

Environment and Climate Advisory Committee Meeting Agenda

Wednesday, March 16, 2022, 5:00 p.m.
Electronic and in Meeting Room G
Lower Level, City Hall

We recognize and respect that New Westminster is on the unceded and unsundered land of the Halkomelem speaking peoples. We acknowledge that colonialism has made invisible their histories and connections to the land. As a City, we are learning and building relationships with the people whose lands we are on.

	Pages
1. <u>CALL TO ORDER AND LAND ACKNOWLEDGEMENT</u> The Chair will open the meeting and provide a land acknowledgement.	
2. <u>INTRODUCTIONS AND ICEBREAKERS</u>	
2.1. Icebreaker Question	
2.2. Legislative Services Committee Orientation Katie Stobbart	3
3. <u>CHANGES TO THE AGENDA</u> Additions or deletion of items.	
4. <u>ADOPTION OF MINUTES FROM PREVIOUS MEETINGS</u>	
4.1. Adoption of the Minutes of January 19, 2022	24
5. <u>REPORTS AND PRESENTATIONS</u> Staff and guest reports and presentations for information, discussion, and/or action	
5.1. Environment and Climate Policy Introduction Lynn Roxburgh and Eugene Wat	28
6. <u>UNFINISHED BUSINESS FROM PREVIOUS MEETINGS</u>	
7. <u>NEW BUSINESS</u> Items added to the agenda at the beginning of the meeting.	

7.1. Committee Member Topics for 2022

Karen Crosby

7.2. New Homes and Renewable Energy

Discussion regarding speeding up the requirement for new homes/buildings to only use renewable energy (no natural gas hook-up)

Karen Crosby

8. STANDING REPORTS AND UPDATES

Regular and ongoing reports from staff or members for information and discussion.

8.1. Urban Reforestation & Biodiversity Enhancement Initiative Update

52

Lynn Roxburgh, on behalf of Matthew Pilford

9. END OF MEETING

10. UPCOMING MEETINGS

Remaining scheduled meetings for 2022, which take place at 5:00 p.m. unless otherwise noted:

- May 18
- July 20
- November 16



Committee Orientation

Environment and Climate Advisory Committee



NEW WESTMINSTER

Introductions to EnCAC

Legislative Services:

- Katie Stobbart, Committee Clerk

Chair:

- Councillor Nadine Nakagawa

Staff Liaisons:

- Lynn Roxburgh, Acting Supervisor, Land Use Planning and Climate Action
- Sadaf Ghalib, Senior Climate Action Planner
- Eugene Wat, Manager, Infrastructure Planning

Committee Members:

- | | | |
|------------------|---------------------|-----------------|
| • Nazli Azimikor | • Karen Crosby | • John Lekakis |
| • Ryan Bardini | • Colleen Gillespie | • Teresa Morton |
| • Farbod Behshad | • Elsie Krebs | |
| • Danison Buan | • Alvin Kube | |



Orientation Overview

What will be covered?



- Role of Advisory Committees
- Orientation Package Overview
- Attendance and Quorum
- Meeting Conduct
- City Policies and Freedom of Information
- Oaths of Office
- Election of Alternate Chair

Orientation Package

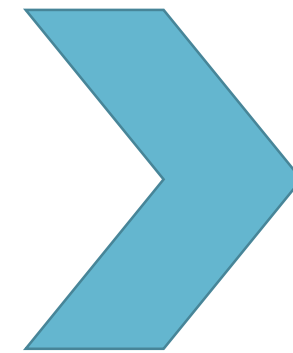
Contents:

- Committee Terms of Reference
 - *Defines the purpose and structures of the committee*
- Committee Advisory Policy
 - *Guides the creation and management of advisory committees*
- Rules of Conduct
 - *Prescribes roles, responsibilities, and procedures*
- Respectful Workplace and Human Rights Policy
 - *Guides how we treat each other*
- Social Media Policy
 - *Provides a framework for communication on social media*
- Committee Meeting Schedule (also available on City website)
 - *Advises when our meetings take place*
- Freedom of Information (FOI) Permission Form
 - *Permits (or not) the City to contact you*



What is the Role of an Advisory Committee?

Advisory Committees are
created by Council
to provide information
and advice to Council
on issues of interest
to the public.



This assists Council in its
decision-making process!

Advisory Committees are not **autonomous**.

This means Council must approve a Committee
to discuss issues outside of their mandate.

Attendance is Key

You are expected to attend regularly scheduled meetings.

To make sure we have quorum*, let us know **whether or not** you will attend.

Without quorum, the Committee can't hold an official meeting or pass recommendations.

* *Quorum is the majority of appointed members.*



If you can't attend meetings anymore, please discuss it with the Chair or staff liaison.

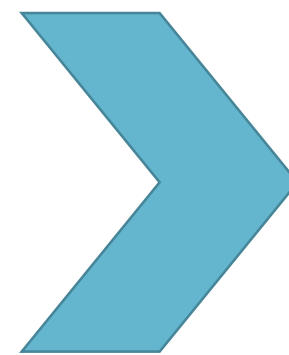
If you miss three consecutive meetings, Council may, without further notice, remove you from the committee.

Please submit resignations via email to the staff liaison and committees@newwestcity.ca

Working with Staff

Remember:

The commitment of staff resources and time is the responsibility of Council.



Requests to have staff conduct work outside their work plan must be brought to Council for approval.

Committee work is just one part of staff's work plan, and staff may work on multiple committees.

Please be respectful of staff time. 😊



Meeting Documents

Agendas

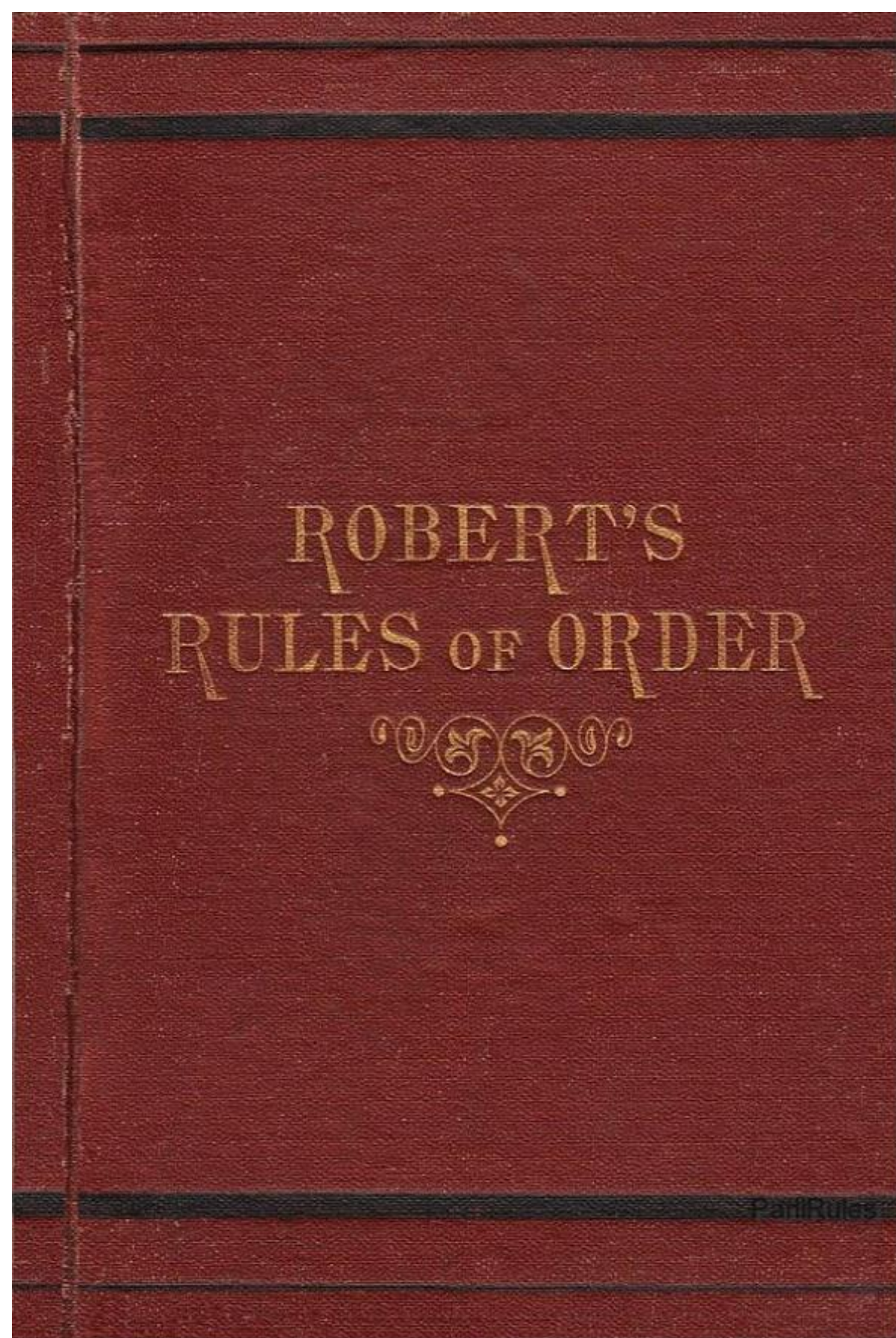
- Sent one week in advance of the meeting
- Read in advance so you can come prepared
- Additions at the beginning of the meeting

Minutes

- Not verbatim, are meant to summarize the discussion
- Read and let us know if you see errors or omissions
- Posted to the website after they are adopted



Rules of Order and Meeting Conduct



You do not have to know all of Robert's Rules of Order to participate in the meeting.

