, information on public cooling facilities, and other resources from NSEM, HealthLink BC, and VCH. In 2024, the District implemented policies and programs that help reduce indoor overheating including the Climate Ready Rezoning Policy, Climate Ready Municipal Buildings Policy, and the tri-municipal North Shore Jump on a New Heat Pump program.

☒ Extreme cold, snow and ice

The District provides community warming spaces for at-risk populations and monitors weather and road conditions to communicate dangerous snow and ice conditions.

☒ Water shortages

The District uses a proactive leak detection system to monitor municipal water systems including night flow analysis and noise loggers to detect potential leaks and where they can be repaired. To conserve water, the District uses an irrigation system that automatically shuts off during periods of rain and implements seasonal residential watering restrictions, lawn sprinkling permits, and water conservation officers.

☒ Wildfire

In 2024, the District applied for funding for 53 hectares of fuel treatment to address two high-risk sites identified in the 2019 Community Wildfire Protection Plan (CWPP). The CWPP includes a comprehensive wildfire risk assessment, including vulnerable areas, populations, and associated environmental impacts associated with wildfires.

☒ Wildfire smoke

The District's Climate Change Adaptation Strategy identifies the link between climate change, increasing wildfire events, and impacts to air quality and human health. The Strategy identifies actions to improve preparedness and response to poor air quality, including opportunities for interagency coordination to minimize adverse health impacts to staff, responders, and the public during air quality advisories. The Community Wildfire Protection Plan identifies actions to mitigate post-wildfire impacts, including advocacy and planning to develop a strategy for communities to draw upon when they are exposed to smoke from wildfire for extended periods of time. This strategy would include smoke exposure risk assessments, exposure reduction measures, and a decision-key for when to evacuate a community due to wildfire smoke.

[X] Overland flooding

In 2024, the District experienced significant overland flooding due to an atmospheric river event. There were widespread impacts to the municipality, but no fatalities or major injuries, demonstrating the value of previous investments in creek hazard mitigation and improvements to storm drainage infrastructure. A task force was commissioned to complete a post-event review to aid staff in objectively understanding what went well and what could be improved moving forward. Short, medium, and long-term actions have been identified and will be considered through the District's budget process and through reprioritizing staff work plans. The District is also developing an Integrated Stormwater Management Plan (ISMP).

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

The District is implementing the North Shore Sea Level Rise Risk Assessment and Adaptive Management Strategy in partnership with the District of West Vancouver, the City of North Vancouver, Squamish Nation, Vancouver Fraser Port Authority, and North Shore Emergency Management. The Strategy identifies actions to take over the long term to help create more resilient communities, neighbourhoods, cultural spaces, and infrastructure, and manage the financial impacts of sea level rise. In 2024 the District advanced a wave modelling study that will be used to update the coastal flood hazard mapping resources.

[X] Wind, rain, and other storm events

The District is experiencing increasing extreme rain and wind events due to atmospheric rivers. The District uses a free public notification app that alerts users of any public safety emergencies and provides support through North Shore Emergency Management. The District works directly with NSEM to establish an Emergency Operations Centre to oversee the response to these events. The District identifies hazard trees that are diseased, damaged, dead or dying trees that pose a risk to public safety due to risk of tree failure. Trees are managed through our street maintenance program, as part of a storm response, and through the Forest Resilience Program. More information is available here: <https://www.dnv.org/parks-trails-recreation/managing-hazard-trees-in-natural-parklands>

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

The District is developing a Nature and Biodiversity Strategy. A central objective of the Strategy is to identify important ecological areas and opportunities for planning, policies, and actions to protect, restore, and enhance natural areas, species, and ecological processes. The District is implementing an Invasive Plant Management Strategy that focuses on prevention, treatment and restoration to reduce social, ecological and economic harm to the District.

- [X] Cultural impacts (examples of cultural impacts include threats to identities, languages, and livelihoods)

The District of North Vancouver Council has signed a Relationship Protocol Agreement to commit to work together with the sliwta Council to implement the Municipal Truth and Reconciliation Calls to Action, the United Nations Declaration on the Rights of Indigenous Peoples, and the Provincial Declaration on the Rights of Indigenous Peoples Act. The Agreement includes a commitment to work together on projects including environmental stewardship and climate action. The District and sliwta are advancing a joint project to restore the Wheyah-Wichen/Cates Park shoreline with funding provided by the provincial government's British Columbia Destination Development Fund.

