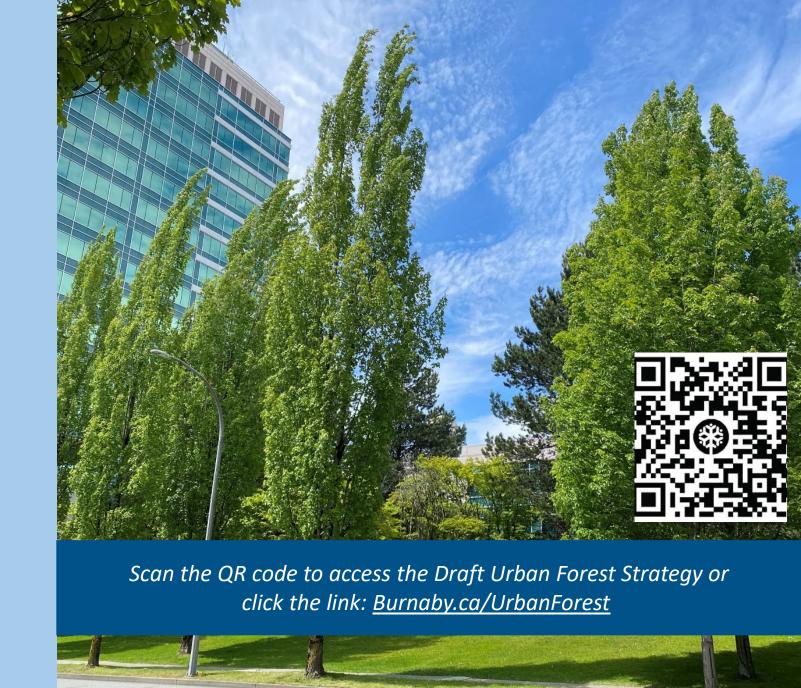
Urban Forest Strategy

Environment Committee Update January 20, 2025



Agenda

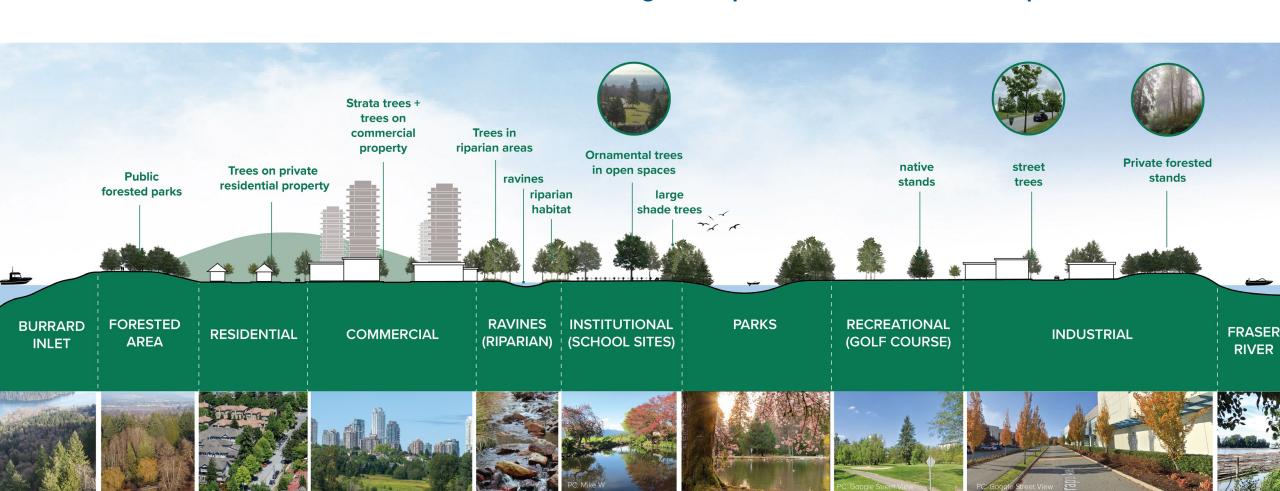
- Overview
- Alignments
- UFS Framework
- Goals & Strategies
- Key Actions
- Timeline/updates



Project Overview

The Urban Forest Strategy (UFS) will:

- ✓ Provide an urban forest vision and management objectives to 2040
- **✓** Address challenges and opportunities
- ✓ Identify and prioritize actions
- ✓ Provide targets and performance measures for implementation

