



Local Government Climate Action Program Survey Submission Report

North Vancouver, District Municipality

Report generated on Thursday, July 14, 2022 17:37 PST

Question	Answer
1. Does your local government or Modern Treaty Nation have a climate action plan or strategy?	Yes
1.a. Indicate the date the plan was adopted.	December 2, 2019
1.b. Include a link to the document (URL) or webpage.	https://www.dnv.org/sites/default/files/edocs/Community-Energy-Emissions-Plan.pdf
2. For the calendar year 2021, did your local government or Modern Treaty Nation measure and publicly disclose corporate greenhouse gas (GHG) emissions?	Yes
2.a. Include a link to the document (URL) or webpage where it is disclosed.	https://www.dnv.org/sites/default/files/edocs/annual-report-2021.pdf
2.b. Report emissions based on Services Delivered Directly (in tCO _{2e}).	4030

2.c. Report emissions based on Contracted Services (in tCO2e).	683
2.d. Report emissions based on Total Corporate Emissions (in tCO2e).	4713
3. For calendar year 2021, did your local government or Modern Treaty Nation measure and publicly disclose a community-wide emissions inventory?	We have completed a community-wide GHG inventory for our CEEP, based on 2016 data available. We have been working on an annual community emissions inventory but have encountered challenges in obtaining transportation and gas data.
4. Is your local government or Modern Treaty Nation tracking progress on its community-wide GHG reduction target?	Yes
4.a. Please provide your reduction target(s).	45% reduction by 2030 and 100% reduction by 2050
4.b. Please provide the target year.	2030; 2050
4.c. Please provide the baseline year.	2007
4.d. Please provide the link(s) to the document(s) or website if available.	https://www.dnv.org/sites/default/files/edocs/Community-Energy-Emissions-Plan.pdf

<p>5. Describe up to four climate initiatives, and their outcomes, your local government or Modern Treaty Nation is currently undertaking for Buildings</p>	<p>Low Carbon Approach to BC Energy Step Code Implementation In July 2021, the District implemented new building energy efficiency standards. The new standards, developed in partnership with the City of North Vancouver and the District of West Vancouver, are among the highest building efficiency and carbon performance standards in Canada. The two-tiered system allows builders to either build to the highest level of energy efficiency or implement a low carbon energy system that achieves a greenhouse gas intensity target of no more than 3kgCO₂e/m²/year.</p> <p>North Shore Jump on a New Heat Pump Program In 2021 the District of North Vancouver, in partnership with the District of West Vancouver and the City of North Vancouver, launched a promotional campaign to raise awareness about switching from fossil heating to low carbon heat pumps as part of the Jump on a Heat Pump program on the North Shore. The program provides education, resources, and incentives for homeowners and seeks to build capacity of contractors in the Industry. A range of resources are available for homeowners interested in making the switch, including downloadable heat pump information guides, virtual home energy check-ups, webinars, and training opportunities for Industry. The campaign involved advertising in the North Shore News, on social media, as well as a dedicated homeowner webinar to answer questions about heat pumps and to promote a virtual home energy check-up service. Social media ads received over 60,000 impressions, over 150 participants registered for the webinar, and over 60 participants registered for a virtual home energy check-up. The District is seeing increasing uptake of rebates from homeowners who are interested in switching from fossil gas heating systems.</p>
<p>6. Describe up to four climate initiatives, and their outcomes, your local government or Modern Treaty Nation is currently undertaking for Transportation</p>	<p>E-Bike Share Pilot/E-Scooter pilot The District is implementing the Community Energy and Emissions Plan, which focuses on actions to reduce greenhouse gas emissions from buildings, transportation, and waste. The transportation sector represents the largest source of emissions in the District of North Vancouver so is a priority action area. In 2021, the District of North Vancouver, in partnership with the City of North Vancouver and the District of West Vancouver launched an electric bike share pilot program to encourage active transportation. E-bike share systems provide a cost-effective, climate-friendly transportation option. The e-bike share system on the North Shore is the first of its kind in the Province. The District is also participating in an e-scooter pilot in coordination with the Provincial government and neighbouring municipalities on the North Shore. The pilot program allows e-scooters to be used on designated streets, cycling lanes, and multi-use pathways.</p> <p>Public EV Charging Infrastructure The District also enacted policy to require Level 2 charging for 100% of residential parking spaces in new multifamily developments and has applied for provincial and federal government funding to support the development of the public electric vehicle charging network.</p>

