

Sustainability Committee Meeting Agenda

Thursday, June 09, 2022 – 6:30 p.m.

Council Chamber, 10 Allée Champlain Drive, Cookville, NS
Virtual Microsoft Teams meeting

1. Call To Order

1.1. Mi'kma'ki Territorial Acknowledgement

2. Review of Procedure for Public to Address the Committee – Chairperson (below)

3. Approval of Agenda (any other items to be added)

4. Business Arising from Minutes

5. New Businesses

5.1. Presentation from Abhi on

a) Community Emissions Reduction Target

b) Local Climate Change Action Plan's Final List of Action Items

5.2. Notification about Environmental Youth Leadership Summer Program in August 22-24

(Coastal Action)

6. Added Items

7. In Camera

8. Next Meeting

8.1. Date: July 14, 2022

9. Adjournment

Procedure for Addressing the Committee

An opportunity will be provided to all citizens to address the Committee on each agenda item shown on this Agenda or added to the Agenda by the Committee. Individuals who wish to address the Committee are asked to note the following:

- On each matter on the Committee's Agenda, the Chair will seek public comment upon the completion of staff's presentation.
- Each person shall state their name.
- All statements and questions shall be directed to the Chairperson.
- Presentations shall be limited to 10 minutes. Persons wishing to address the Committee a second time will be given opportunity to do so once all others in attendance have had the opportunity to address the Committee. Persons addressing the Committee for a second time shall limit their presentations to 5 minutes.

Anyone wishing to address the Committee on a matter not included on this Agenda can have the matter added to the next meeting's Agenda by contacting Abhi Jain, Sustainability Planner at (902) 541-5303 or by email at abhi.jain@modl.ca



Municipality of the District of Lunenburg

Report to Sustainability Committee

Report to: Sustainability Committee
Submitted by: Abhi Jain, Sustainability Planner
Date: June 9, 2022
Re: Community Greenhouse Gas Emissions Reduction Target and Local Climate Change Action Plan's Final List of Action Items

RECOMMENDATION

That the Sustainability Committee recommend the Municipal Council to:

"Set a community greenhouse gas emissions reduction target of 30% below the 2019 baseline emissions level by 2030, 65% below the 2019 baseline emissions by 2040, and achieve net-zero greenhouse gas emissions by 2050"

AND

"Approve the final list of action items of Local Climate Change Action Plan as presented"

EXECUTIVE SUMMARY

The Municipality of the District of Lunenburg declared a climate emergency and joined the Federation of Canadian Municipalities' Partners for Climate Protection (PCP) in 2019. The Municipality committed to navigate the PCP 5-milestone framework by developing and implementing a Local Climate Change Action Plan (LCCAP). This report concerns the 2nd and 3rd milestones of the PCP program: setting community emissions reduction target and approving the list of action items for the LCCAP.

Based on the energy modeling of the proposed action items, it is assessed that a reduction of 18% in total community emissions will be achieved in 'Business As Usual' scenario and more than 12% of emissions reductions can be achieved through implementing the proposed actions summarized in the Table-2 below. The staff recommends that the Committee recommend Municipal Council to set a community greenhouse gas emissions reduction target of 30% below the 2019 baseline emissions level by 2030, 65% below the 2019 baseline emissions by 2040, and achieve net-zero greenhouse gas emissions by 2050. To achieve the set target, the staff recommends that the Sustainability Committee recommend the Municipal Council to approve the final list of action items of LCCAP as presented in Table-2 below.

DISCUSSION

PCP program, from ICLEI—Local Governments for Sustainability (ICLEI Canada) and the Federation of Canadian Municipalities, consists of a 5-milestone framework that helps municipality act against climate change by reducing emissions in the municipality and building climate resilient communities. The 5-milestones are as follows:



Milestone 1
Baseline Emissions
Inventory



Milestone 2
Emissions Reduction
Target



Milestone 3
Local Climate Change
Action Plan



Milestone 4
Implement the Plan



Milestone 5
Monitor Progress

Milestone 1 requires municipalities to conduct an inventory and establish a greenhouse gases (GHGs) emissions baseline. MODL achieved its Milestone 1 by creating a community and corporate baseline emissions inventory for the year 2019. A community inventory includes buildings (residential, institutional, commercial, industrial), transportation, and solid waste sectors. A corporate inventory includes municipal buildings, fleet, street lighting, water and wastewater treatment, and corporate solid waste. In 2020 MODL also achieved Milestone 2 for the corporate sector by setting a corporate emissions reduction target of 40% emissions reduction below the 2019 baseline by 2030. Table-1 below captures MODL’s GHG emissions profile and its status.