- [X] Human health impacts

The District's Climate Change Adaptation Strategy (CCAS) and Community Energy and Emissions Plan identify the impacts of climate change on human health. The CCAS identifies linkages between climate change and impacts on vulnerable populations, effects on air quality, water quality and infectious diseases. The District proactively planning and implementing policies and programs that reduce air pollution, improve air quality, and better prepare for extreme weather events that can impact human health.

- [X] Power outages

The District provides resources from BC Hydro and North Shore Emergency Management to improve community resilience during power outages and provides alerts to residents through the Alertable app. The District is exploring ways to streamline installations such as solar photovoltaic panels and battery storage systems that reduce reliance on the electrical grid and improve local resilience.

- [X] Landslides

The District is implementing a Slope Hazard Development Permit Area to reduce risk of landslide associated with new development. The Slope Hazard DPA was developed to minimize the risk to people and property from building on slopes, ensure that development and construction on slopes is done safely, prevent any alterations to slopes that could cause instability, and encourage ongoing maintenance and monitoring of steep slopes.

- [] 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.

- [X] 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/partner engagement and support
- ☒ Information on partnership opportunities
- ☒ Examples of actions taken by other communities
- ☐ Not sure
- ☐ Other

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

E.g., Percentage of buildings retrofitted for energy efficiency and climate resilience; Percentage of urban tree canopy cover to mitigate heat island effects; Number of households with access to cooling centers during extreme heat events

Households with access to cooling (e.g. number of A/C units and/or residential heat pumps in existing households, installation date, equipment type, location of households that have access to cooling by neighbourhood/FSA, number of households that replace existing heat pumps), proportion of population with access to emergency response systems, more frequent urban tree canopy coverage data within UCB that provided by regional governments.

Question 17: Please indicate all initiatives your local government or Nation had in-progress, ongoing or completed in the 2024 calendar year related to collaborating with their neighbouring communities, businesses or community organizations, critical infrastructure providers and/or other partners.*

Please select all that apply.

- ☒ Emergency Management and Disaster Climate Risk Management related activities such as preparing, reviewing or revising hazard risk assessments, emergency/hazard response and/or hazard risks plans.
- ☒ Entering into agreements with other jurisdictions related to emergency management, hazard and climate risk reduction, etc. (This request would exclude information on mutual aid type of agreements in relation to (e.g.) fire protection services.)
- ☒ Preparing, reviewing or revising a risk assessment or an emergency management plan.
- ☐ Not applicable

Question 18: Has your local government or Nation completed a natural asset inventory (an assessment of natural resources like forests, wetlands, and waterways for their ecosystem services and value)?*

- ☐ Yes
- ☐ No
- ☒ Currently in progress

If no, what are the primary barriers preventing your local government or Nation from completing a natural asset inventory?

Please select all that apply.

- ☐ Lack of awareness
- ☐ Lack of funding
- ☐ Lack of capacity (staff, expertise, etc.)
- ☐ Not a current priority for council, directors, or leadership
- ☐ Other (please specify)

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

- ☐ Yes
- ☐ No
- ☐ Planning to start soon

If your local government or Nation is not actively managing natural assets, what are the primary reasons?
Please select all that apply.

- ☐ Not required/mandated
- ☐ Lack of capacity (staff, expertise, etc.)
- ☐ Lack of understanding of the benefits
- ☐ Lack of funding
- ☐ Not a current priority for council, directors, or leadership
- ☐ Cross-jurisdictional challenges (natural assets existing outside your jurisdictional boundary)
- ☐ Other (please specify):

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 2024 calendar year that promotes equity and inclusion.

The District's EV strategy focuses on supporting residents in existing multi-family buildings to facilitate charging infrastructure for residents that are more likely to face barriers to accessing home charging. Common barriers include the complexity and costs associated with retrofitting existing multi-family buildings with EV charging. In preparation for the Strategy, the District conducted a geospatial analysis to compare existing multi-unit residential buildings over three stories with the current and planned public EV charging infrastructure. The analysis included neighbourhood level vehicle registration data from ICBC to show the concentration of EV adoption (per 1000 people). This highlighted key locations in the District where installations would likely support residents that may be more reliant on public charging infrastructure.

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

This is the 3-years' upfront lump sum totaling: \$882,191*

Instructions:

Please select all that apply and indicate the total dollar value associated with each initiative.

Please ensure the amount(s) entered below equals your local government or Nation's total LGCAP funding amount received in 2024 (noted above).