In the next few slides, we will cover:

- Conflicts of Interest
- Motions
- Voting

If you *want* to learn more about Robert's Rules, there are many resources online and at the library!

Conflicts of Interest

A Conflict of Interest must be declared if you believe you have a direct or indirect interest in an item, and you must leave the room.

Examples of Conflicts of Interest:

- You live within 100 metres of a proposed development;
- A family member or member is involved;
- You would receive monetary benefit;
- You're involved in an organization under discussion.

When in doubt,
discuss
and declare!

Discussion

During discussion of an agenda item, the Chair will maintain a speaker's list.

Raise your hand to have your name added to the list.

Committee discussion is meant to be inclusive, not a back-and-forth between members.



Please bring common courtesy to discussion: wait your turn to speak, use respectful language, etc.

What is a Motion?

A motion is how a Committee makes a decision.

A Committee member must **MOVE** (or introduce) a motion for consideration.



A motion must be **SECONDED** to proceed with discussion of the motion.

A seconder does not need to agree with the motion that is being moved; they are simply agreeing to debate the motion.

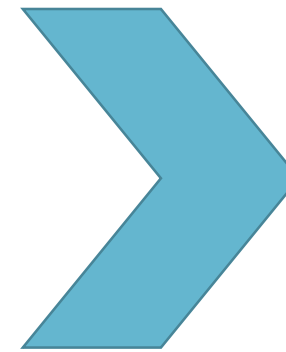
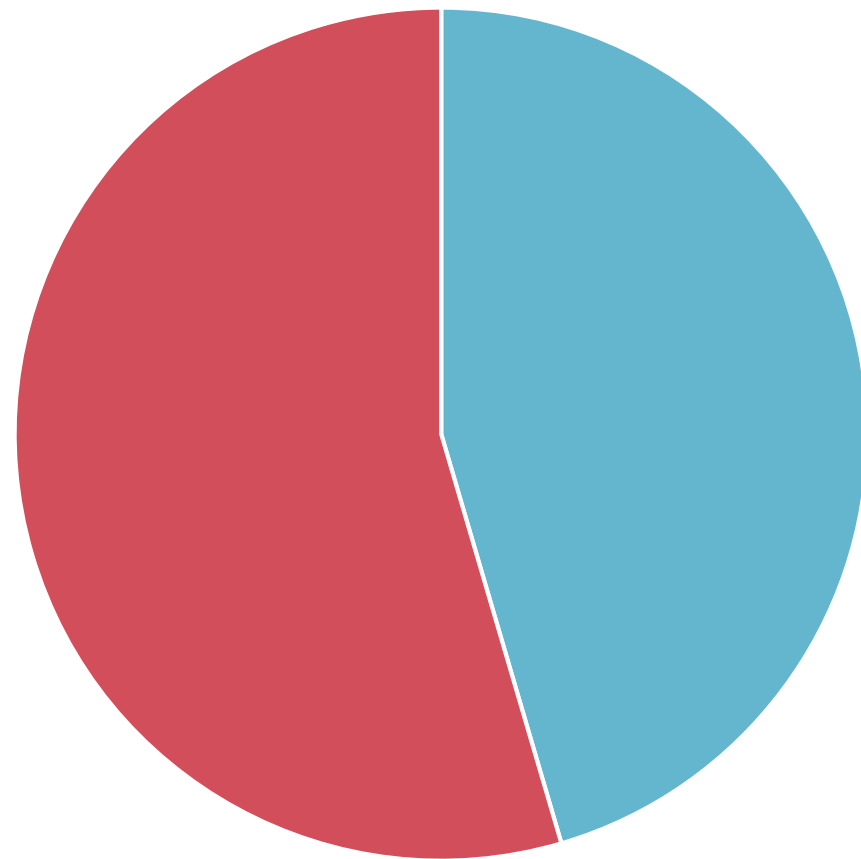
A seconder may still vote in opposition to the motion.



Voting – in Favour

“Call the question”

The Chair will put the motion to a vote.



To be carried, a motion must have 50% +1 of voting Committee members.

Committee members cannot abstain during a vote.

If a member does not clearly indicate how they vote, the vote will be noted in favour of the motion.

Voting – in Opposition

Those voting in opposition must clearly raise their hand, or verbally indicate they are voting in opposition.

A tie vote is considered a lost (defeated) vote.

Members who vote in opposition to a motion will have their names recorded in the minutes.



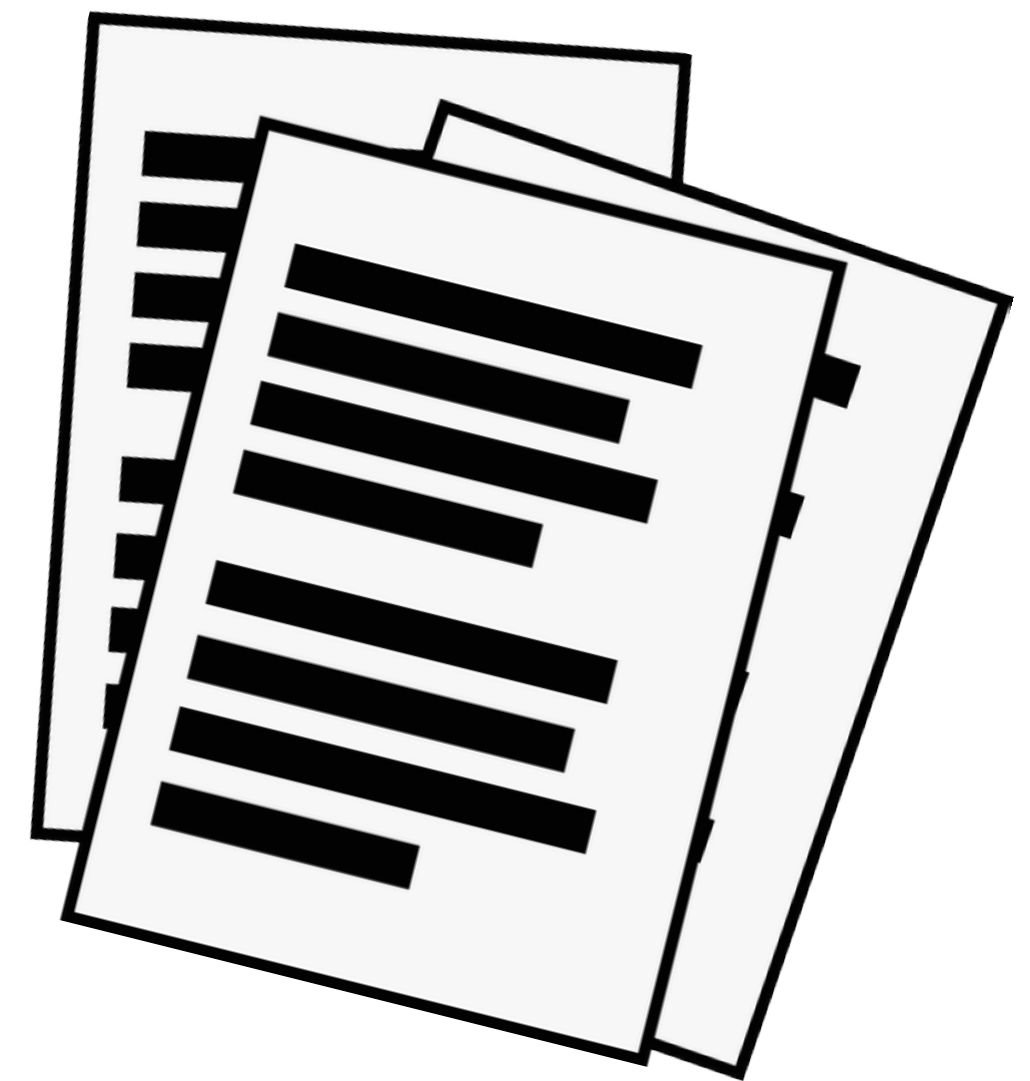
How does Council receive the motion?