Table 1 - Municipality of the District of Lunenburg GHG Emissions Profile		
Community Emissions		
Baseline Emissions (2019)	GHG Emissions Reduction Target	Expected Annual Emissions by 2030
314,346 tonnes CO ₂ e per year	To be decided by June 2022	To be estimated by June 2022
Corporate Emissions		
Baseline Emissions (2019)	GHG Emissions Reduction Target	Expected Annual Emissions by 2030
1,190 tonnes CO ₂ e per year	40%	714 tonnes CO ₂ e per year

As part of Milestone 3 for the corporate sector, the Municipal Council has already approved the list of actions needed to achieve the 40% emissions reduction target. This report concerns Milestone 2: community emissions reduction target, and Milestone 3: Local Climate Change Action Plan.

Milestone 2: Community Emissions Reduction Target

For PCP recognition of Milestone 2, there are three formal requirements:

- The target must clearly state whether it is for community or corporate emissions.
- The target must be an overall GHG reduction target in the form: % reduction from base year by target year
- The target must be adopted by council resolution

Staff recommends that Council “set a community greenhouse gas emissions reduction target of 30% below the 2019 baseline emissions level by 2030, 65% below the 2019 baseline emissions by 2040, and achieve net-zero greenhouse gas emissions by 2050”

Target setting methodology

There are two primary methods of setting GHG targets, top-down and bottom-up, referring to the order in which the target and actions are developed. These methods are sometimes described as aspirational or pragmatic. Image 1 below shows the associated advantages and disadvantages for each method.

Top-down target setting implies that the target is chosen first and action planning and analysis occurs later. This method of target setting is sometimes referred to as aspirational or visionary. Top-down targets are usually based on targets established by other orders of government or recommended by other organizations. The most notable example is a dominant interpretation of what the Intergovernmental Panel on Climate Change (IPCC) indicates is necessary to stabilize the climate: “emissions reduction from 1990 levels of approximately 30 per cent by 2030 and approximately 80 per cent by 2050.”



Image 1: Target setting methods and associated advantages and disadvantages

Bottom-up targets are selected after assessing the GHG reduction potential of various actions. Selected actions are analyzed to determine their impact on emissions by the target year. The level of analysis depends on the amount of detail, the scope of actions, and the available resources. The community sets its reduction target based on the actions it expects to implement.

MODL Approach:

Staff considered combination of both the methods to recommend a community emissions reduction target. In this way, both top-down and bottom-up aspects were considered, to ensure the recommended target is aspirational but at the same time realistic and achievable. Image 2 below shows the MODL approach and the associated considerations for top-down and bottom-up methods.

