



**CLIMATE ACTION COMMITTEE MEETING
OF THE VILLAGE OF LIONS BAY
HELD ON MONDAY, March 27, 2023 at 7:00 PM
COUNCIL CHAMBERS, 400 CENTRE ROAD, LIONS BAY**

JOIN VIA ZOOM VIDEO CONFERENCE: Link <https://us02web.zoom.us/j/81465794396>
JOIN BY PHONE, DIAL 778 907 2071 and enter ID: 814 6579 4396

AGENDA

1. Call to Order
2. Appointment of Recorder and round table introductions
3. Approval of the Agenda
THAT the agenda be adopted as submitted.
4. Public Questions & Comments
5. Approval of Minutes
N/A
6. Business Arising from the Minutes
N/A
7. Unfinished Business

Prioritise past CAC initiatives

- Terms of reference for CAC – review
- Disaster Mitigation Adaption Fund - review
- Resident Survey – not started
- Climate Action Plan – model off existing, needs to be updated
- Natural Asset Inventory - review
- Climate Action Tool Kit - define
- OCP Amendment and associated targets – review/update
- Renewable Diesel for yard trucks – review
- Transfer Station – materials WCS won't pick up - review
- Solar panel on Municipal buildings – budget produced - review
- EV charger initiative and status – resolution in place, grant application pending, no new grants available - reveiw
- Food truck power – scope effort

- Beach Event power – scope effort
- Baseline Village data – Brightspot GHG report for municipal hall, need complete emissions profile for village. Do we need to go back to another consultant or can we get input from public works? Request feedback from public works manager on baseline emissions data. – review
- Carib Report – no longer a requirement. – review
- Village actions to date – request staff report at March 17, 2023 RCM meeting
 - Recent equipment RFPs list R100 compatibility requirements
 - Fleet replacement policy include electrification over ICE replacement.
 - Get update on purchasing policy from staff
 - Budget in place for EV station opportunity
- Communication/Education – review
 - Invite bird committee
 - Invite hydro
 - Subject matter experts – Anthony G could do presentation for CAC on source water protection plan.
- Finance/Funding – review
- Source water protection plan (watershed protection plan)
 - To maintain filtration avoidance
- Many stakeholders
 - ii. Long term protection and viability of potable water
 - iii. Filtration system costs
- OCP Amendment and Associated Targets – review
- Resident Survey – review
- 8. New Business**
- 9. Correspondence**
- 10. Public Questions & Comments**
- 11. Adjournment**
- 12. Next Meeting - TBD**



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Type	CAC term end report		
Title	Climate Action Committee Report		
Author	Norman Barmeier	Reviewed By:	
Date	March 13, 2023	Version	0
Issued for	March 17, 2023 – Regular Council Meeting		

Background:

The CAC was initiated in May 2021 and met on a regular basis to move climate action initiatives forward. The final report is meant to summarize the work done over the last 2 years to provide the next CAC with a starting point.

Tentatively the first CAC is schedule for March 23rd, 2023 at which point the committee will re-prioritize initiatives and identify any funding requirements.

Initial strategic goals:

1. Terms of reference for CAC - completed
2. Climate Emergency Declaration – completed
3. Resident Survey – not started
4. Climate Action Plan – model off existing, needs to be updated
5. Natural Asset Inventory - started
6. Climate Action Tool Kit - define
7. OCP Amendment and associated targets – review/update
8. Renewable Diesel for yard trucks – in current RFPs
9. Transfer Station – materials WCS won't pick up
10. Solar panel on Municipal buildings – budget produced
11. EV charger initiative and status – resolution in place, grant application pending, no new grants available
12. Food truck power – scope effort
13. Beach Event power – scope effort
14. Baseline Village data – Brightspot GHG report for municipal hall, need complete emissions profile for village. Do we need to go back to another consultant or can we get



