



Urban Forest Management Strategy

Presentation of the Draft Strategy

City of Port Moody

April 18th, 2023

Diamond Head Consulting: Amelia Needoba

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Agenda

1. Introduction
2. Draft Urban Forest Management Strategy
 - Canopy cover
 - Priority issues
 - Goals, strategies, and actions
 - Implementation targets
3. Public engagement updates
4. Next steps



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Introduction

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Draft Urban Forest Management Strategy

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The Vision

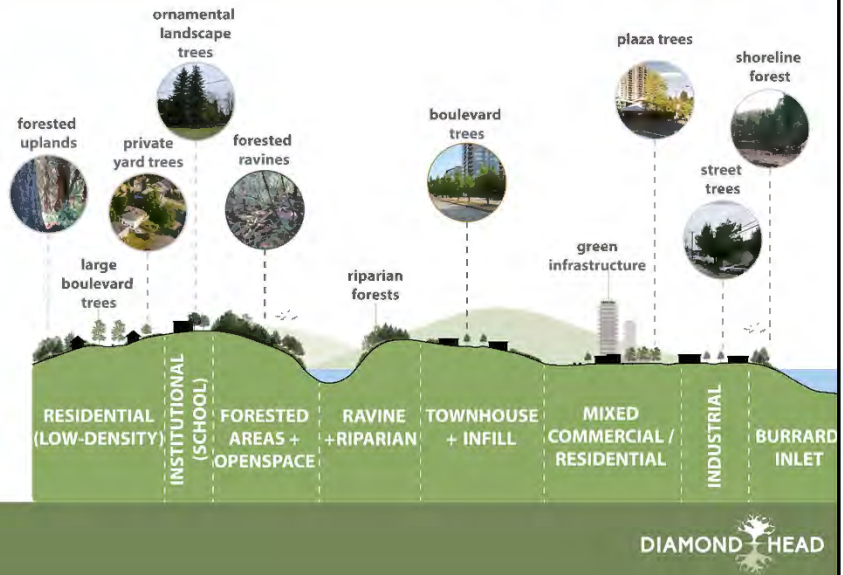
Port Moody's abundant, safe, and resilient urban forest supports the health and well-being of our community and the exceptional environment in which we live

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Current canopy cover

58% City-wide Canopy Cover

28% Urban Canopy Cover
(excludes parks and general industrial land)



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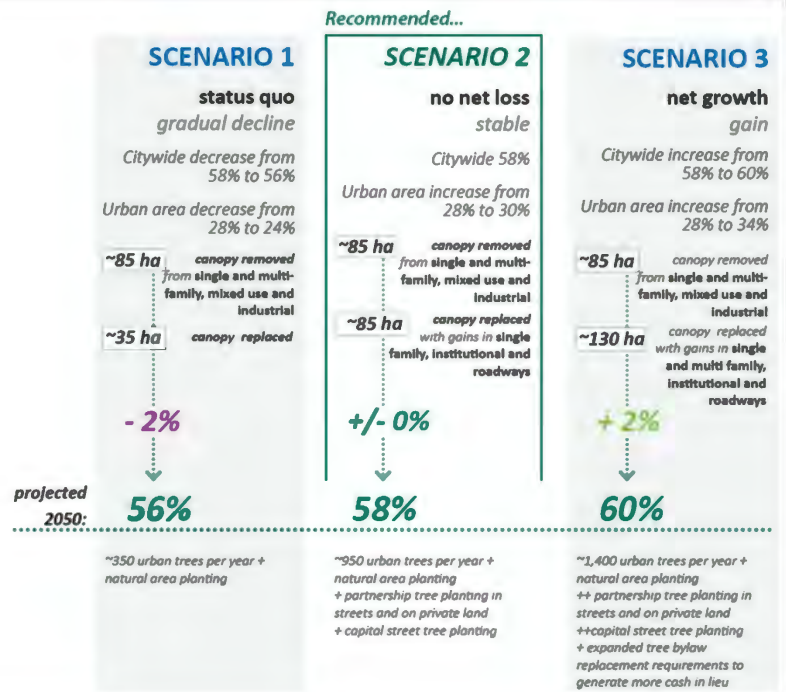
Canopy cover by land use

OCP Land Use Designation	Land Area (ha)	Canopy Area (ha)	Cover %
General Industrial	436	210	48%
Industrial Business	27	8	29%
Mixed Use	103	16	16%
Multi-Family Residential	170	52	31%
Parks and Open Space	1202	1028	85%
Public and Institutional	75	22	30%
Single Family Low Density	523	157	30%
Undesignated Land Use (railway)	33	8	25%
Total city	2568	1501	58%

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Setting a canopy cover target



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Key challenges for urban forestry

- Climate change
- Declining tree and forest health
- Urban development
- Program capacity/adaptive capacity



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Goals to guide the City



1. PLAN AND ADAPT to sustain the future of the urban forest



2. PLANT the right trees in the right places to maximize benefits and maintain a treed character



3. MANAGE trees and forests to maintain public safety and forest health



4. PROTECT trees and planting spaces to support a treed and forested character



5. PARTNER broadly to implement the Urban Forest Management Strategy

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Goals 1 – Plan and adapt

Strategies

Number of recommendations: 11

- Integrate urban forest management strategy implementation with other initiatives to achieve co-benefits
- Monitor progress to see if the Strategy is working and adapt as necessary
- Ensure resources are sufficient to sustain urban forest management

Action example – Develop canopy cover or tree density targets by zone, generalized land use, or other community development objectives, supported by permeable surface, greenspace, and tree planting requirements in the Zoning Bylaw.