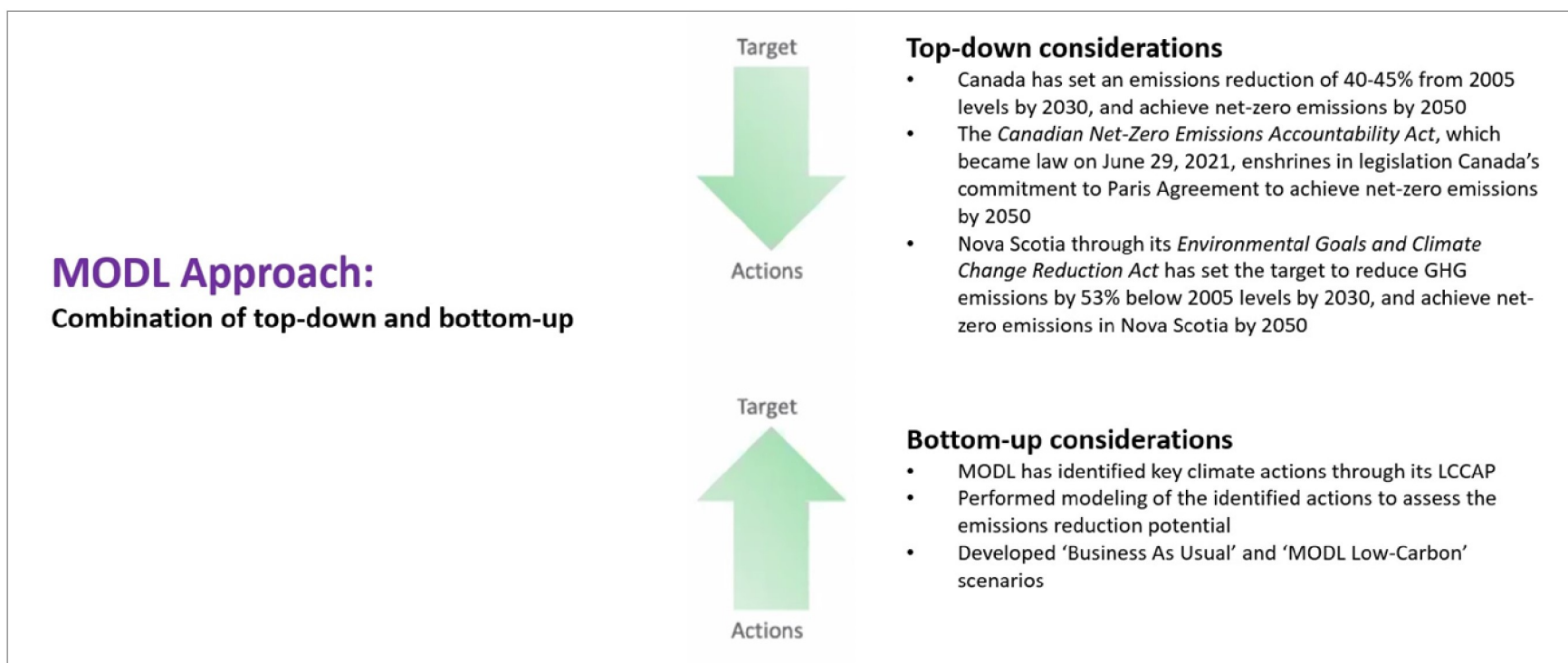


Image 2: MODL approach in setting community emission reduction target

Top-down considerations:

At Federal level, in 2015, Canada signed the Paris Agreement, a legally binding international treaty on climate change. The goal of the agreement is to limit global warming to well below 2°C compared to pre-industrial levels, and to pursue efforts to limit the increase to 1.5°C, recognizing that this will significantly reduce the risks and impacts of climate change. Canada has set an emissions reduction of 40-45% below 2005 levels by 2030 and achieve net-zero emissions by 2050. This is also a first time when Canada's emissions reduction target is enshrined in law. *Canadian Net-Zero Emissions Accountability Act*, which became law on June 29, 2021, enshrines in legislation Canada's commitment to Paris Agreement to achieve net-zero emissions by 2050. In 2022, Canada released its plan for achieving its target: '2030 Emissions Reduction Plan: Canada's Next Steps for Clean Air and a Strong Economy'.

At Provincial level, Nova Scotia through its *Environmental Goals and Climate Change Reduction Act*, has set the target to reduce GHG emissions by 53% below 2005 levels by 2030 and achieve net-zero emissions in Nova Scotia by 2050.

At Municipal level, staff has recommended that Municipal Council set a community emissions reduction target of 30% below the 2019 baseline emissions level by 2030, 65% below the 2019 baseline emissions by 2040, and achieve net-zero greenhouse gas emissions by 2050.

This target is in alignment with:

- Federal and Provincial emission reduction targets
- International efforts to limit global temperature rise to 1.5°C

Bottom-up considerations:

MODL has prepared a draft list of actions as part of its LCCAP to reduce its community GHG emissions and increase climate resilience. The identified actions were assessed for its GHG reduction potential and determine their impact on emissions reduction by 2030. Two modeling scenarios were created: 'Business As Usual' scenario and 'MODL Low-Carbon' scenario.

'**Business As Usual**' scenario assesses the impact on emissions reduction when Municipality does not act at all. It is estimated that the Community GHG emissions will reduce by 18% below 2019 baseline level by 2030. This is primarily achieved from Nova Scotia Power (NSP) grid becoming cleaner over time. The data used for the analysis is accessed from Natural Resources Canada (NRCan) and Canada Energy Regulator (CER). It is projected that the NSP grid's intensity of 720 grams of CO₂e per kWh in 2019 will reduce to 431 grams of

CO₂e per kWh by 2030. For population data, in house population projection was performed by staff and it is expected that MODL's population will change from 25,545 in 2021 to 26,600 in 2030.

'**MODL Low-Carbon**' scenario assesses the identified actions in draft LCCAP for its impact on community GHG emissions reduction by 2030. Selected actions are analyzed to determine their impact on emissions by the target year. Running forecast, it is estimated that by implementing key action items such as Clean Energy Financing (CEF) program expansion, large scale renewable energy project, solid waste management, and community members switching to electric vehicles, municipality can achieve additional 12% emissions reduction from Business As Usual scenario by 2030, leading to a total reduction of 30% below 2019 levels by 2030.