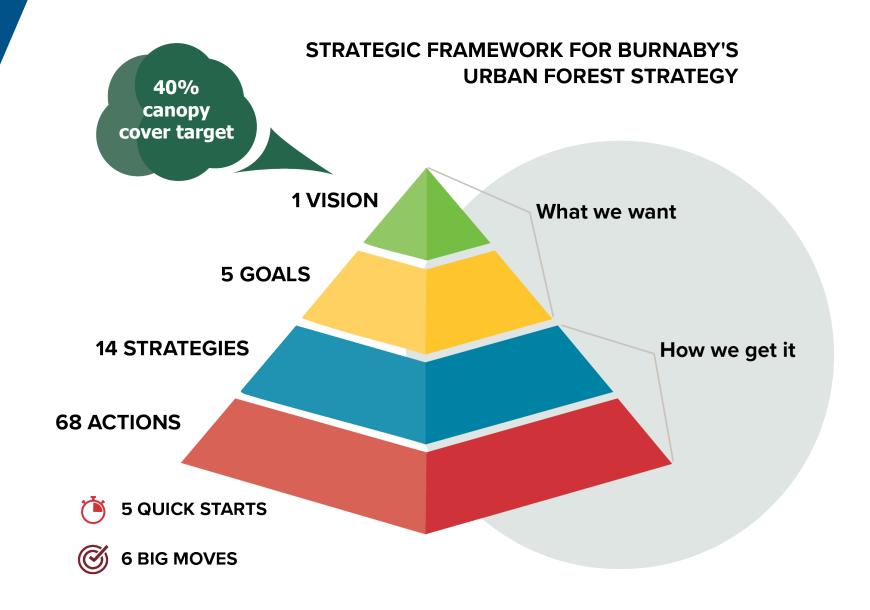


Alignments



UFS Framework

Reaching 40% canopy cover will require significant investments. It is likely unfeasible to achieve the planting rates required to achieve 40% by 2040. The Strategy recommends a target to achieve 40% by 2075.



Vision

Burnaby's urban forest will be an equitably distributed, resilient, biodiverse, and interconnected network of trees and green spaces across the city. These natural assets will cool the city, enhance air and water quality, manage stormwater, and support community health and well-being. By applying best practices in urban forestry and fostering active community engagement, the urban forest will continue to grow, adapt, and thrive, ensuring a sustainable, livable future for all community members.

Goals & Strategies



PLAN: Strengthen governance, monitoring and resourcing to achieve the long-term vision

- Improve urban forest governance through interdepartmental collaboration and asset management integration.
- Monitor implementation and adapt management to achieve adopted targets and maintain service standards.
- Provide sufficient resourcing to implement the Urban Forest Strategy and align with best practices.



GROW: Expand the urban forest in alignment with community planning goals

- Improve policy, regulations, processes and standards for integrating trees and forests into the built environment.
- Integrate equity considerations into decision-making about urban forest investment.
- 6. Restore forests and enhance biodiversity.



PROTECT: Protect urban forest resources and increase the climate resilience of urban landscapes

- Protect trees and soil when possible and compensate for losses when necessary.
- Develop a coordinated approach for managing and resolving issues of park encroachment.
- Increase the climate resilience of Burnaby's urban landscapes and urban forest.



MANAGE: Maintain a healthy and safe urban forest

- 10. Maintain healthy and resilient trees using best management practices.
- 11. Maintain safe trees and forests to a reasonable standard of care.



ENGAGE: Involve the community in urban forest management

- 12. Enhance and build relationships with community partners to protect and enhance the urban forest.
- Build relationships with host Nations and Indigenous Peoples living in Burnaby to integrate Indigenous perspectives with urban forest management.
- Build community knowledge of and participation in urban forest management.

Key Actions



5 QUICK STARTS

- Establish an interdepartmental implementation team.
- Review the Civic Tree Reserve Fund.
- Explore new (external and internal) funding sources to support UFS implementation.
- Update landscaping requirements and guidelines.
- Update the Tree Bylaw and City Tree Management Policy for Public Lands to strengthen protection.

Key Actions



6 BIG MOVES

- Embed City-managed natural assets into asset management planning.
- Consider standardizing tree canopy cover/tree density targets, pervious area, and landscaped areas by land use.
- Develop a ten-year urban tree planting program.
- Develop a ten-year natural area restoration planting program.
- Explore the creation of a 'Parks Tree Reserve Fund'.
- Expand community stewardship opportunities.

Report Card

The Strategy will seek to improve Burnaby's urban forest management

This 'report card' highlights where current service levels could be improved to manage the urban forest more sustainably.