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Goals 2 – Plant



Strategies

Number of recommendations: 15

- Improve tree planting environments to support tree survival and health
- Plant trees to enhance ecosystems and maintain stable and equitable tree canopy over time
- Improve the quality and suitability of trees being planted for the site and climate requirements

Action example – Incorporate interim tree standards, including soil volume standards as well as acceptable alternatives such as structural soils, soil cells, bridged sidewalks, or soil trenches in Landscape Requirements in the Subdivision Servicing Bylaw.

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Goals 3 – Manage



Strategies

Number of recommendations: 12

- Manage risks to the urban forest and the public
- Improve maintenance standards to meet target levels of service and manage risks
- Improve climate resilience in urban forest management

Action example – Coordinate updates to the Tree Management on City Property policy with the Tree Protection Bylaw review process currently underway to support improved site design, boulevard tree planting standards and remedies for the unauthorized removal or damage of City trees

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Goals 4 – Protect



Strategies

Number of recommendations: 11

- Review and update the Tree Protection Bylaw with input from the community
- Develop new policy tools and approaches to improve protection of trees and soil
- Develop frameworks to support decision-making about tree protection and removal

Action example – Define “Significant Trees” that warrant a high priority for protection through the Tree Protection Bylaw or during a development process.

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Goals 5 – Partner



Strategies

Number of recommendations: 13

- Build relationships and opportunities for reconciliation with First Nations Governments and Indigenous peoples through urban forest management
- Broaden community partnerships to implement Urban Forest Management Strategy
- Build connections between people and the natural environment to foster stewardship

Action example – Develop a communication and engagement plan to guide the development of materials and stewardship programming, with efforts targeted at increasing canopy cover in neighbourhoods with low tree equity.

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Monitoring plan

Target

- Maintain 58% canopy cover city-wide by 2050, while increasing canopy cover outside of parks and industrial lands from 28% to 30%.

Target	Measurement Frequency	Method	Related Goal
City-wide canopy cover 58% by 2050 Urban canopy cover 30% by 2050 (outside of parks and industrial lands)	5 years	LiDAR tree canopy capture, GIS summary	All

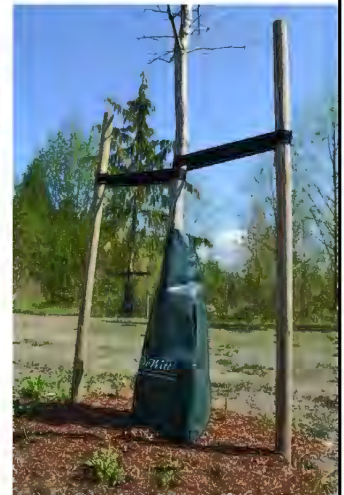


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Monitoring plan

Performance Indicator	Measurement Frequency	Method	Related Goal
Tree Equity Scores of at least 83/100 (2019 average) in all census dissemination blocks by 2050	5 years (use output from LiDAR tree canopy capture)	Tree Equity Score – Census, Land Surface Temperature and Canopy	All
Planting site vacancies reduced to a target of 5% or less by the end of 2033 (Future indicator: requires formalizing planting site tracking system)	Yearly	Tree inventory	Goal 1, 2, 3
Plant no more than 5% of any species, 10% of any genus, and 15% of any family on City property (excluding natural areas) in each year after 2026	Yearly	Tree inventory	Goal 2, 3, 5



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Monitoring plan



Performance Indicator	Measurement Frequency	Method	Related Goal
City tree inventory added to natural asset management program by 2028 (5 years) and forest assets added by 2033 (10 years)	5 years	Asset management records	Goal 3
Number of green infrastructure installations on public land (also reported for Climate Action Plan)	Yearly	Asset management records	Goal 3
Area of natural forest ESA restored or enhanced (also reported for Climate Action Plan)	Yearly	Work history	Goal 2/5



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Monitoring plan



Performance Indicator	Measurement Frequency	Method	Related Goal
Trees removed and trees planted on public land each year (streets, parks and natural areas)	Yearly	Tree inventory, project records, partnership tree records	Goal 2, 5
Trees removed and trees planted on private land each year	Yearly	Tree permits, tree sale records	Goal 2, 5
Increase customer satisfaction with public education and stewardship to 50% or greater	With Strategy update	Re-survey	Goal 5



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Public engagement updates

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Phase 1 engagement: Summary



Who we heard from

224 Survey respondents

16 Stories + mapping tool participants

87 Event participants

"A great retreat for people and their pets, plus a great habitat for many living things."