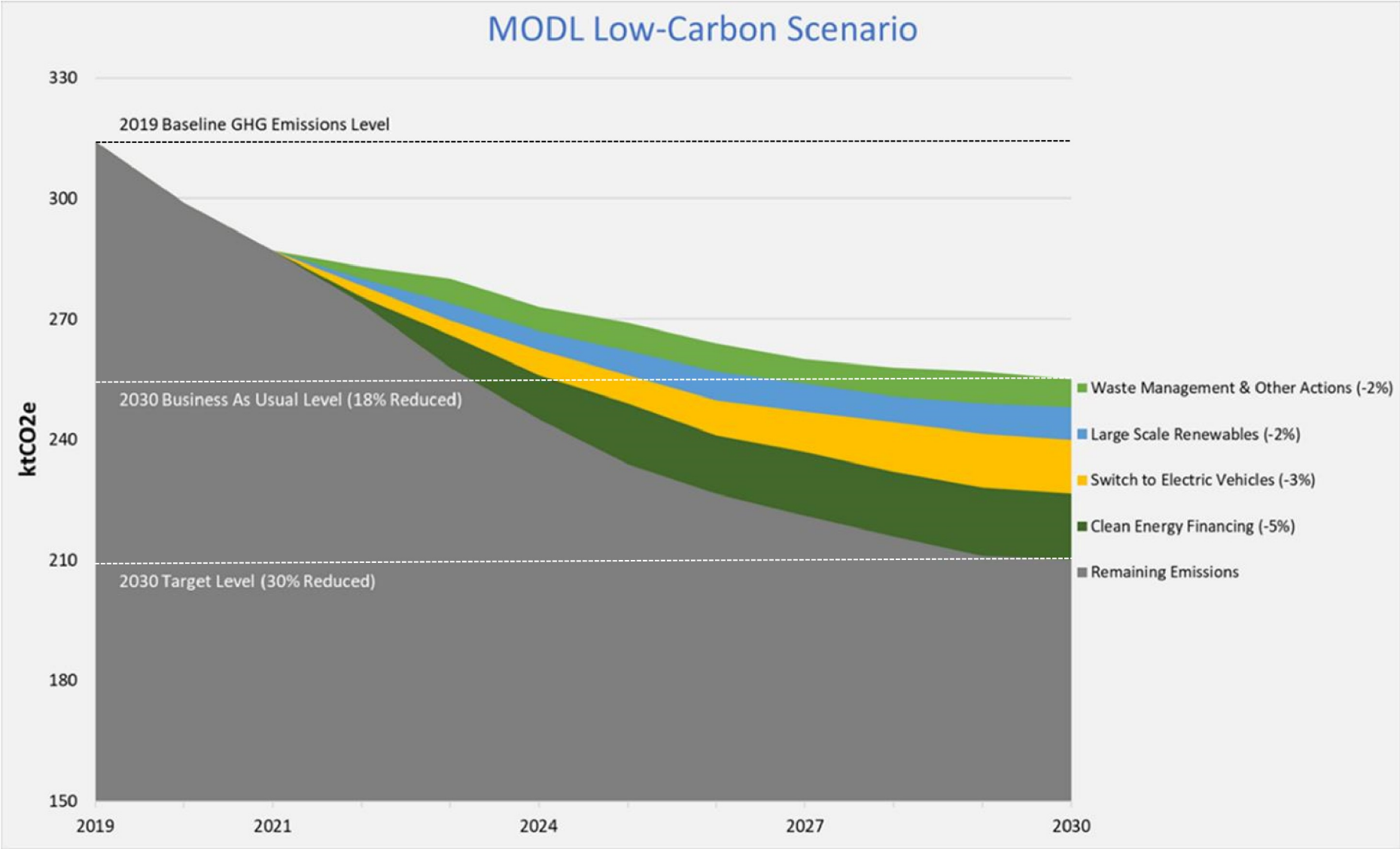
The Graph-1 below shows the 'MODL Low-Carbon' scenario with baseline as well as target emissions level highlighted.

Emissions Reduction Targets of other Canadian Jurisdictions:

To make a better-informed decision, staff conducted jurisdictional scan to assess what other Canadian jurisdictions have set 2030 emissions reduction targets in the past 5 years, respectively. Graph-2 shows the various governments in Canada and their respective 2030 emissions reduction targets. Over the past 5 years, adopted emissions reduction target have ranged between 20% and 75%; the trend over time, illustrated by blue dotted trend line, has been towards adopting increasingly ambitious targets. These targets are informative; however, staff recommends that the target should be set understanding Municipality's capacity, rural geographics, demographics, factors outside of MODL's control such as NSP grid's carbon intensity.