For the purposes of this question, "committed" funding refers to money that has been officially allocated or earmarked for specific projects with certainty, even if it has not yet been spent.

Please select "funds on hold" for any funding that was not spent or committed during the 2024 calendar year.

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

- ☒ Corporate
- ☐ Community
- ☒ Funds on hold

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
- ☐ Corporate-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 4 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.
- ☐ Electric vehicle purchases and electric equipment/machinery purchases (i.e. electric zambonis)
- ☐ 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).
- ☐ Supporting green/blue carbon sequestration.
- ☐ Developing compliance carbon offset projects.
- ☐ Developing 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-wide 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.

- ☐ BC Energy Step Code adoption (Step 4 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)
- ☐ Supporting 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
- ☐ 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.

☐ Developing, acquiring, or already have hazard or climate risk mapping (e.g., floodplains), data or similar information.

☐ Utilizing natural assets/nature-based solutions.

☐ Developing emergency/hazard response plans.

☐ Other.

Funds on hold - How will funds be allocated?

☐ Please indicate the project(s) and the amount of funding allocated to each of them, if known.

☒ No decision has been made.

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

LGCAP funding supports foundational climate action work, including dedicated Climate and Biodiversity staff, community-wide greenhouse gas emissions inventories, community climate engagement, community building retrofit support services, and strategic planning including the Nature and Biodiversity Strategy. The LGCAP funding has and will be used to leverage external grant funding to advance other initiatives (e.g. EV charging infrastructure).

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

Based on our records, for your community, these funds total: \$0. (This is your community's total LGCAP funding received in 2022 and 2023 minus what was reported as spent in the last two LGCAP surveys.)*

Your community needs to report on this whether or not you've submitted an LGCAP Spending Forecast Form.

You can see what your community has previously reported for LGCAP funding in the LGCAP Raw Survey Data. Instructions:

Please select all that apply and indicate the total dollar value associated with each initiative.

Please ensure the amount(s) entered below equals your local government or Nation's total LGCAP funding amount that was previously reported as in reserve (noted above).

It doesn't matter which year the previously reserved funds received in 2022 and 2023 were spent or committed in.

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

☐ Corporate

☐ Community

☒ Not applicable (Amount above is \$0 as funds were reported as spent in the last two LGCAP surveys)

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
- ☐ Corporate-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 4 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.

- ☐ Electric vehicle purchases and electric equipment/machinery purchases (i.e. electric zambonis)

- ☐ 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).

- ☐ Supporting green/blue carbon sequestration.

- ☐ Developing compliance carbon offset projects.

- ☐ Developing 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-wide 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.
- ☐ BC Energy Step Code adoption (Step 4 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)
- ☐ Supporting 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
- ☐ 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.
- ☐ Developing, acquiring, or already have hazard or climate risk mapping (e.g., floodplains), data or similar information.
- ☐ Utilizing natural assets/nature-based solutions.
- ☐ Developing emergency/hazard response plans.
- ☐ Other.

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

N/A

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

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

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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.

Zero Emissions Vehicle Infrastructure Program - Natural Resources Canada, Government of Canada; Investing in Canada Infrastructure Program – Infrastructure Canada, Government of Canada; Government of BC, Community Energy Manager program, BC Hydro and partner municipalities.

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

Internal business case development with economic, social and environmental analysis; which may require direction from Council.

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 and how does it support other priority initiatives for your local government or Nation (e.g. affordability, health, economic growth/resilience, etc.)?

Optional

The LGCAP is a critical source of funding that empowers the District to take climate action tailored to the community. The reporting aspect of LGCAP helps to ensure that the District's progress on climate action is closely tracked and maintains transparency and accountability throughout the District. The LGCAP enables the District to adapt to the community's changing needs and supports in the development of long-term initiatives. The LGCAP demonstrates leadership by supporting access to stable and flexible annual funding, enabling the District to implement critical community climate action initiatives.

Please note on posting the survey publicly:

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

Attested by (first name, last name)*

Rick Danyluk

Professional title*

General Manager, Finance and CFO

Local government or Modern Treaty Nation*

District of North Vancouver

Date*

2025-07-31

Attestor signature*

Please note: File upload e-signatures are not enabled as 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, stylized handwritten signature in black ink that reads "Rick Danyluk". The signature is written in a cursive, flowing style with a thick, dark stroke.

2025-07-31 13:31:00 Pacific Daylight Time