

Thank you for joining.
Program will begin shortly.



WELCOME TO THE PORT OF SEATTLE

All Port of Seattle facilities exist on Indigenous land.

We are grateful to respectfully live and work on these lands with the Coast Salish and Native people who walked here before us and who still walk here.

This land acknowledgment is one small act in the ongoing process of working to be in good relationship with the land and the people of the land.

Port of Seattle®





TELL US WHAT YOU THINK: SEA Land Stewardship Plan and SEA Tree Replacement Standards

November 8, 2023

WELCOME

AGENDA

1. Background
2. Land Stewardship Plan
3. Tree Replacement Standards
4. Q&A

SPEAKERS

Commissioner Toshiko Hasegawa

Port of Seattle

Sarah Cox

Director, Aviation Environment & Sustainability

Chipper Maney

Program Manager, Natural Resources

AJ McClure

Sr. Program Manager, Community Engagement



TODAY'S OBJECTIVE

Gather feedback from community members on the proposed SEA Airport Land Stewardship Plan and new Tree Replacement Standards, ensuring reflection of the Port's commitment to environmental land stewardship and community.



BACKGROUND

The Port operates essential transportation infrastructure to ensure the efficient movement of people and goods in the region and must utilize its land for development and operations, which can include tree removal.

At the same time, the Port recognizes the importance of balancing our operations with responsible use of resources, related to economic development, transportation, and natural resources.



PORT-WIDE ENVIRONMENTAL LAND STEWARDSHIP PRINCIPLES

- Comprehensive
- Capital program integration
- Equity lens
- Community partnerships
- Holistic ecology



SEA AIRPORT



A child wearing a blue raincoat and a hood is crouching in a forest, surrounded by numerous small saplings in black plastic pots. The child is actively engaged in planting one of the saplings. The forest floor is covered with fallen leaves and twigs, and the background is filled with dense green foliage and trees. The overall scene conveys a sense of environmental stewardship and nature conservation.

SEA AIRPORT LAND STEWARDSHIP PLAN (LSP)

SEA LAND STEWARDSHIP PLAN

Guidelines

- Exceed minimum regulations
- Enable sustainable operations/development
- Provide community and ecological benefits

Objectives

- Inventory, track and report
- Protect and restore habitat
- Connect and expand habitat
- Community partnerships
- Offset tree clearing impacts



PLANNING APPROACH

LAND INVENTORY

- **Define baseline condition** (land use, land cover, equity)
- **Complete new inventory every 5 years**

MANAGEMENT UNIT RECOMMENDATIONS

- **Define Management Units boundaries**
- **Site Constraints**
- **Ecological Values and Threats**
- **Recommended Management Approach**