<p>7. Describe up to four climate initiatives, and their outcomes, your local government or Modern Treaty Nation is currently undertaking for Community</p>	<p>OCP Action Plan In 2021, the District approved the Official Community Plan (OCP) Action Plan that helps the District achieve the OCP vision of a community that is sustainable, inclusive, resilient, and vibrant. The OCP Action Plan focuses on four key topic areas: transportation, housing, economy and employment lands, and climate emergency. The plan includes eight priority actions, 21 supporting actions and two implementing lenses (social equity and climate change) intended to guide decision-making and implementation. In June, 2022 staff presented an early progress report to Council on the implementation of the OCP Action Plan that highlighted progress in priority action areas, such as low carbon Town and Village Centres, active transportation, reducing emissions from key sectors, and strengthening the resilience of natural and built environments.</p>
<p>8. Describe up to four climate initiatives, and their outcomes, your local government or Modern Treaty Nation is currently undertaking for Climate Resilience</p>	<p>North Shore Sea Level Rise Risk Assessment and Adaptive Management Strategy In 2021, the North Shore Sea Level Rise Risk Assessment and Adaptive Management Strategy was finalized by all partners including the District of North Vancouver, the District of West Vancouver, the City of North Vancouver, Squamish Nation, Vancouver Fraser Port Authority, and North Shore Emergency Management. The collaborative strategy helps to prepare for a one-meter increase in sea levels by 2100 and a two-metre increase in sea levels by 2200. The strategy identifies proactive, long-term actions that will help create more resilient communities, neighbourhoods, cultural spaces, infrastructure, and management the financial impact of sea level rise. The initiative was recognized by the Community Energy Association, winning the Climate & Energy Action Award (Climate Adaptation category) in 2021.</p>
<p>9. Which elements of your community's current official community plan (OCP) (or other relevant strategies, policies and/or plans) support the creation of more complete, compact communities?</p>	<p>Complete, compact community design is integrated into the District's Official Community Plan (OCP). Part 1 of the OCP is dedicated to Community Structure and outlines the vision, goals, and policies for focusing growth in the District's Town and Village Centres. The 2030 target is that 75-90% of new residential units located in 4 key centres within the Network of Centres. The District maintains and Urban Containment Boundary to reduce urban sprawl, and the OCP includes a range of policies to support complete communities, such as integrating land use, transportation, and parks planning, urban design and energy conservation to achieve efficiencies and vibrant places. The OCP Action Plan, approved in 2021, identifies a priority action to achieve Town and Village Centres that deliver low carbon, compact, and diverse housing, transportation choices, and supportive public amenities and employment space (Priority Action 1).</p>

<p>10. What actions has your local government or Modern Treaty Nation taken to increase community completeness and compactness since 2020 (e.g. urban containment boundary, increasing density by allowing secondary suites and laneway or carriage housing options)?</p>	<p>The District regularly reviews development applications against the vision and policies identified in the OCP and local land use plans. The District has been prioritizing development applications that include social, rental, and non-market housing located in Town and Village Centres. From 2011-2021, 79% of gross approved dwelling units were located in designated growth centres.</p>
<p>11. What data would be most valuable to your local government or Modern Treaty Nation in decision-making related to the creation of complete, compact communities?</p>	<p>Annual transportation-related data (vehicle ownership and vehicle kilometres travelled) as well as data that can be used to analyze energy use and emissions related to different building typologies to illustrate, for example, the GHG intensity (kCO₂e/m²/year) of a typical three story wood frame apartment unit vs. a single-family home. Data would be most valuable if disaggregated by municipal boundaries, for example, the District of North Vancouver as separate from the City of North Vancouver.</p>
<p>12. From 2021 to now, has your local government or Modern Treaty Nation taken any action(s) to address climate impacts?</p>	<p>In 2021, the District of North Vancouver planned and implemented multiple actions to address climate impacts and build resilience in the community. For example, the North Shore Sea Level Rise Risk Assessment and Adaptive Management Strategy was finalized by all partners to prepare for a one-meter increase in sea levels by 2100 and a two-metre increase in sea levels by 2200. The strategy identifies proactive, long-term actions that will help create more resilient communities, neighbourhoods, cultural spaces, infrastructure, and manage the financial impact of sea level rise.</p> <p>In 2021, construction began on the Gallant Avenue Storm Sewer Replacement Project to help reduce the risks of flooding in Deep Cove. The existing storm sewer was subject to flooding in 2014 and 2018 and is being replaced due to the increasingly heavy storms. When complete, the new sewer will be able to handle a one-in-200-year flood, help mitigate debris flows and improve water quality and fish habitat in the inlet.</p>
<p>13. Has a climate risk and vulnerability assessment (or similar assessment) been undertaken for your local government or Modern Treaty Nation?</p>	<p>Yes</p>
<p>13.a. Please provide a link to the document (URL).</p>	<p>https://www.dnv.org/sites/default/files/edocs/climate-change-adaptation-strategy.pdf</p>