Urban Forest Report Card

2024 program grade (in colour)2040 ambition (if advanced from 2024)

PLANNING	Poor	Fair	Good Optimal
Awareness of the urban forest ————————————————————————————————————	-0-	-	—O———
Interdepartmental and municipal agency cooperation	-0-	-	—O———
Clear and defensible urban forest assessment and goals	-0-	-0-	—O——
Relative tree canopy cover	-0-	-0-	—
Municipality-wide management plan	-0-	-0-	——————
Municipal infrastructure asset management ————	-0-		—O—O—
Municipal-wide biodiversity or green network strategy -	-0-	-	—O—O—
Municipal urban forestry program capacity —————	-0-	-	—O—O—
Funding to implement the Urban Forest Strategy ——	-0-	-	—O—O—
GROW	Poor	Fair	Good Optimal
City tree planting and replacement program ————————————————————————————————————	-0-	-	_O_O_
privateland	- O-	-	—O———
Streetscape and servicing specifications andstandards for planting trees	-0-	-	-0-0-
Equity in planting program delivery ————————————————————————————————————		-0-	-0
Forest restoration/native species planting ————	-0-	-	—O—O—
Selection and procurement of stock in cooperation	-0-	<u> </u>	——————————————————————————————————————

Ecosystem services targeted in tree planting projects

MANAGE	Poor	Fair	Good	Optimal
Tree inventory —	-0-	-	_0	
Knowledge of trees on private property	-0-	-0-	-	<u> </u>
Natural areas inventory ————————————————————————————————————	-	-0-	<u> </u>	
Age/size cohort distribution ofinventoried trees	-0-	-0-		-0-
Species diversity of inventoried trees ————	-0-	-	$ \bigcirc$	- 0-
Climate suitability of inventoried trees————	-0-	- O-	-0	—0-
Knowledge of health condition of inventoried tree	s O-	-0-	<u> </u>	
Maintenance of inventoried trees —————	-0-	—	-0	—0-
Emergency response planning ——————		-0-	-0	-
Tree risk management ————————————————————————————————————	-0-	-	<u> </u>	
Pest and disease management ——————	-0-	—	-0	———
Waste biomass utilization ————————————————————————————————————	-0-		-0	- 0-
Tracking operational carbon footprints ————	-0-	—	-0	<u> </u>
PROTECT	Poor	Fair	Good	Optimal
Regulate protection and replacement of private _ and City trees	-0-		_0	
Regulate sensitive ecosystems, soils or permeabilit through private development	^y O-	—	-0	
Internal protocols guide City tree or sensitive ecosystems protection	-0-	—	-0	
Standards of tree protection/care observed ——	-0-	-0	-	
Cooperation with utilities ————————————————————————————————————	-0-	-	<u> </u>	-0-
ENGAGE	Poor	Fair	Good	Optima
ENGAGE Citizen involvement/neighbourhood action ——		Fair	Good	Optima
		Fair	Good	Optima
Citizen involvement/neighbourhood action ——		Fair	Good	Optima

Project Timeline

1 KEY FINDINGS

FALL 2023

STATE OF THE URBAN FOREST

- BACKGROUND RESEARCH
- BENCHMARK ANALYSIS
- KEY FINDINGS

INTERNAL ENGAGEMENT:

- STAFF INTERVIEWS & WORKSHOP #1
- COMMITTEE PRESENTATIONS

2 VISIONING

WINTER/SPRING 2024

INTERNAL ENGAGEMENT:

- STAFF WORKSHOP #2
- COUNCIL PRESENTATION

EXTERNAL ENGAGEMENT:

ENGAGEMENT ROUND 1

WE ARE HERE

4 CONFIRMING

DRAFTING

SUMMER/FALL 2024

INTERNAL ENGAGEMENT:

STAFF WORKSHOP #3

COMMITTEE PRESENTATIONS

COUNCIL PRESENTATION

WINTER 2024/2025

INTERNAL ENGAGEMENT:

- STAFF MEETINGS
- COMMITTEE PRESENTATIONS
- COUNCIL REPORT

EXTERNAL ENGAGEMENT:

ENGAGEMENT ROUND 2

5 IMPLEMENTING

2025

Next Steps

January - February

February – March

April

- ✓ Engage Community, ✓ Refine Urban Staff and City Leadership
- Forest Strategy based on engagement feedback
- ✓ Submit Final Report



Discussion

• Is there anything missing from the Quick Starts or Big Moves?

 What other potential opportunities can the City leverage to help carry out the UFS Action Plan?

THANK YOU!