Any committee motion that is passed and requires action or an expenditure of funds must be submitted to Council through a Committee report.

Committee reports include staff comments on the Committee recommendation.

Staff may or may not support the Committee recommendation.

Council may or may not pass a Committee recommendation, or may pass an amended Committee recommendation.



Respectful Workplace and Human Rights Policy

All persons associated with the City of New Westminster have a responsibility to ensure the City's working environment is free from disrespectful behaviour.

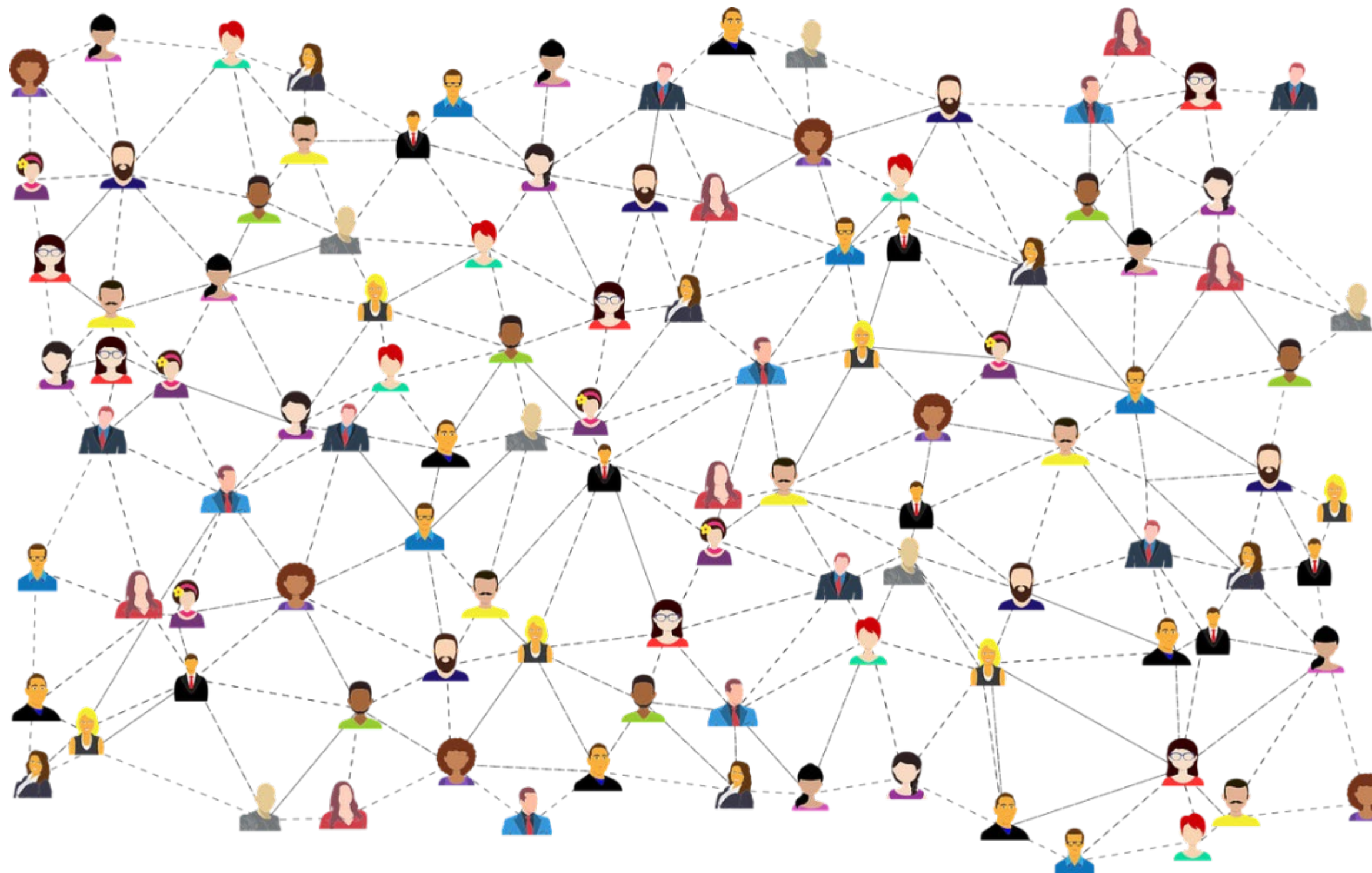
Disrespectful behaviour toward Council, staff, and other Committee members is not tolerated.



Social Media Policy

As a member of this Committee, you represent the City and the Committee.

Be careful of your social media posts and activity, especially when referencing the City.



FOI Permission Form

Your personal information is collected under the
Freedom of Information and Protection of Privacy Act.

Staff cannot share Committee members' contact
information with other Committee members.



It is not mandatory that Committee members indicate yes on the form.
However, please tick a box and return the form!

Oaths of Office

THAT I do solemnly affirm that I will truly, faithfully and impartially, to the best of my knowledge and ability, execute the office to which I have been appointed for the City of New Westminster, and that I have not received and will not receive any payment or reward or promise of either, for the exercise of any partiality or other undue execution of my duties.

Alternate Chairs

Each Committee will elect an Alternate Chair at the first meeting of each term.

The Alternate Chair will serve as the Chair if the Chair is unable to attend a meeting.

Legislative Services will hold a training session for Chairs and Alternate Chairs on **April 5, 2022**.



Additional Questions?

Questions and comments can be submitted to the Legislative Services Department.

Email: committees@newwestcity.ca

Phone: 604-527-4523

Legislative Services will hold two Committee Orientation refreshers on June 7 and June 9, 2022.





ENVIRONMENT AND CLIMATE ADVISORY COMMITTEE
MINUTES

Wednesday, January 19, 2022, 5:00 p.m.
Meeting Held Electronically

PRESENT

Councillor Nadine Nakagawa	Chair, City Council Member
Danison Buan	Representative, Local Business Association
Karen Crosby	Community Member
Collen Gillespie	Representative, Professional in Environment or Climate Field, Business, Government, or Non-Profit
John Lekakis	Representative, Local Institution (SD40)
Teresa Morton	Representative, Local Environment Association

REGRETS

Meesh Bono	Community Member
Patrick Parkes	Community Member
John Ragone	Community Member
Raunaq Singh	Community Member
Bryanna Thiel	Representative, Professional in Environment or Climate Field, Business, Government, or Non-Profit

GUESTS

Ryan Coleman	Ecolighten Consulting
Sue Chung	Ecolighten Consulting

STAFF

Nayel Halim	Community Energy and Emissions Specialist
Lynn Roxburgh	Acting Supervisor, Land Use, Planning and Climate Action
Nicole Ludwig	Assistant City Clerk
Katie Stobbart	Committee Clerk

1. **CALL TO ORDER AND LAND ACKNOWLEDGEMENT**

Councillor Nakagawa opened the meeting at 5:13 p.m. and recognized with respect that New Westminster is on the unceded and unsurrendered land of the Halkomelem speaking peoples. She acknowledged that colonialism has made invisible their histories and connections to the land. She recognized that, as a City, we are learning and building relationships with the people whose lands we are on.

2. **INTRODUCTIONS AND ICEBREAKERS**

2.1 **Icebreaker Question**

Committee members and staff responded in turn to the icebreaker question, "Have you done anything that is bringing you joy or stress relief recently?"

3. **CHANGES TO THE AGENDA**

There were no changes to the agenda.

4. **ADOPTION OF MINUTES FROM PREVIOUS MEETINGS**

4.1 **Adoption of the Minutes of November 17, 2021**

MOVED and SECONDED

THAT the Minutes of the November 17, 2021 Environment and Climate Advisory Committee meeting be adopted as circulated.

CARRIED.

All Committee members present voted in favour of the motion.

5. **REPORTS AND PRESENTATIONS**

5.1 **Energy Save New West: 2021 Year in Review and 2022 Program Plans**

Ryan Coleman and Sue Chung, Ecolighten Consultants, provided a presentation entitled "Energy Save New West: Program Update."

In response to questions from the Committee, Mr. Coleman and Ms. Chung provided the following comments:

- Step Code is an energy efficiency requirement for houses. Where code is the legal bare minimum, step code is an enhanced level with performance indicators;

- The four languages selected were chosen by looking at the percentage of each demographic as well as taking suggestion from Empower Me;
- Have not yet explored Google Ads for digital marketing; and
- Can work with other municipalities to encourage the Province to do more mandating particularly around new builds.

The Committee expressed its support for the program.

5.2 Community Energy and Emissions Plan (CEEP) 2050: Action Mapping Workshop

Nayel Halim, Community Energy and Emissions Specialist, provided a presentation entitled “Community Energy & Emissions Plan (CEEP) 2050 Workshop.” Mr. Halim led an action-mapping exercise, in which participants ranked proposed environmental actions on an impact-effort matrix.