-Mapping tool respondent

Places of value

"Bert Flynn Park and its surrounding areas should be considered forest and left relatively untouched"

-Mapping tool respondent

Legend

Key topic (number of locations)

- Not specified (17)
- Protect park/forest (9)
- Quiet (1)
- Recreation (10)
- Shading and cooling (1)
- Large trees (1)
- Important wildlife habitat (6)
- Greenbelt (1)

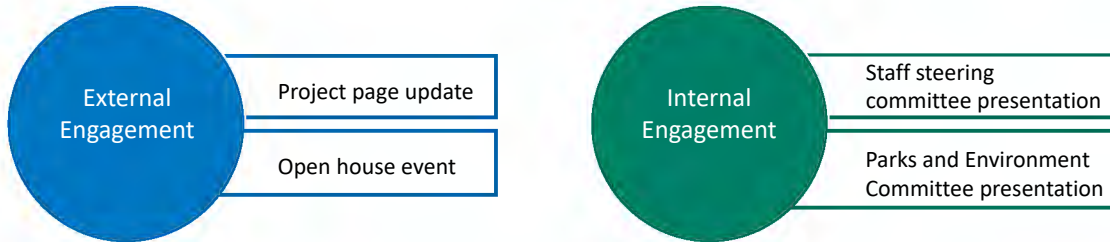
Parks and greenspaces
Sparse
Dense

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Phase 2 engagement: next steps

- Collect feedback on the draft Strategy and share their priorities for the implementation.
- Timeline: May/June, 2023



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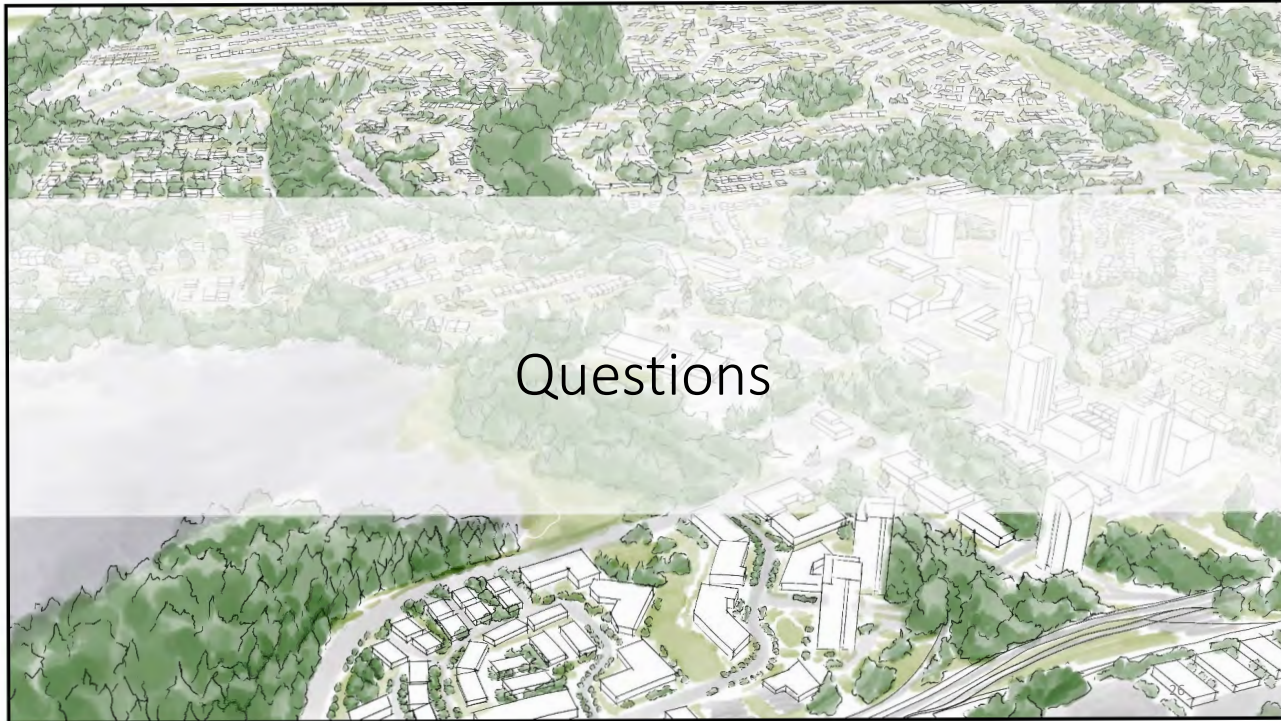


Next Steps

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