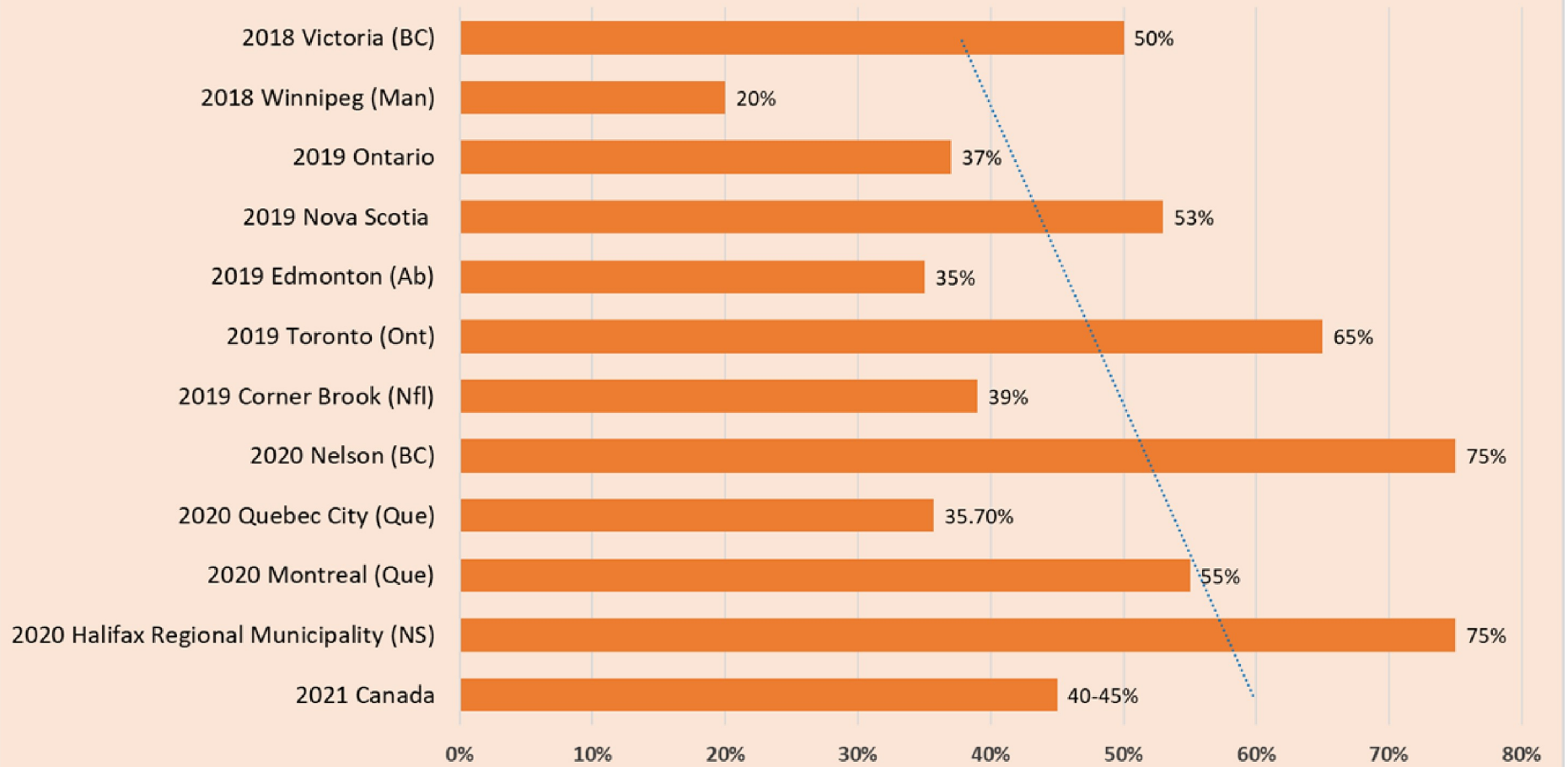
Proposed Target

The staff recommends that the target should be both ambitious as well as achievable, and the Municipal Council set a community emissions reduction target of 30% below the 2019 baseline emissions level by 2030, 65% below the 2019 baseline emissions by 2040, and achieve net-zero greenhouse gas emissions by 2050.



Graph-1 MODL Low-Carbon Scenario

2030 Emissions Reduction Targets of Canadian Jurisdictions



Graph-2 Emissions Reduction Targets of Canadian Jurisdictions

Milestone 3 – Local Climate Change Action Plan

MODL is currently developing a Local Climate Change Action Plan (LCCAP), a 10-year plan that will set the direction for reducing local greenhouse gas (GHG) emissions and supporting a climate resilient, healthier, and lower-carbon future. The draft plan has identified 10 Main Categories and several key action items. Table 2 below shows the final list of LCCAP’s action items.

Public engagement for LCCAP was conducted to gather community feedback on the proposed climate actions in a variety of ways including online community engagement survey, two virtual engagement sessions, a discussion forum on EngageMODL project site, and internal and external stakeholder presentations. The feedback was incorporated in assigning LCCAP Priorities for the respective items. LCCAP prioritization framework was designed to prioritize the action items based on four key factors: GHG Emissions Reduction Potential, Public Support, Ease of Implementation, and Municipal Financial Impact. Appendix A – ‘LCCAP Actions Prioritization Framework’ attached to this report below includes the detailed information on the framework, values computed, and how the priorities were assigned to the respective action items.