Procedural Note: Teresa Morton left the meeting at 6:49 p.m., at which time quorum was lost.

6. UNFINISHED BUSINESS FROM PREVIOUS MEETINGS

7. STANDING REPORTS AND UPDATES

7.1 Acting Supervisor of Land Use Planning and Climate Action's Update

Lynn Roxburgh, Acting Supervisor, Land Use, Planning and Climate Action, reported the following:

- There is a presentation forthcoming on climate action key performance indicators. We want to be measuring our success and progress toward the targets we have set. Would like to turn it into a publicly accessible report card so we can show transparently what we are doing;
- E-mobility strategy will likely come back next meeting so we can focus on all the feedback that has been received; and
- Working on a program called Equitable New Deal, working with a consultant who is doing a provincial wide assessment of energy poverty in BC, which will include a deep dive on five municipalities, including New Westminster. Will be exploring how that data can inform the rest of our work.

8. NEW BUSINESS

There were no items.

9. END OF MEETING

The meeting ended at 6:58 p.m.

10. UPCOMING MEETINGS

The remaining scheduled meetings for 2022 take place at 5:00 p.m. on the following dates:

- March 16
- May 18
- July 20
- November 16

Certified Correct,

Councillor Nadine Nakagawa
Chair

Katie Stobbart
Committee Clerk



Environment and Climate Policy Introduction

2022 Orientation

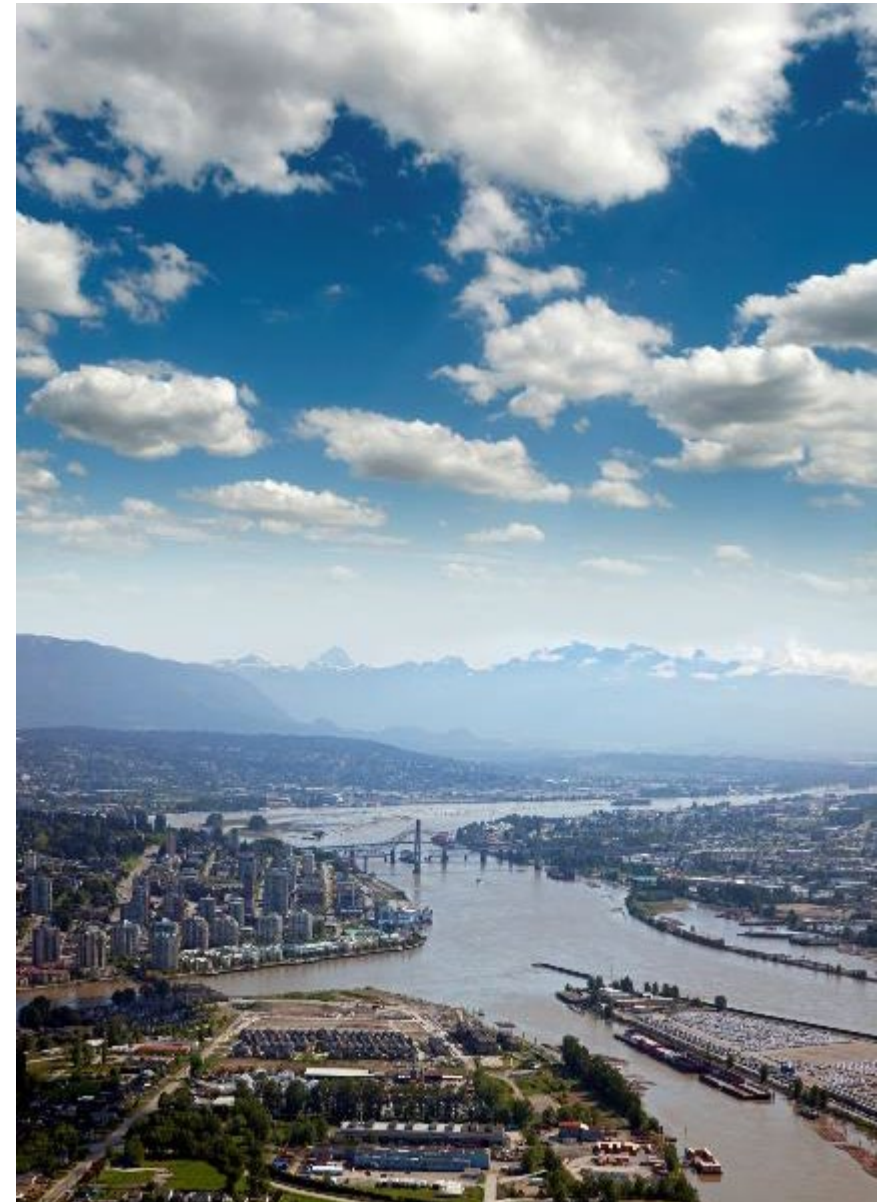
Lynn Roxburgh – Acting Supervisor of Land Use Planning and Climate Action



NEW WESTMINSTER

Overview

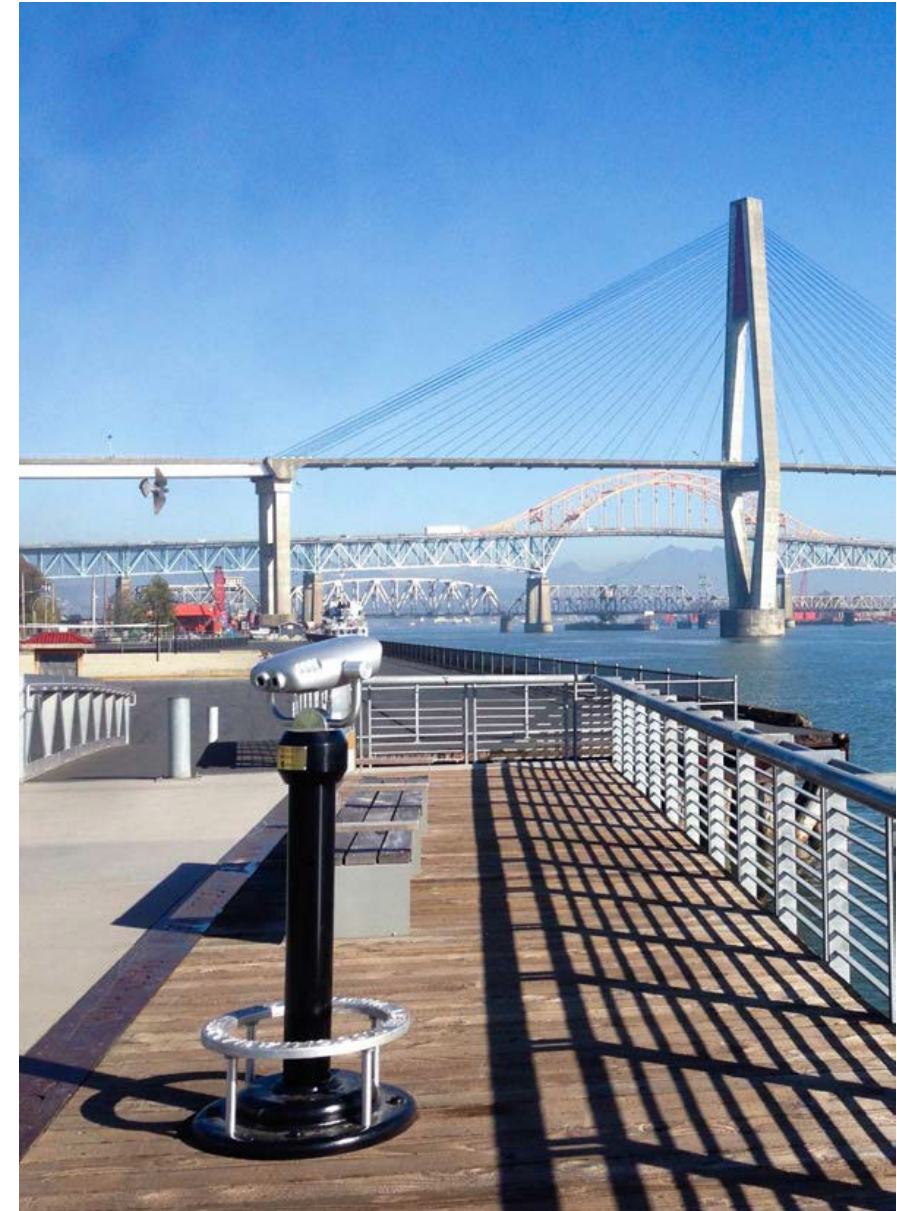
- Mandate
- Climate Emergency and Seven Bold Steps for Climate Action
- Environmental Strategy and more
- Additional Policies