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- input from public works? Request feedback from public works manager on baseline emissions data.
15. Carib Report – no longer a requirement.
 16. Village actions to date – request staff report at March 17, 2023 RCM meeting
 - a. Recent equipment RFPs list R100 compatibility requirements
 - b. Fleet replacement policy include electrification over ICE replacement.
 - c. Get update on purchasing policy from staff
 - d. Budget in place for EV station opportunity
 17. Small community energy efficiency upgrade grant/loans – pulled together data for green communities grant for hall diesel replacement, failed on budget.
 18. Infrastructure improvements – look at all new capital projects with a green lens – this will be captured by purchasing policy.
 19. Communication/Education – no tangible progress
 - a. Invite bird committee
 - b. Invite hydro
 - c. Subject matter experts – Anthony G could do presentation for CAC on source water protection plan.
 20. Finance/Funding – 25K budgeted for grant opportunity
 21. **Source water protection plan** (watershed protection plan)
 - a. To maintain filtration avoidance
 - i. Many stakeholders
 - ii. Long term protection and viability of potable water
 - iii. Filtration system costs

Past meeting calendar:

Meeting no.	Meeting date.	Topic
1	March 31, 2021	Initial meeting
2	May 13, 2021	Help Cities lead
3	May 21, 2021	General
4	June 2, 2021	Emergency declaration
5	June 23, 2021	EV support



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6	July 6, 2021	Various
7	July 28, 2021	Metro presentation
8	August 25, 2021	Anti idling, green procurement strategy
9	October 12, 2021	Procurement POL-2002 recommendation to council
10	November 22, 2021	Solar panel and strategic budget recommendations to council
11	February 8, 2022	ICIP - CleanBC communities fund kick off.
12	March 2, 2022	ICIP - CleanBC communities fund work plan
13	April 11, 2022	Various updates
14	September 15, 2022	Road map - Community Climate Action Plan development
15	September 21, 2022	Year end report

Summary of Recommendations made to council can be found in Appendix A.

Key recommendations made to council included a formal declaration of a climate emergency, investigation into R100 diesel for current diesel powered equipment, support for EV charging infrastructure, and pursuit of a grant to replace the oil furnace with a heat pump.

Summary of Reports and Investigation work completed can be found in Appendix B.

Key reports completed by committee members include:

1. EV charging infrastructure
2. R100 diesel replacement



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3. Solar power at the hall
4. Cost estimate to replace oil furnace with heat pump
5. Natural Assent Inventory
6. Pellet Stove for back-up heat in hall
7. etc.

Appendix A - recommendations to council:

On April 8, 2021 the CAC resolved to make the following recommendation to council which was adopted at the April 13th, 2021 regular council meeting:

WHEREAS the Intergovernmental Panel on Climate Change has recommended emissions reduction targets of 45 percent below 2010 levels by 2030 and 100 percent below 2010 levels by 2050 in order to limit global warming to no more than 1.5 C above pre-industrial levels;

AND WHEREAS these emissions reduction targets are not being met at the national, provincial or local level in Canada and Canadians have some of the highest per capita emissions worldwide;

AND WHEREAS the most recent scientific evidence indicates that climate change is accelerating and increasing in severity and extent, including in Canada;

AND WHEREAS the impacts of climate change will continue to be felt in communities across Canada, including Lions Bay, and significant emission reductions are required to minimize these impacts;

AND WHEREAS Lions Bay is already facing significant costs to deal with the impacts of climate change, including sea-level rise, stormwater and water management, and forest fires;

AND WHEREAS District of West Vancouver, District of Squamish, Islands Trust, Bowen Island Municipality, District of North Vancouver, City of Vancouver, City of Richmond, New Westminster, Port Moody and the City of North Vancouver and many more jurisdictions around the world have recently declared or officially acknowledged the existence of a global climate emergency;



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AND WHEREAS the oxford definition of climate emergency adopted in 2019 is a situation in which urgent action is required to reduce or halt climate change and avoid potentially irreversible environmental damage resulting from it;

At the June 2nd, 2021 CAC meeting the CAC resolved the following recommendation to council which was adopted at the June 15th regular council meeting:

THAT the Climate Action Committee recommends to Council THAT Council supports the Help Cities Lead campaign and THAT Council directs staff to provide a letter of endorsement on behalf of Council for the campaign.

At the June 23rd, 2021 CAC meeting the CAC resolved to request staff time to support the ICIP community hall grant from council which was approved at the July 6th regular council meeting:

Supporting documentation:

Information reports for each strategic initiative can be provided to council upon request and are already part of the public record. The committee will refine each strategic initiative report as it progresses the initiative and present to council as part of a report or recommendation.