



Local Government Climate Action Program Survey Submission Report

North Cowichan

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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.	First edition 2013 - latest edition January 2022
1.b. Include a link to the document (URL) or webpage.	https://www.northcowichan.ca/EN/main/departments/environmental-services/climate-action-and-energy-plan.html
2. For the calendar year 2021, did your local government or Modern Treaty Nation measure and publicly disclose corporate greenhouse gas (GHG) emissions?	Corporate emissions are measured , but were only made public via business plans presented to council in 2021 (CARIP reports on website in the past)
3. For calendar year 2021, did your local government or Modern Treaty Nation measure and publicly disclose a community-wide emissions inventory?	Yes, we do our own community-wide emissions inventory
3.a. What year is the data from?	2016-2019

3.b. How frequently is data collected (i.e., every 5 years)?	Every 5 years but includes annual data for each year
3.c. What methodology is used (e.g. consumption based)?	GPC
3.d. Include a link to the document (URL) or webpage where it is disclosed.	https://www.northcowichan.ca/EN/main/departments/environmental-services/climate-action-and-energy-plan.html
3.e. What are your total community-wide emissions (in tCO ₂ e)?	339000
3.f. What are the sectoral emissions from energy use in buildings (in tCO ₂ e)?	29276
3.g. What are the sectoral emissions from energy use in transportation (in tCO ₂ e)?	115861
3.h. What are the sectoral emissions from methane at landfills (in tCO ₂ e)?	0
3.i. What are the indirect emissions from electricity used in the community (in tCO ₂ e)?	1895
3.j. What is the energy use from electricity (in kWh)?	1100000000

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).	80% reduction by 2050 (compared to 2007 levels)
4.b. Please provide the target year.	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.northcowichan.ca/EN/main/departments/environmental-services/climate-action-and-energy-plan.html
5. Describe up to four climate initiatives, and their outcomes, your local government or Modern Treaty Nation is currently undertaking for Buildings	<ol style="list-style-type: none"> 1. Participation in Better Homes BC Program - Energy efficiency and fuel switching in existing housing stock- 50% energy reduction in existing buildings by 2040. 2. Participation with BC Energy Step Code - Improve energy efficiency improvements in new housing stock so that all new housing is net zero beyond 2030 3. All Civic Facilities to be Net Zero emissions by 2030
6. Describe up to four climate initiatives, and their outcomes, your local government or Modern Treaty Nation is currently undertaking for Transportation	<ol style="list-style-type: none"> 1. Aiming for entire municipal Fleet to be Net Zero by 2030 - Working on municipal EV conversion plan in 2022. 2. Enhance transit service to increase transit mode share to 25% by 2050 3. Electrify 100% of transit 4. Increase active transportation through capital works.
7. Describe up to four climate initiatives, and their outcomes, your local government or Modern Treaty Nation is currently undertaking for Community	<p>Updating OCP in 2022/2023</p> <p>Completed an update to climate action plan in 2022</p> <p>Integrating natural assets into asset management</p> <p>District Energy Feasibility assessment in 2022/2023</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>Assessing city's water system infrastructure and source water stability Climate Risk and Vulnerability Study - 2022/2023 Biodiversity Protection Policy - 2022 Integrating natural assets into the Asset management program</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>OCP update is currently in its final phases of public consultation but includes:</p> <p>FOCUS GROWTH AND DEVELOPMENT... in established centres strengthening our communities while maintaining individual character. Liveable, compact, complete communities will preserve natural and rural areas and encourage climate-friendly and active ways to move around. Land development will occur in a low-impact, site adapted manner integrating natural features and ecological systems. Target: 75% of new residential units will be in growth centres.</p> <p>Key elements of the new land use plan include:</p> <ul style="list-style-type: none"> o A revised UCB which concentrates growth and development in areas with adequate infrastructure capacity for development providing a mix of housing types that meet the needs of residents. o A policy context for residential and rural residential neighbourhoods (including Maple Bay village) which accommodates site-specific zoning proposals for small commercial or service uses that contribute to liveability and walkability. o A mix of commercial, employment, industrial lands that contribute to the economic well-being of citizens. o Parks, open space, civic, agricultural and natural areas that promote social and environmental well-being. o Well-connected networks that promote active transportation and access to transit.
<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>See above - additionally see below (2022 Draft OCP)</p> <p>ENCOURAGE AND ENABLE A DIVERSE MIX OF HOUSING TYPES, TENURES AND LEVELS OF AFFORDABILITY... to accommodate the needs of the community. Target: Increase the number of purpose-built rental units by 20%. Target: New housing units approved and built will be a mix of less than 30% detached and more than 70% attached.</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>Metrics around healthcare and community safety outcomes in relation to active transportation, General metrics around embodied emissions.</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>Invasive plant management program - protect biodiversity and human health Flood Mapping for the chemainus and Cowichan Rivers Surface water quality sampling and flow augmentation in creeks and streams Community Wildfire prevention planning Installation of Vegetated Stormwater detention ponds and constructed wetlands</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>No, but we are intending to undertake one in the next two years</p>
<p>14. What are the three most significant climate hazards faced by your jurisdiction</p>	<p>"Wind, rain, and other storm events", "Overland flooding", "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 heat and heat stress", "Wildfire", "Coastal flooding, storm surge events and/or other coastal hazards", "Water shortage", "Extreme cold, snow and ice"</p>
<p>15. Are you responding to this survey on behalf of a Modern Treaty Nation?</p>	<p>No</p>
<p>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?</p>	<p>"Low-income households", "Indigenous peoples", "Women and girls"</p>
<p>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?</p>	<p>"Low-income households", "Indigenous peoples", "Racialized communities"</p>
<p>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?</p>	<p>"Indigenous peoples"</p>

<p>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.</p>	<p>"Increased funding", "More partnerships and collaboration across levels of government", "Increased staff capacity"</p>
<p>20. How does your local government or Modern Treaty Nation ensure equitable access to, and distribution of, climate action opportunities and benefits?</p>	<p>"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"</p>
<p>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?</p>	<p>"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"</p>
<p>22. Is your local government a signatory to the B.C. Climate Action Charter or a Modern Treaty Nation?</p>	<p>Yes</p>
<p>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.</p>	<p>"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)"</p>
<p>24. Please provide your (or survey primary contact's) first and last name.</p>	<p>Shaun Chadburn</p>
<p>25. Please indicate your (or survey primary contact's) position with your local government or Modern Treaty Nation.</p>	<p>Environmental Programs Coordinator</p>

26. Please provide your (or survey primary contact's) business email address.	shaun.chadburn@northcowichan.ca
27. Please provide your (or survey primary contact's) business phone number.	2507463138



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 Municipality of North Cowichan (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) Municipality of North Cowichan
on (date) July 14 2022

Signature of Attestor:

Printed Name of Attestor:

Talitha Soldera

Title or Profession of Attestor (i.e. Chief Financial Officer or equivalent position):
Director, Financial Services

Telephone Number of Attestor:

250.746.3197

Email Address of Attestor:

Talitha.Soldera@northcowichan.ca

**Ministry of Environment and
Climate Change Strategy**

Climate Partnerships and
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Climate Action Secretariat

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