The staff recommends approving the final list of action items as presented in Table-2 below.

Table 2 - Local Climate Change Action Plan's Final List of Action Items

	S. No.	Main Categories and Proposed Action Items	Goals and Targets	LCCAP Priority	Key Areas	Lead Department	Investment
Mitigation	Category 1 Energy Efficient Homes and Buildings						
	1A	Clean Energy Financing (expansion and promotion)	Retrofit up to 1,400 homes by 2030	High	Financial	Planning	\$\$\$
	1B	Energy efficiency standards for new construction	Adopt higher tiered efficiency standards from National Building Code of Canada 2020	Medium	Bylaw/MODL 2040	Planning	\$
	1C	Commercial energy efficiency retrofits	Promote EfficiencyNS's commercial retrofit programs	Low	Education	Planning	\$
	Category 2 Low-Carbon Transportation						
	2A	Electric vehicles charging infrastructure	Conduct feasibility study to install more electric vehicles public charging stations	High	Financial	Planning & Engineering	\$\$\$
	2B	Electric vehicles promotion and education	Develop educational programs to support and promote transition to electric vehicles	Low	Education	Planning	\$\$
	2C	Anti-idling policy	Create an anti-idling policy for the municipality	Medium	Bylaw/MODL 2040	Planning	\$
	2D	Carshare program	Conduct feasibility study for relevant carshare program options	Low	Program	Planning	\$\$
	2E	Bikeshare program	Conduct feasibility study for relevant bikeshare program options	Low	Program	Planning	\$\$
	2F	Public transit service	Expand MODL public transit services	Low	Financial	Planning & Economic	\$\$\$
	2G	Active transportation strategy	Support cycling and pedestrian friendly infrastructure	Low	Financial	Planning & Recreation	\$\$
	Category 3 Waste Reduction, Recycling and Composting						
	3A	Waste management and educational programs	Develop waste management and educational programs to reduce annual solid waste disposal rate to below 300kg/person from current 487kg/person by 2030	High	Education	Region 6 & MJSB	\$
3B	Join in bring your own promotion and subsidy	Launch 'Join In Bring Your Own' program to reduce single use plastics	High	Program	Region 6 & MJSB	\$	
Category 4 Renewable Energy Generation							
4A	Community renewable energy project	Conduct feasibility study to develop up to 5MW renewable energy generation project (wind, hydro or solar).	High	Financial	Economic	\$\$\$	
Category 5 Natural Environment Protection and Conservation							
5A	Tree planting program	Plant up to 10,000 trees by 2030	High	Program	Recreation	\$	
5B	Land conservation	Purchase and/or accept land donations, as well as assess other mechanisms such as conservation easements, to protect or conserve by 2030 up to 20% of the identified land and water mass in the Municipality that contains rare species, critical water resources, watersheds, wetlands, or other vital natural ecosystems; Research and study to assess what land needs to be protected or conserved	Low	Financial	Planning, Recreation, & Economic	\$\$	
5C	Annual No Mow May event	Launch the no mow may event every year	Medium	Advocacy	Planning & Recreation	\$	
Category 6 Sustainable Land Use Planning							
6A	Mixed land use bylaw development	Develop land use bylaws to support sustainable development by reducing sprawl & energy consumption	Medium	Bylaw/MODL 2040	Planning	\$	
Category 7 Food Security							
7A	Community vegetable garden	Build community vegetable garden as part of Community Hub	Low	Program	Economic	\$	
7B	Food security programs	Investigate and develop local food security programs or strategy to improve access to and increase production of local food to achieve 20% consumption of local food by 2030	Medium	Program	Planning	\$	
Category 8 Emergency Preparedness and Response							
8A	Dry hydrants	Restore and install more dry hydrants in the Municipality to ensure availability of adequate water resources during fire related emergencies	Low	Financial	Fire	\$\$	
8B	Education on the impacts of climate change	Develop programs to provide education on emergency events preparedness and response	High	Education	REMO	\$	
Category 9 Community Engagement							
Capacity Building	9A	Community pledges	Initiate community pledges to enable community members to pledge to reduce emissions at individual level	Low	Advocacy	Planning & Recreation	\$
	9B	Youth engagement	Partner with local schools, institutions, or organizations to support youth engagement for climate action	Low	Advocacy	Planning & Recreation	\$
	9C	Region-wide climate working group	Form a region-wide climate working group	Medium	Advocacy	Planning & Recreation	\$
	9D	MODL environmental and resilience champion award	Launch the award to honor individual, businesses, and community groups for their contribution towards climate action	Low	Program	Planning	\$
Category 10 Research and Innovation							
Evolution	10A	Advance research and innovation	Support research & technological innovations to address climate change	Low	Financial	Planning	\$\$

Legend	
Investment	
\$	less than \$10,000
\$\$	\$10,000 - \$100,000
\$\$\$	more than \$100,000

FINANCIAL IMPLICATIONS

There are no financial implications to the first motion: community emissions reduction target contained on page 1 of this report.