Mandate

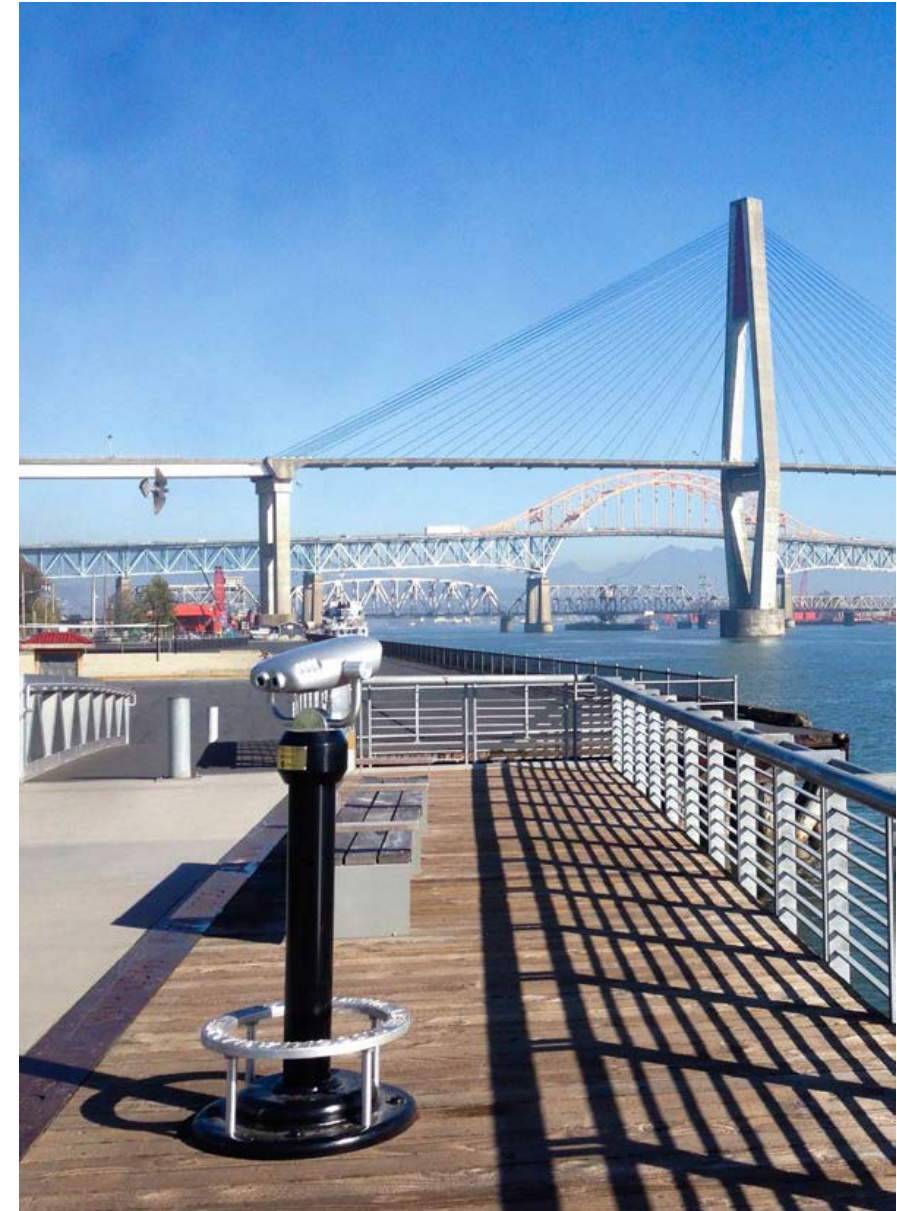
The role of the EnCAC is to respond to questions from and advise the City's Environment and Climate Task Force on:

- Bold actions related to corporate and community energy and emissions with the goal to have net zero emissions by 2050
- The effective implementation of environmental strategies and plans with actions to protect and enhance biodiversity, natural areas, and urban forest.

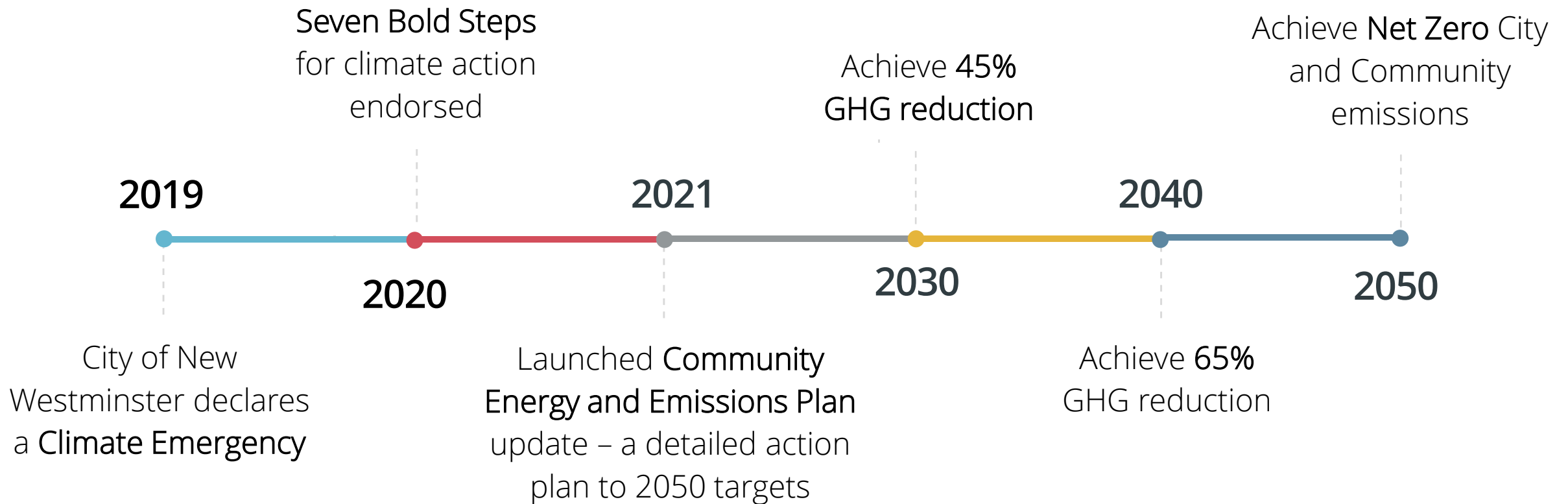


Mandate

- Methods to engage the community, particularly the more vulnerable members of the community.
- Monitoring progress towards achieving the City's environment and climate objectives.
- Any other environment or climate matter referred to the Committee by Council.



Climate Emergency and GHG targets



Bold Step 1: Carbon Free Corporation

The City will reduce its overall carbon footprint and will strive to be net zero carbon emissions by 2050

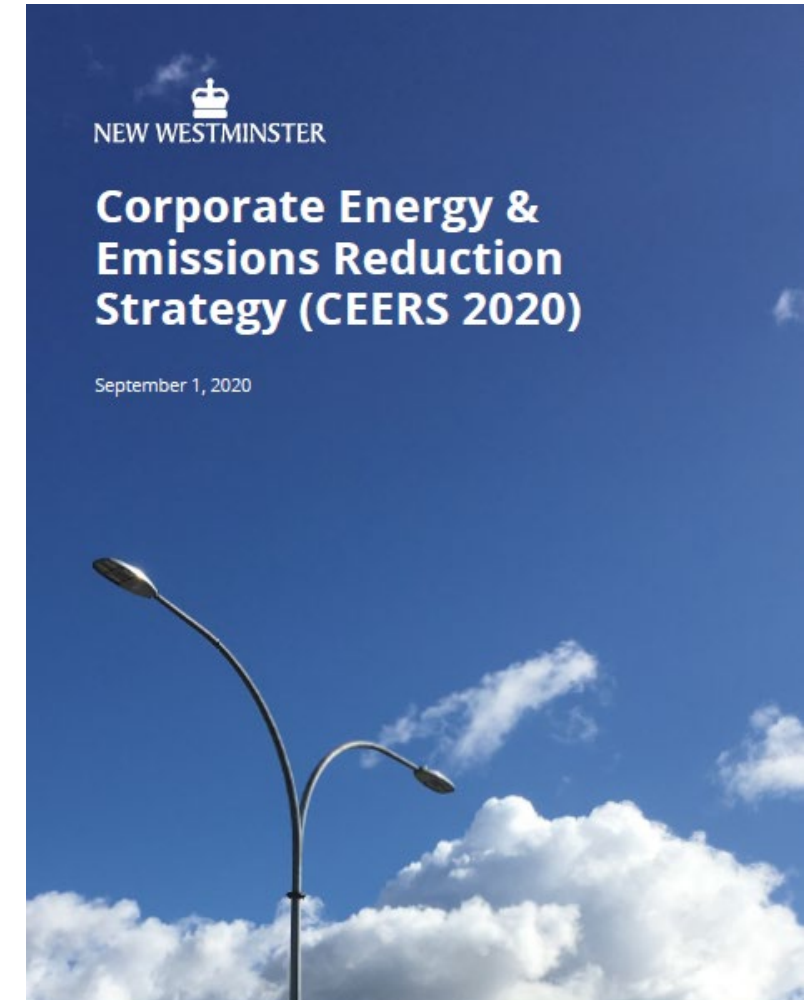


Corporate Energy and Emissions Reduction Strategy (CEERS)

Actionable strategies to be implemented over a 10-year horizon to achieve the City's goal of becoming carbon neutral by 2050.