14. What are the three most significant climate hazards faced by your jurisdiction	"Extreme heat and heat stress", "Wildfire", "Wind, rain, and other storm events", "Ecological, cultural and/or human health impacts (examples of cultural impacts include threats to identities, languages, and livelihoods; examples of ecological impacts include biodiversity loss, erosion, invasive species, ecosystem changes)", "Extreme cold, snow and ice", "Water shortage", "Overland flooding", "Coastal flooding, storm surge events and/or other coastal hazards"
15. Are you responding to this survey on behalf of a Modern Treaty Nation?	No
16. Based on the hazard you indicated as most significant in question 14, as a local government, which groups are most exposed/vulnerable to the impacts of that climate hazard?	"Low-income households", "Indigenous peoples", "Racialized communities", "Newcomers to Canada (immigrants and refugees)", "People experiencing homelessness", "Seniors", "Women and girls"
17. Based on the hazard you indicated as second most significant in question 14, as a local government, which groups are most exposed/vulnerable to the impacts of that climate hazard?	"Low-income households", "Indigenous peoples", "Racialized communities", "Newcomers to Canada (immigrants and refugees)", "People experiencing homelessness", "Seniors", "Women and girls"
18. Based on the hazard you indicated as third most significant in question 14, as a local government, which groups are most exposed/vulnerable to the impacts of that climate hazard?	"Low-income households", "Indigenous peoples", "Racialized communities", "Newcomers to Canada (immigrants and refugees)", "People experiencing homelessness", "Seniors", "Women and girls"
19. Select the top three factors your local government or Modern Treaty Nation needs most to increase the capacity to adapt to climate impacts and build community resilience.	"Increased funding", "More partnerships and collaboration across levels of government", "Increased staff capacity"
20. How does your local government or Modern Treaty Nation ensure equitable access to, and distribution of, climate action opportunities and benefits?	"By collecting and analyzing disaggregated and/or spatial data on the impact of climate actions", "By engaging with equity seeking groups/frontline communities most impacted by climate change", "By designing and implementing climate actions that target the barriers to access and resilience faced by the equity seeking groups/frontline communities most impacted by climate change"
21. Do the climate action plan(s) and priorities of your local government or Modern Treaty Nation align with the climate action plans and priorities of senior levels of government?	"Yes, we align climate action plan(s) and priorities with the federal 2030 Emissions Reduction Plan", "Yes, we align climate action plan(s) and priorities with the provincial CleanBC Roadmap to 2030", "Yes, we assess our plans and priorities for multilevel alignment", "Yes, we collaborate with other communities to align with climate action plans and priorities of senior levels of government"

22. Is your local government a signatory to the B.C. Climate Action Charter or a Modern Treaty Nation?	Yes
23. To demonstrate commitment to climate action, climate investments (i.e., matching funding or in-kind contributions) equivalent to 20% of the provincial funding received are required of local governments and Modern Treaty Nations. The intent is to show past, current, and future investments in climate action and create awareness and education.	"Staff time", "Climate or energy studies and/or assessments", "Climate or energy plans, policies and/or strategy development", "Climate resilient infrastructure and/or capital project(s)"
24. Please provide your (or survey primary contact's) first and last name.	Caroline Jackson
25. Please indicate your (or survey primary contact's) position with your local government or Modern Treaty Nation.	Manager, Climate Action, Natural Systems and Biodiversity
26. Please provide your (or survey primary contact's) business email address.	jacksonc@dnv.org
27. Please provide your (or survey primary contact's) business phone number.	6049902337



Local Government Climate Action Program Attestation Form


Instructions for the Attestor:

1. Complete and sign this form by filling in the fields below.
2. Email the completed and signed form to LGCAP@gov.bc.ca.

I, the Chief Financial Officer, or equivalent position, of the District of North Vancouver (name of local government) confirm the following:

1. That Local Government Climate Action Program funding has been, or will be, allocated to climate action.
2. That if funds are held in reserve, they will be spent by the end of March 2025.
3. That a completed and signed version of this form will be submitted by email to the Climate Action Secretariat, Ministry of Environment and Climate Change Strategy by July 29, 2022.
 - a. If council approval is required, it will be submitted no later than September 30, 2022.
4. That a completed and signed version of this form will be publicly posted by September 30, 2022.
5. That a completed and exported version of the program survey (submitted online) will be publicly posted by September 30, 2022.

Attested to by me at (name of local government) the District of North Vancouver
on (date) July 20 2022

Signature of Attestor: 

Printed Name of Attestor: Rick Danyluk

Title or Profession of Attestor (i.e. Chief Financial Officer or equivalent position): Deputy General Manager Finance, Deputy CFO

Telephone Number of Attestor: 604-992-2352

Email Address of Attestor: danylukr@dnv.org

**Ministry of Environment and
Climate Change Strategy**

Climate Partnerships and
Engagement Branch
Climate Action Secretariat

Mailing Address:
PO Box 9486
Stn Prov Govt
Victoria BC V8W 9W6

Email: env.mail@gov.bc.ca

Website:

[http://www2.gov.bc.ca/gov/content/
environment/climate-change](http://www2.gov.bc.ca/gov/content/environment/climate-change)