In regard to the second motion: approving the final list of action items (motion on page 1), financial implications of the respective action items are shown in the Investment column of Table-2 above. A preliminary five-year financial plan (2022-2026) for implementing the LCCAP’s capital projects/actions is presented below.

*Preliminary financial plan provides high-level cost estimates and does not identify funding from other levels of government or personnel implications (i.e., staff resources to support plan’s implementation). Through the municipal budget process, business cases will be prepared for specific actions at the time of implementation, which will provide an opportunity to evaluate these actions with the most up-to-date costs, resource requirements, available grants, and other identified funding sources, to allow Municipal Council to make an informed decision.

Local Climate Change Action Plan (LCCAP) - Preliminary 5-year Financial Plan (2022-2026)*									
Action Item No.	LCCAP Priority	Funded Action Items (included in Municipal budget)	Budget Type		2022	2023	2024	2025	2026
			Operating	Capital					
1A	High	Clean Energy Financing (expansion and promotion)		✓	\$200,000				
2A	High	Electric vehicles charging infrastructure study		✓	\$25,000				
Total Funded Action Items:					\$225,000				
Action Item No.	LCCAP Priority	Unfunded Proposed Action Items (not included in Municipal budget yet)	Budget Type		2022	2023	2024	2025	2026
			Operating	Capital					
1A	High	Clean Energy Financing (expansion and promotion)		✓		\$500,000	\$1,000,000	\$2,000,000	\$3,000,000
2D	Low	Carshare program feasibility study		✓		\$25,000			
2F	Low	Public transit service		✓		\$125,000	\$100,000		
5B	Low	Land conservation study		✓				\$50,000	
8A	Low	Dry hydrants		✓			\$15,000	\$15,000	\$15,000
Total Unfunded Proposed Action Items:					\$0	\$650,000	\$1,115,000	\$2,065,000	\$3,015,000
Change in Funding Requirement Over Prior Year:					-	\$650,000	\$465,000	\$950,000	\$950,000

ALTERNATIVES

In regard to setting community emissions reduction target, the Sustainability Committee has the following alternative options to choose from:

- Direct staff to revise the emissions reduction target; or
- Recommend to the Council an emissions reduction target other than the one recommended by staff; or

In regard to approving the LCCAP's final list of action items, the Sustainability Committee has the following alternative options to choose from:

- Direct staff to revise the action items lists; or
- Recommend to the Council with suggested changes to the final list of action items as necessary

CONCLUSION

LCCAP plays a crucial role in guiding MODL towards a climate resilient, healthier, and low-carbon future. Setting a community emissions reduction target will suffice the requirements of PCP milestone 2 and will facilitate the monitoring of progress towards reducing GHG emissions in the municipality. Further, approving the final list of action items will allow the municipality to act on climate crisis, achieve its emissions reduction target, transition to a green economy, strengthen its climate resilience, and foster sustainability. The staff recommend that Sustainability Committee recommends to the Council to set a community greenhouse gas emissions reduction target of 30% below the 2019 baseline emissions level by 2030, 65% below the 2019 baseline emissions by 2040, and achieve net-zero greenhouse gas emissions by 2050; and approve the final list of action items as presented in Table 2 of this report.

NEXT STEPS

- **June 28, 2022:** Council reviews Sustainability Committee's recommendations and approve a community emissions reduction target and final list of action items
- **July 14, 2022:** Sustainability Committee reviews and make recommendations to the Council to approve final LCCAP
- **July 26, 2022:** Council reviews and approve final LCCAP

Attachments

Appendix A – LCCAP Actions Prioritization Framework

Appendix B – Summary of Key Revisions to Draft LCCAP’s Actions

Department: Planning & Development Services

Report prepared by: Abhi Jain, Sustainability Planner

Date: 2022-05-25

Report approved by: Jeff Merrill, Director

Date:

Reviewed by CAO: Tom McEwan, Chief Administrative Officer

Date:

Appendix A – LCCAP Actions Prioritization Framework

LCCAP Actions Prioritization Framework was developed to prioritize climate actions by four key factors: GHG Emissions Reduction Potential, Public Support, Ease of Implementation, and Municipal Financial Impact. These factors were weighted according to the table below. A prioritization score was calculated for each climate action. Priorities were then assigned a category by score as follows: **High >2.2 | Medium 1.9–2.1 | Low <1.8**