Work to date has included:

- Electrification of City vehicles and equipment
- Deep energy retrofits and energy efficient upgrades for existing buildings.
- Lighting upgrades



Bold Step 2: Car Light Community

Accelerate the Master Transportation Plan targets for mode split: 60% of all trips within the City will be by sustainable modes of transportation (walk, transit, bike, multi-occupant shared) by 2030.



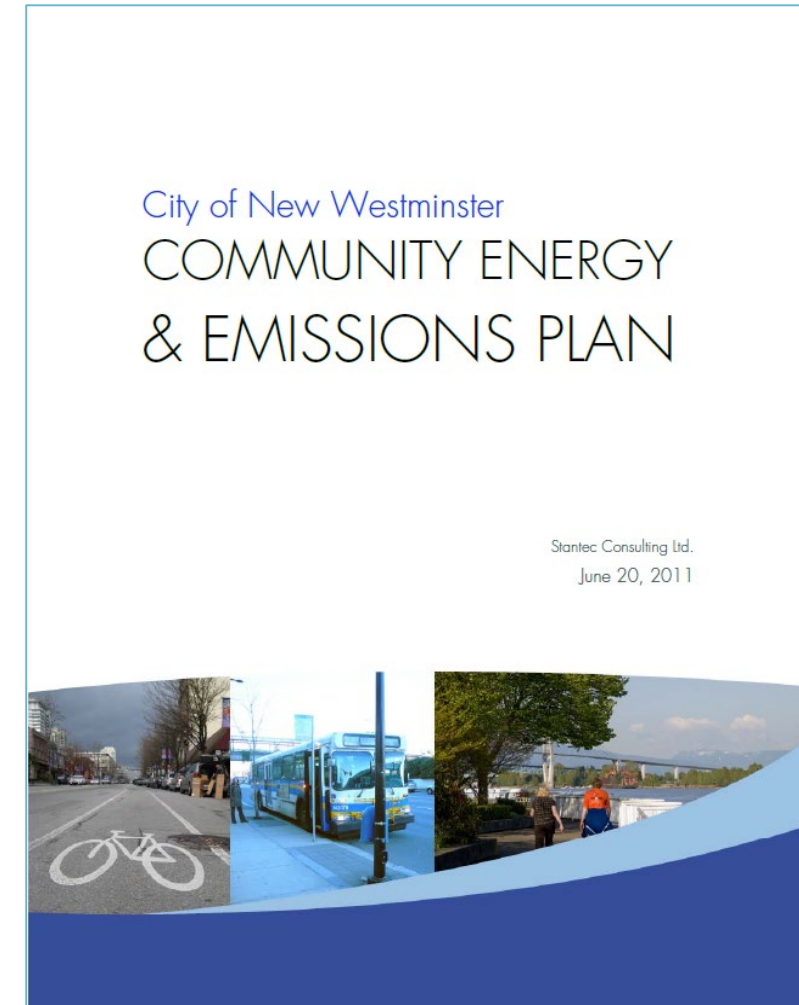
Bold Step 3: Carbon Free Homes and Buildings

Community carbon emissions for all homes and buildings will be reduced significantly. By 2030, all new and replacement heating and hot water systems will be zero emissions



Community Energy and Emissions Plan (CEEP)

- The City developed the City's first Plan in 2011
- The new Plan (now underway) will set a roadmap for reducing community energy consumption and GHG emissions over the next 30 year.
- The original focused on actions in the areas of transportation, buildings and solid waste – the new plan will identify a larger set of actions.



Energy Save New West (ESNW)

Created to improve the energy efficiency of new and existing buildings, support fuel-switching initiatives, and reduce community GHG emissions.

The program provides:

- a range of rebates and incentives for community members,
- assistance with energy and utility upgrades
- technical consulting and industry training for local builders, designers and architects



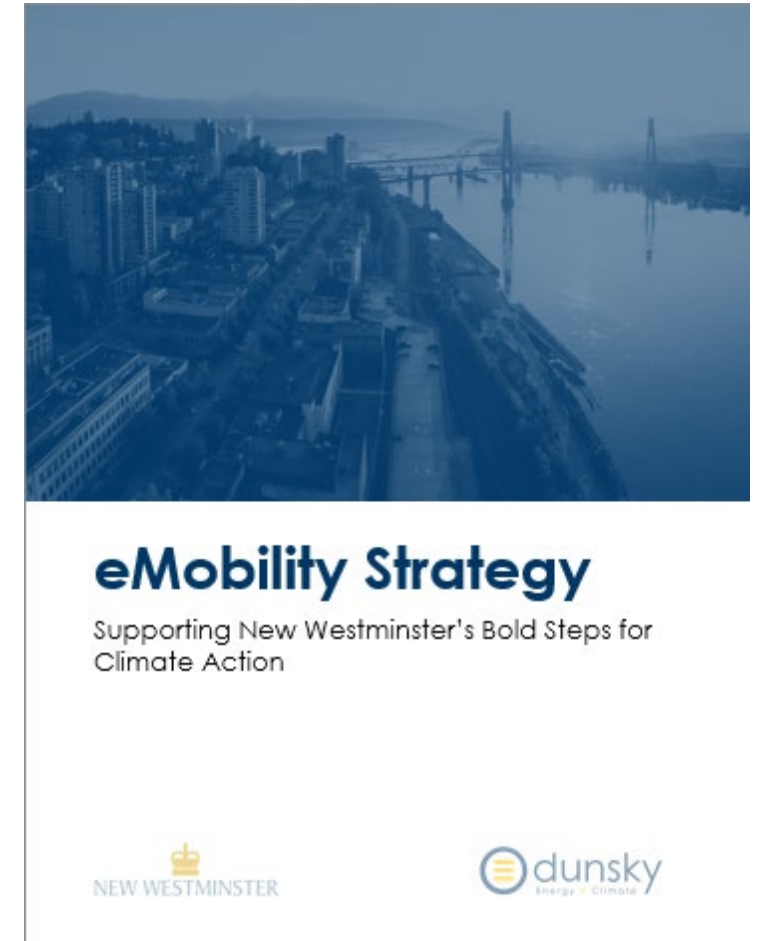
Bold Step 4: Pollution Free Vehicles

By 2030, 50% of kilometres driven by New Westminster registered vehicle owners will be by zero emissions vehicles.



E-Mobility Strategy

- Provides actionable strategies for increasing eMicromobility (i.e. e-bikes, e-scooters, etc.) and EV adoption in the community
- Provides actionable strategies for the Utility to manage the implications of increased EV adoption
- 5 year time-horizon that will be updated with each capital budgeting process



Bold Step 5: Carbon Free Energy

The City of New Westminster will invest in a smart electrical grid in order to accommodate the required rapid conversion to building and vehicle electrification.



Bold Step 6: Robust Urban Forest

The City increase the total tree canopy to 27% by 2030 to support the removal of 4,050 tonnes of carbon pollution every year and increase our forest's carbon storage capacity by 50%.