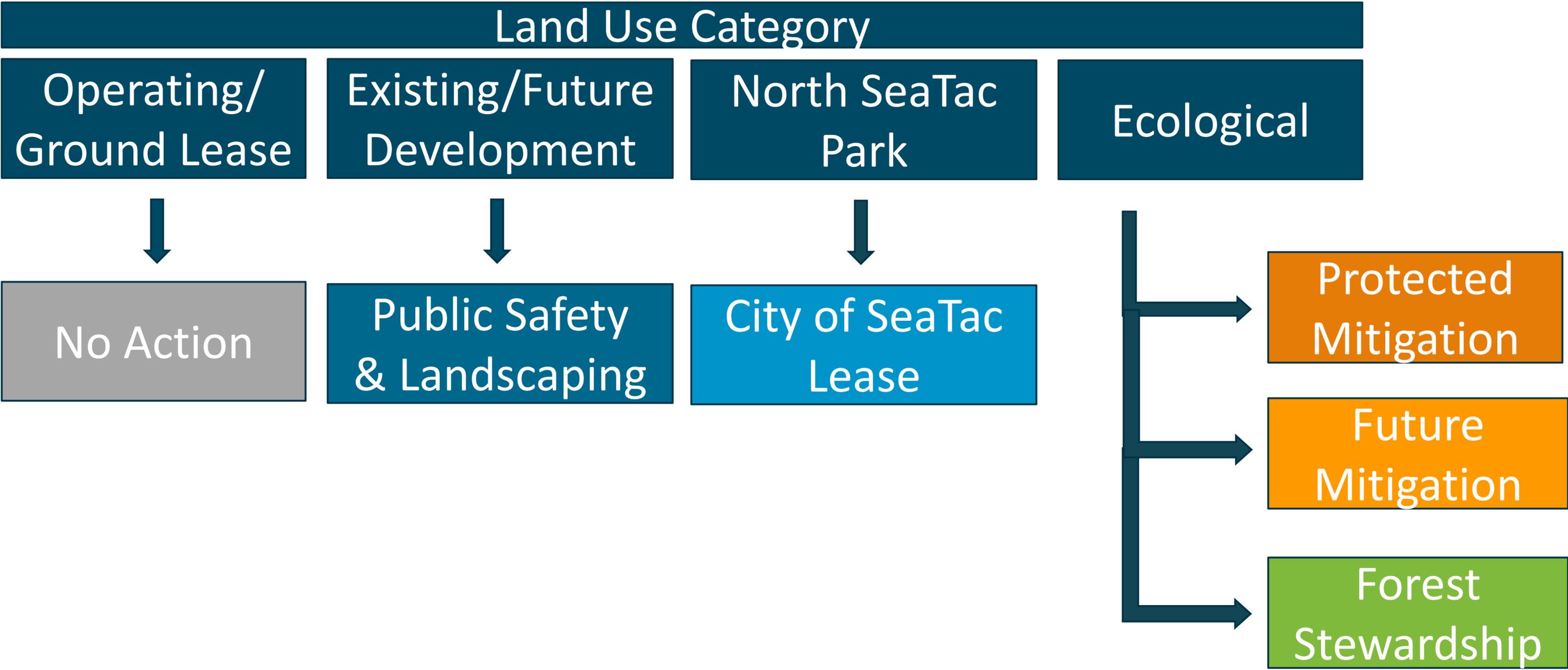
SITE-SPECIFIC STEWARDSHIP ACTIONS

- **Protect and maintain existing trees**
- **Restore invasive areas**
- **Plant new trees**
- **Maintenance/ public safety**