LCCAP Actions Prioritization Framework				
Score	Prioritization Factors			
	GHG Emissions Reduction Potential (40% weightage)	Public Support (20% weightage)	Ease of Implementation (20% weightage)	Municipal Financial Impact (20% weightage)
1	Projected emission reductions from relevant action is less than 1,000 tCO ₂ e by 2030	Relevant action is supported by less than 50% of the survey respondents	MODL has very little authority to enact or enforce relevant action, and must rely mostly on advocating or partnerships	Direct cost to MODL for relevant action is over \$100,000 (one-time cost or per year)
2	Projected emission reductions from relevant action is between 1,000 and 4,999 tCO ₂ e by 2030	Relevant action is supported by 51% to up to 70% of the survey respondents	MODL may have authority to enact or enforce relevant action, but the process is complex, or the authority is shared or not directly held by the Municipality	Direct cost to MODL for relevant action is between \$10,000 to \$100,000 (one-time cost or per year)
3	Projected emission reductions from relevant action is above 5,000 tCO ₂ e by 2030	Relevant action is supported by more than 71% of the survey respondents	MODL has clear authority to enact or enforce relevant action, and the process is relatively simple	Direct cost to MODL for relevant action is under \$10,000 (one-time cost or per year)

The Table below captures the LCCAP priorities for the respective action items calculated based on LCCAP Actions Prioritization Framework.

Main Categories and Actions		Prioritization Factors				Prioritization Score	LCCAP Priority
		GHG Emissions Reduction Potential (40% weightage)	Public Support (20% weightage)	Ease of Implementation (20% weightage)	Municipal Financial Impact (20% weightage)		
Category 1	Energy Efficient Built Environment						
1A	Clean Energy Financing (expansion and promotion)	3	3	3	1	2.6	High
1B	Energy efficiency standards for new construction	1	3	2	3	2	Medium
1C	Commercial energy efficiency retrofits	1	3	1	3	1.8	Low
Category 2	Sustainable Low-Carbon Transportation						
2A	Electric vehicles charging infrastructure	3	2	2	1	2.2	High
2B	Electric vehicles promotion and education	1	2	3	2	1.8	Low
2C	Anti-idling policy	1	2	3	3	2	Medium
2D	Carshare program	1	3	1	1	1.4	Low
2E	Bikeshare program	1	3	2	2	1.8	Low
2F	Public transit service	1	3	2	1	1.6	Low
2G	Active transportation strategy	1	3	3	1	1.8	Low
Category 3	Waste Reduction, Recycling and Composting						
3A	Waste management educational programs	3	3	3	3	3	High
3B	Join in bring your own promotion and subsidy	2	3	3	3	2.6	High
Category 4	Land Use for Energy Conservation and Sustainable Development						
4A	Mixed land use bylaw development	1	2	3	3	2	Medium
Category 5	Natural Environment Conservation						
5A	Tree planting program	1	3	3	3	2.2	High
5B	Land conservation	1	3	1	1	1.4	Low
5C	Annual No Mow May	1	3	3	3	2.2	Medium
Category 6	Community Engagement						
6A	Community Pledges	1	1	3	3	1.8	Low
6B	Youth Engagement	1	1	3	3	1.8	Low
6C	Region-wide climate working group	1	3	2	3	2	Medium
6D	MODL environmental and resilience champion award	1	1	3	3	1.8	Low
Category 7	Renewable Energy Generation						
7A	Community solar garden	3	3	2	1	2.4	High
Category 8	Food Security						
8A	Community garden	1	3	2	2	1.8	Low
8B	Food security programs	1	3	2	3	2	Medium
Category 9	Emergency Preparedness and Response						
9A	Dry hydrants	1	2	2	1	1.4	Low
9B	Education on the impacts of climate change	1	3	3	3	2.2	High
Category 10	Research and Innovation						
10A	Support research & technological innovation to address climate change	1	1	3	2	1.6	Low

Appendix B – Summary of Key Revisions to Draft LCCAP’s Actions

The table below summarizes the revisions that has been made to the Action Items list.

Section of Plan	Revision	Rationale	In Response To
Main Category – 10	Added Main Category 10 – ‘Research and Innovation’	This category will allow advancing research and technological innovations to address climate change	Internal staff
Action Item – 2G	Added action item ‘Active Transportation Strategy’	Requests were made to improve cycling and walking infrastructure across the municipality	Community engagement survey
Action Item – 5C	Annual No Mow May event	Annual no mow may event will be launched to protect pollinators and other biodiversity	Municipal Council proclamation
Overall Main Categories and Action Items	Renumbering and restructuring of main categories and action items by classifying them into four domains: Mitigation, Adaptation, Capacity Building, and Evolution	To simplify the action items list and bring more clarity to the main categories and action items.	Internal staff