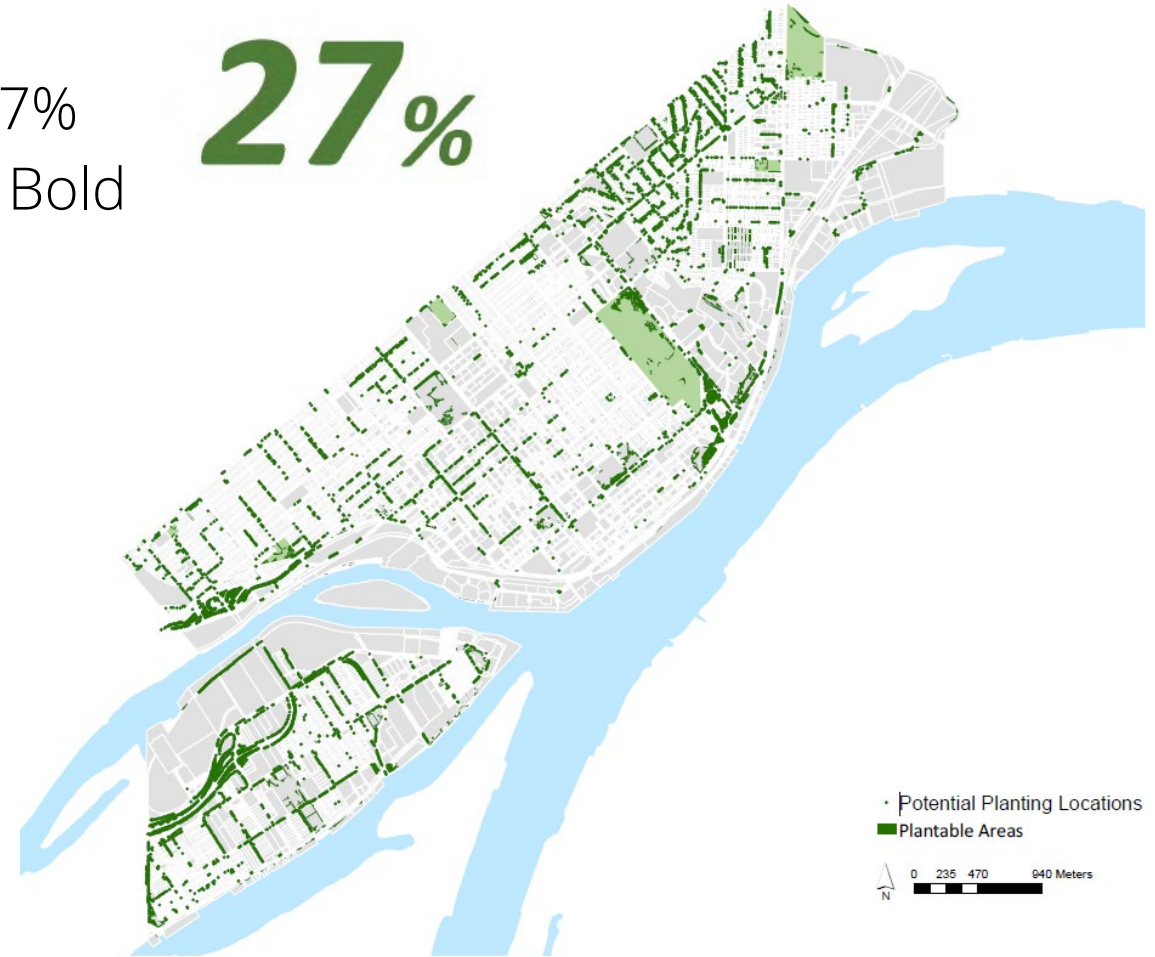


Urban Forest Management Strategy (UFMS)

The City's Urban Forest Management Strategy includes actions to be implemented to reach a 27% canopy cover by 2035 (expedited to 2030 by the Bold Steps).

This includes planting:

- 2,200 trees in parks and open spaces
- 6,300 trees on streets and boulevards
- 3,300 trees on private lands.

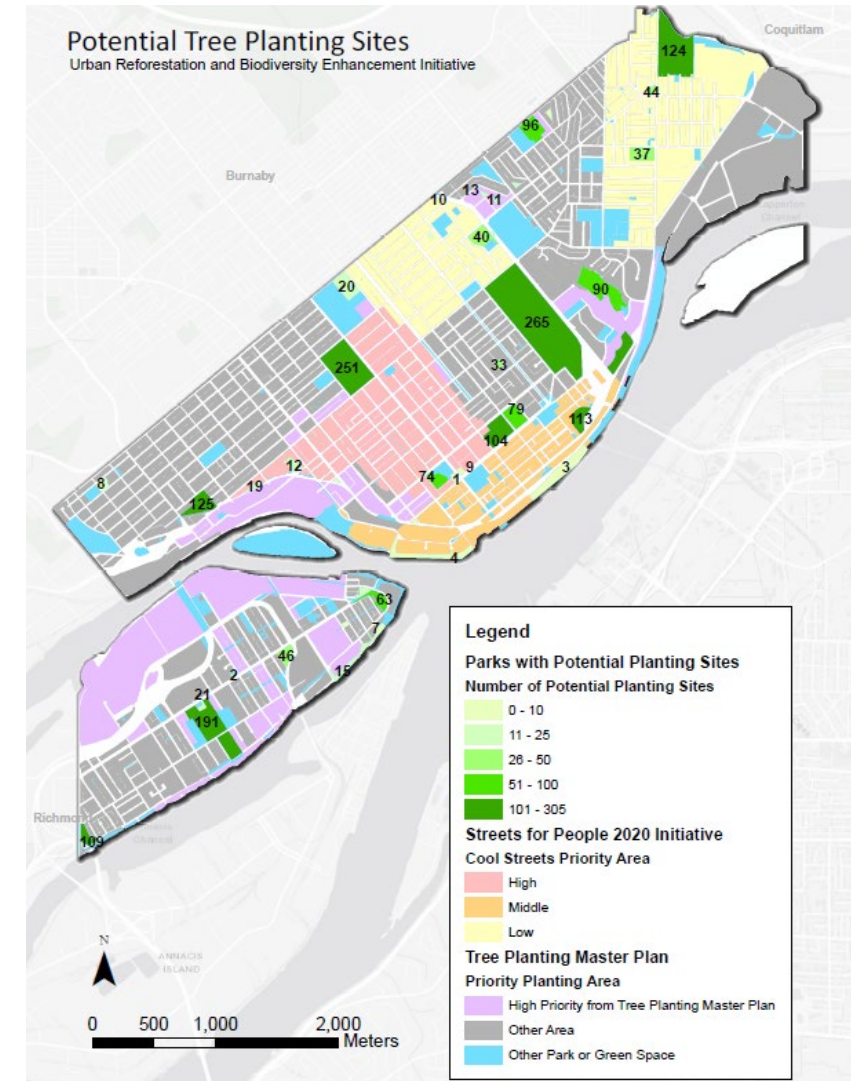


UFMS Implementation (2022)

The City was awarded \$1,746,000 to **plant 2,200 trees and rewild 1 hectare of turf grass across the city's parks and open spaces.** This must be achieved by end of December 2023.

Additionally, the city was awarded \$50,000 to plant up to **25,000 native plants and tree plugs** in 2022 in four of the city's natural areas:

- Queen's Park North/ Queen's Park South (Feb. 2022)
- Glenbrook Ravine and Hume Park (Sept. 2022)



Bold Step 7: Quality People-Centred Public Realm

A minimum of 10% of today's street space that currently only serves motor vehicles, excluding transit, will be reallocated for sustainable transportation or public gathering by 2030. The natural environment will be integrated with the public realm.



Strategic Plan: Environment and Climate Action

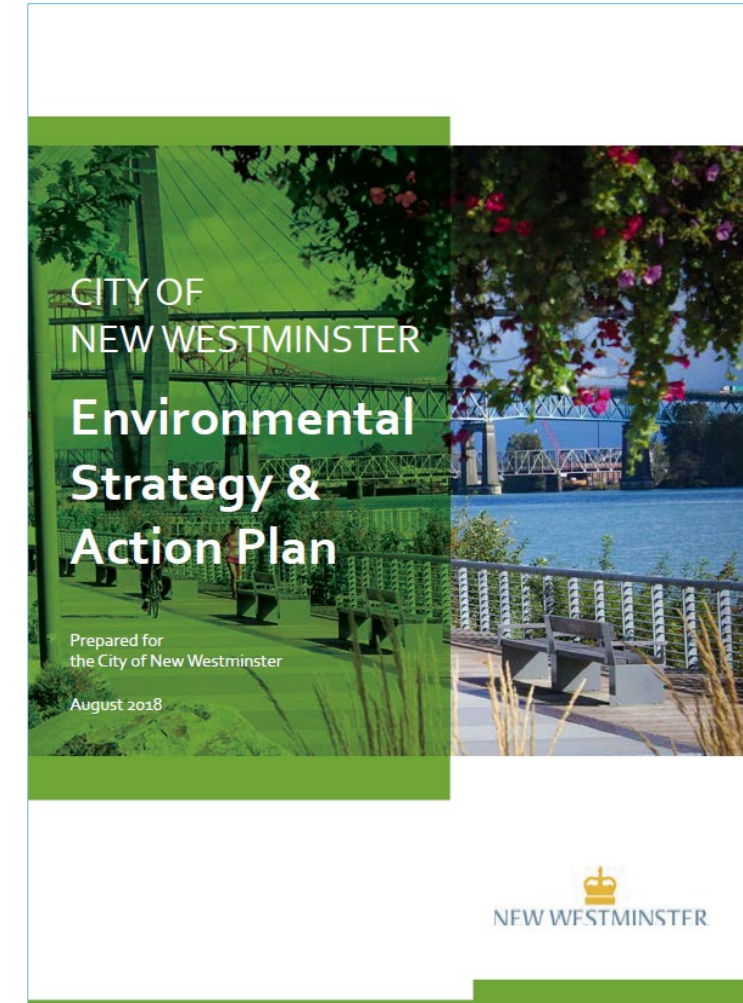
- Take bold action on corporate and community emissions with the goal to have net zero emissions by 2050
- Implement the Environmental Strategy and Action Plan