SITE PRIORITIZATION

- **Equity Benefit**
- **Ecological Benefit**

MANAGEMENT UNIT RECOMMENDATIONS



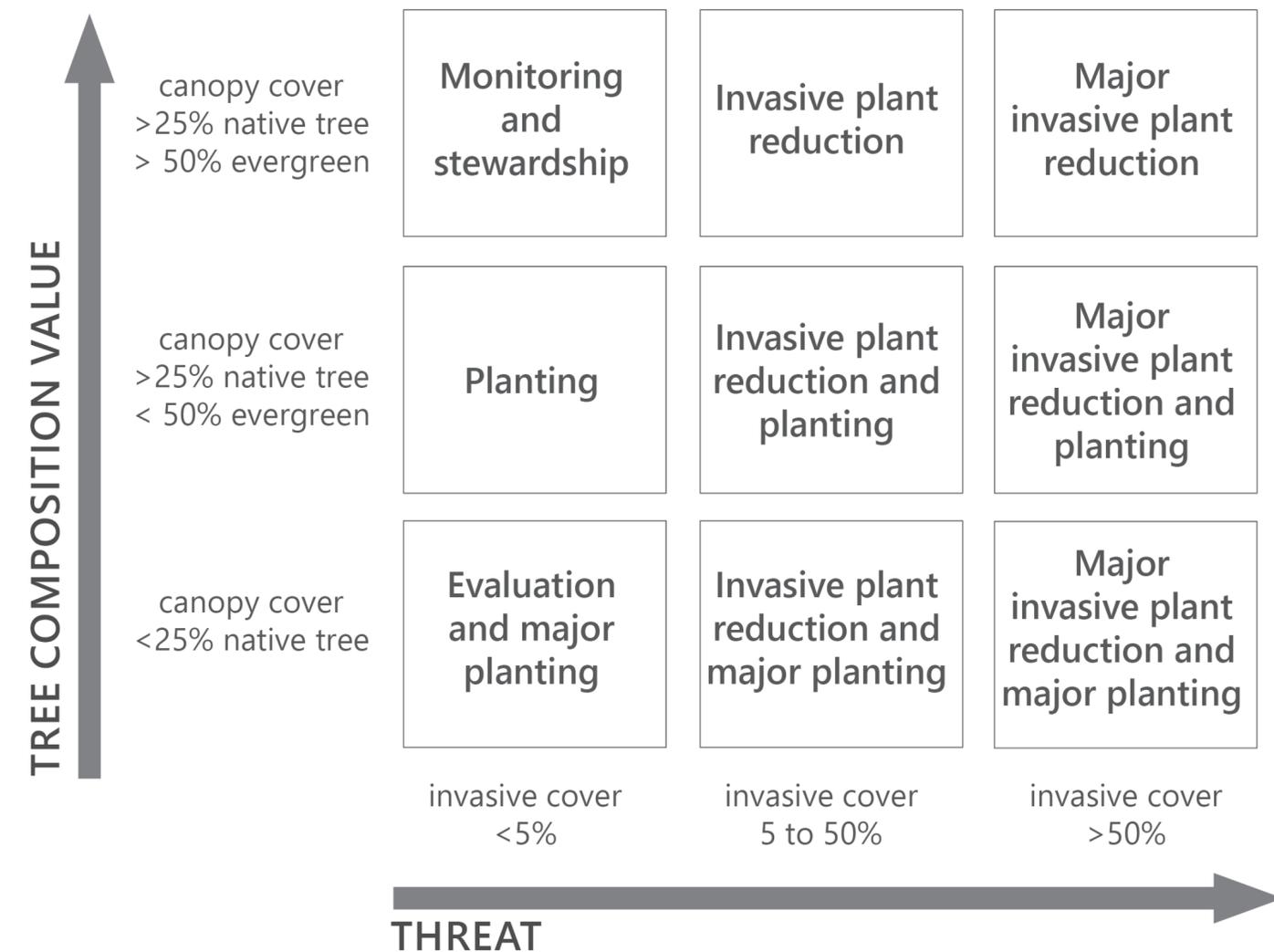
CONTIGUOUS HABITAT CORRIDORS



SITE-SPECIFIC STEWARDSHIP ACTIONS

- Based on extensive inventory and evaluation of existing ecological conditions (tree density; invasive threats; regulated streams/wetlands)
- Document potential for ecological lift and high-level stewardship costs

Matrix of Forest Stewardship Potential



SITE POTENTIAL

Stewardship Potential:

- Expands contiguous habitat
- Connects existing patches of habitat
- Restores fish passage

Equity Potential:

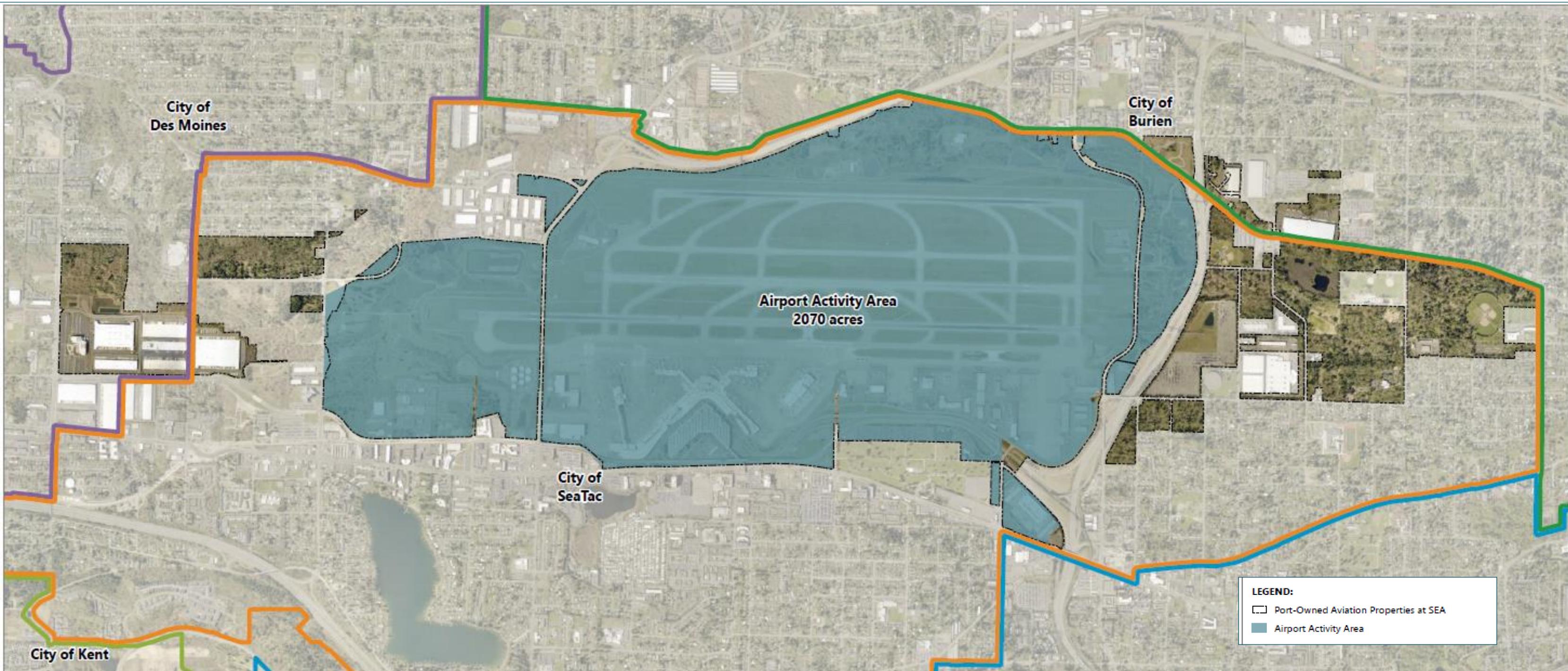
- Improves Port Equity Index
- Enhances physical accessible areas
- Enhances visually accessible areas
- Reduces Heat Island Effects





**TREE
REPLACEMENT
STANDARDS**

AIRPORT ACTIVITY AREA



OBJECTIVES

- Retain trees to the greatest extent feasible
- Mitigate ecological and community impacts of operations and development



GUIDELINES

- Aligned to Stewardship Principles and Plan
- Emphasize Tree and Forest Health
- Exceed regulations
- Ensure land area equivalence



REGULATED TREE

Defined as a minimum 6-inch diameter tree trunk



4:1 APPROACH

Every tree removed will be replaced with four “stewardship credits”

Replacement credit options:

- **Plant new trees** to increase canopy
- **Protect the life of existing trees** by removing ivy
- **Restore invasive species** areas to native plant communities



4:1 APPROACH CREDITS

Every tree removed will be replaced with four “stewardship credits”

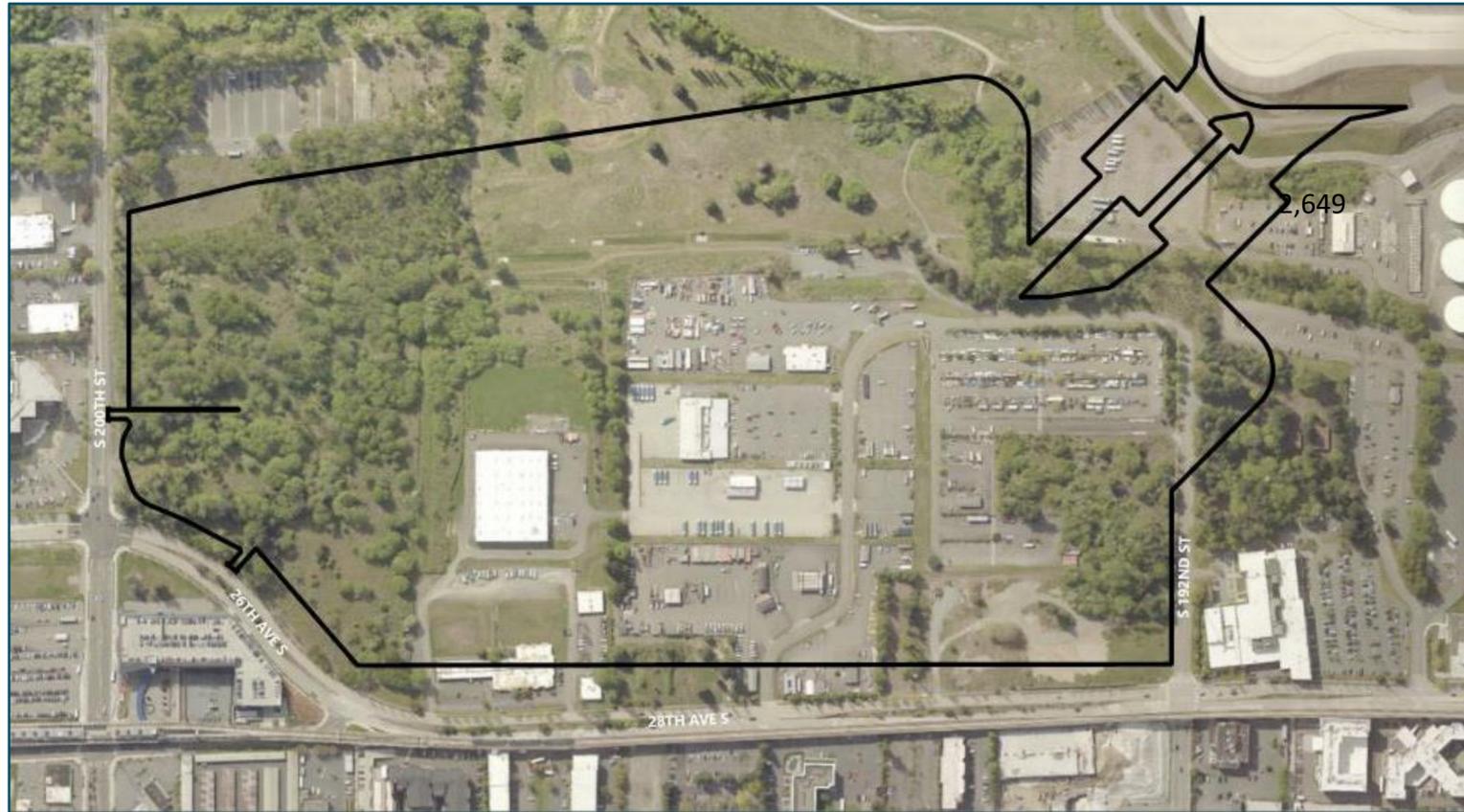
Stewardship credit options:

- **Plant new trees** to increase canopy **(1 tree planted = 1 credit)**
- **Protect the life of existing trees** by removing ivy **(1 tree protected = 1 credit)**
- **Clear invasive species** and restore a native understory **(200 sq feet restored = 1 credit)**

EXAMPLE

Existing Conditions

29 acres tree cover | 2,650 trees



Replacement Scenario

Impact: **2,650 trees cleared**

4:1 Replacement: **10,600 credits**

Stewardship Credits:

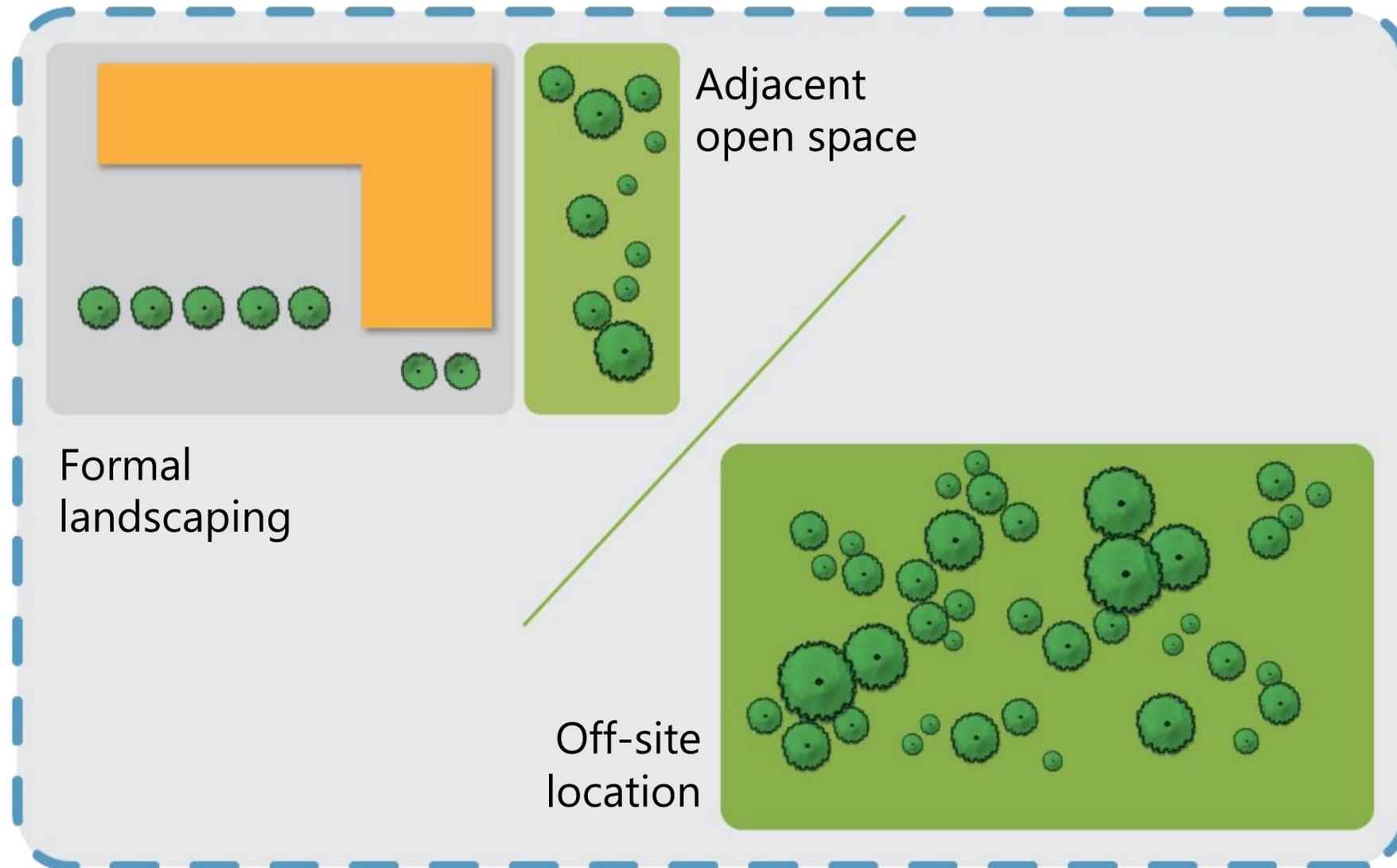
8,300 trees planted

+ 200 trees protected

+2,178 units (10 acres) of invasives

10,678 credits (30 acres)

TREE REPLACEMENT LOCATIONS



- Maximize tree canopy on the development site
- Prioritize adjacent open-space for additional replacement
- Off-site ecological areas if necessary

NEXT STEPS



NEXT STEPS

- **RESOURCES** available online
- **FEEDBACK PERIOD** until Wednesday, November 22
- **SEND QUESTIONS/COMMENTS** to EnvironmentSEA@portseattle.org
- **COMMUNITY TREE PLANTING EVENT** on Saturday, December 2

An aerial photograph of a dense, lush green forest. The trees are packed closely together, creating a vibrant canopy of various shades of green. A dark blue horizontal banner is overlaid on the right side of the image, containing the word "QUESTIONS?" in large, white, bold, sans-serif capital letters. The banner has a thin light green vertical bar on its left edge.

QUESTIONS?

Thank you for joining today.

EnvironmentSEA@portseattle.org