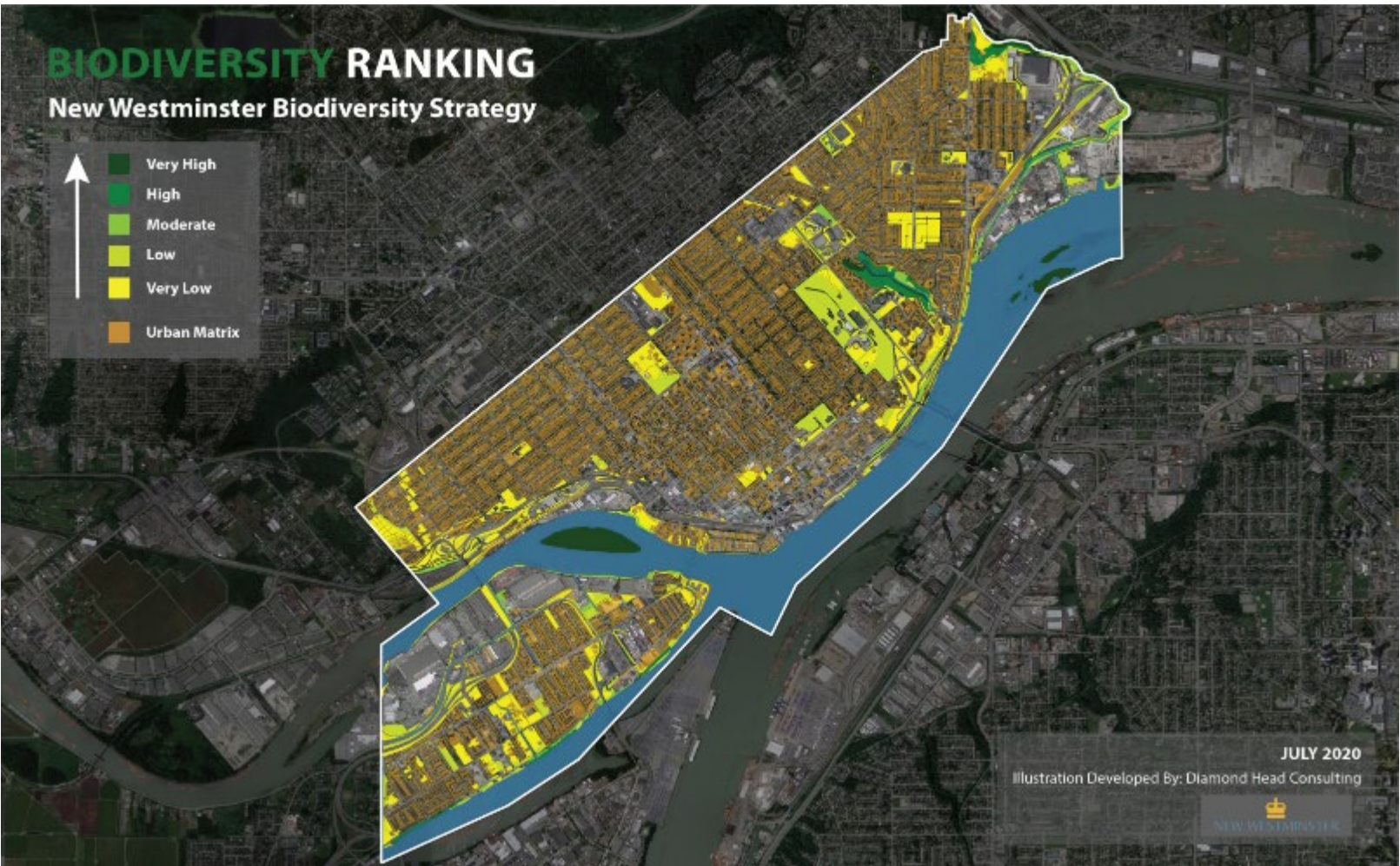
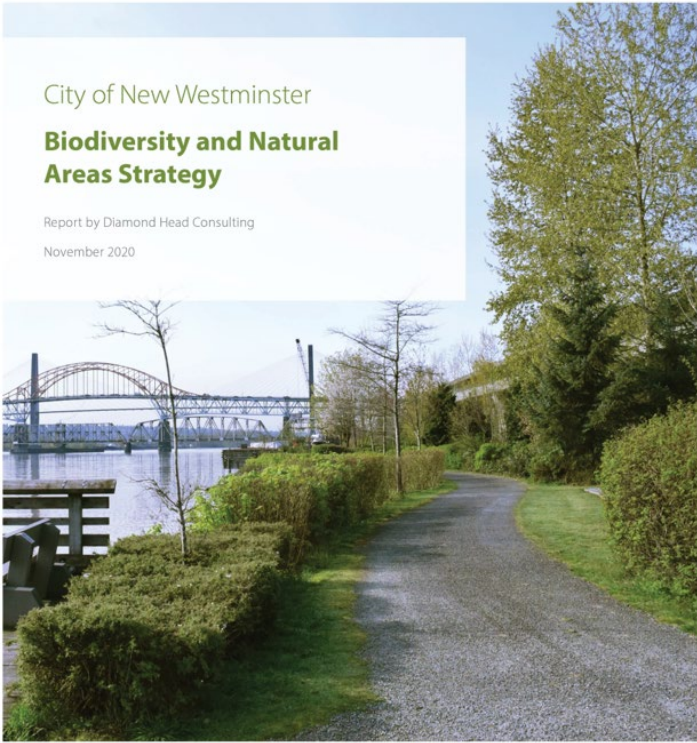
Environmental Strategy and Action Plan (ESAP)

The City's environmental master plan which includes a vision, goals and actions to be implemented over the next ten years and beyond. The Plan has four priority areas:

- Energy, Emissions & Climate Change
- Buildings, Sites & Urban Design
- Water, Waste & Materials
- Natural Areas & Habitat



Draft Biodiversity and Natural Areas Strategy (2022)



Additional Policies

The Info Sheet provides links to additional policies and initiatives Including:

- Official Community Plan
- Master Transportation Plan
- Integrated Stormwater Management Plan
- Glenbrook Ravine Park Invasive Plant Management Plan



THANK YOU
for volunteering your time!

Questions?

Environment and Climate Advisory Committee
Index of Relevant City Policy

Policy Area	City Policy/Program
Climate Emergency	7 Bold Steps
GHG Reduction Strategies	Corporate Emissions and Energy Reduction Plan Community Energy and Emissions Plan 2011 Energy Save New West
Environment	Environmental Strategy and Action Plan (2018) Urban Forest Management Strategy (2016) Integrated Stormwater Management Plan (2017) Volume 1 Volume 2 Glenbrook Ravine Park Invasive Plant Management Plan Ecological Inventory for New Westminster (2015)
Work Underway	Draft eMobility Strategy Draft CEEP 2050
Additional Policies	2019-2022 Strategic Plan Official Community Plan Master Transportation Plan Neighbourhood Transportation Plans

Hello ENCAC Members,

Following our last update on November 17, 2021, we have been further advancing several tree planting initiatives within the City.

URBEI Updates: With the Urban Reforestation & Biodiversity Enhancement Initiative funding, approx. 106 new trees were planted in Dec. 2021:

- 69 in Grimston Park and
- 37 in Old Schoolhouse Park
- An additional 300 trees were purchased and will be planted in park locations across Queensborough in the near future. Once the planting in the Queensborough neighbourhood is complete, tree planting will commence in Brow of the Hill and Downtown neighbourhoods.

Tree Canada Updates: In partnership with Tree Canada, the city was awarded \$50,000 by to participate in their 2022 National Greening Program. The funding will be used to plant up to 25,000 native tree and plant seedlings in four of New Westminster's natural areas in two phases:

Phase 1: February 22 to April 1, 2023 – Queen's Park North and South (12,230 seedlings)

Phase 2: Late August to Early September 2022 – Hume Park and Glenbrook Ravine (10,600 seedlings)

Spring Tree Sale 2022: The tree sale occurs bi-annually and provides an opportunity for New Westminster residents to purchase up to two trees for their property. The trees sold out on the morning that the sale opened on Feb 28th and will be available for pick-up at Grimston Park on Saturday, April 2nd.

We look forward to providing a short slide presentation and update at the May meeting of the Committee.

Erika Mashig
Manager Parks & Open Space Planning, Design and Construction
Parks & Recreation Department

Matthew Pilfold
Arborist Technician
Parks & Recreation Department