



PLANNING COMMISSION

Tree Canopy Strategic Plan

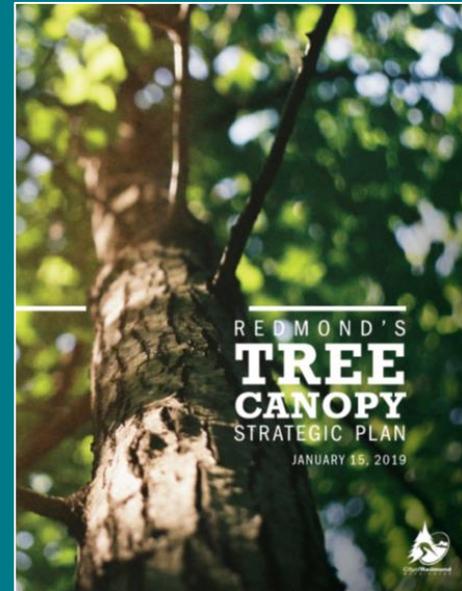
Jeff Aken

November 6, 2019

Purpose

Review Tree Canopy Strategic Plan:

- Process
- Goals
- Strategies
- Timeline
- Early Outcomes



Overview

- Strategic plan adopted January 15, 2019
 - Upcoming policy amendments
 - Future tree code evaluation



Looking back

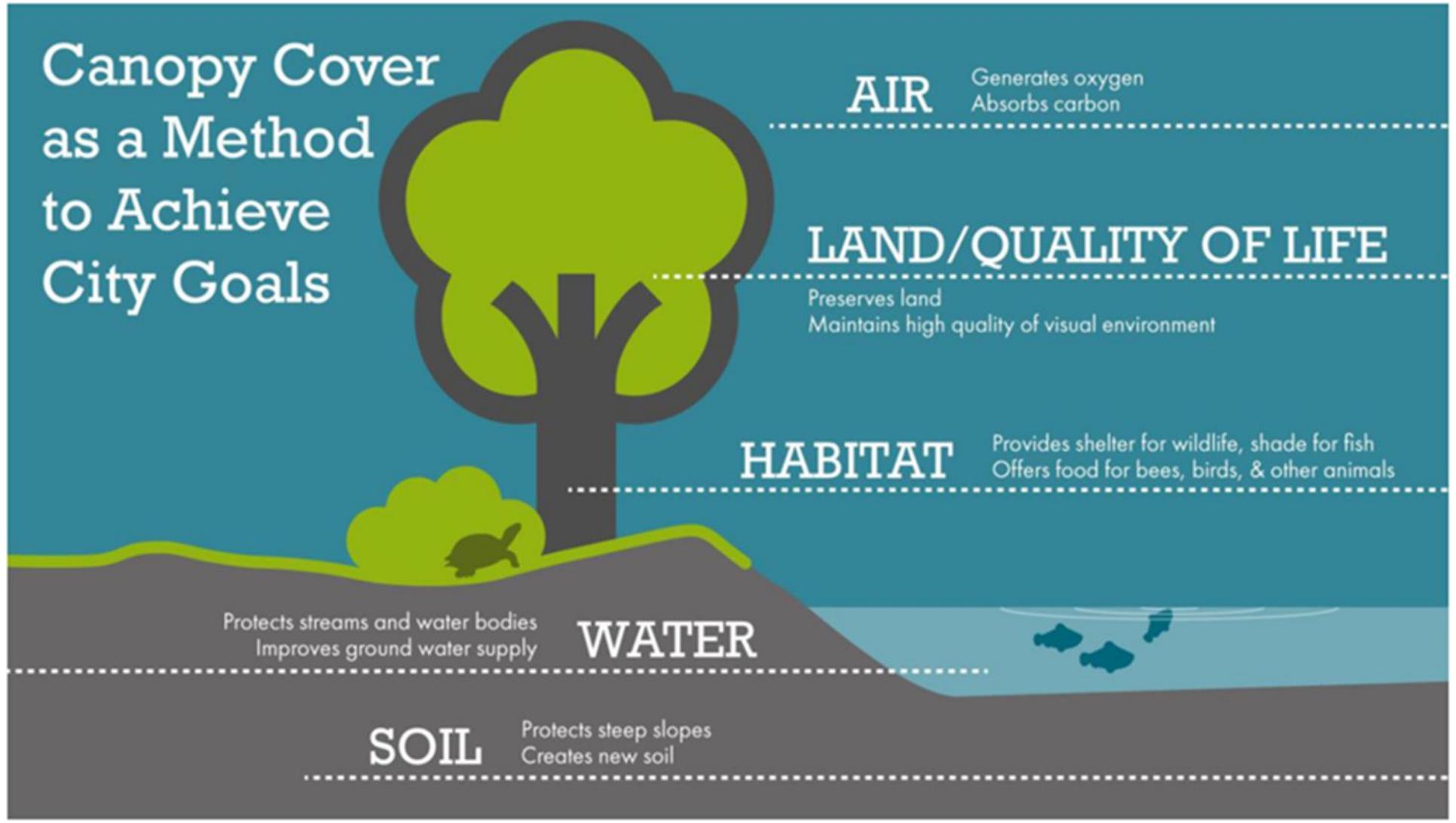
- 2017 Parks, Arts, Recreation, Culture & Conservation (PARCC) Plan
 - Interdepartmental Team of Subject Matter Experts
 - 18-month process to develop goals/strategies and get community feedback

City Strategic Priority

- Clean & Green
- Environmental Investments
- Paris Climate Agreement
- Climate Action Plan
- Parks, Arts, Recreation, Culture and Conservation Plan
- Watershed Management Plan
- Green Redmond 20-Year Forest Management Plan



Canopy Cover as a Method to Achieve City Goals



AIR

Generates oxygen
Absorbs carbon

LAND/QUALITY OF LIFE

Preserves land
Maintains high quality of visual environment

HABITAT

Provides shelter for wildlife, shade for fish
Offers food for bees, birds, & other animals

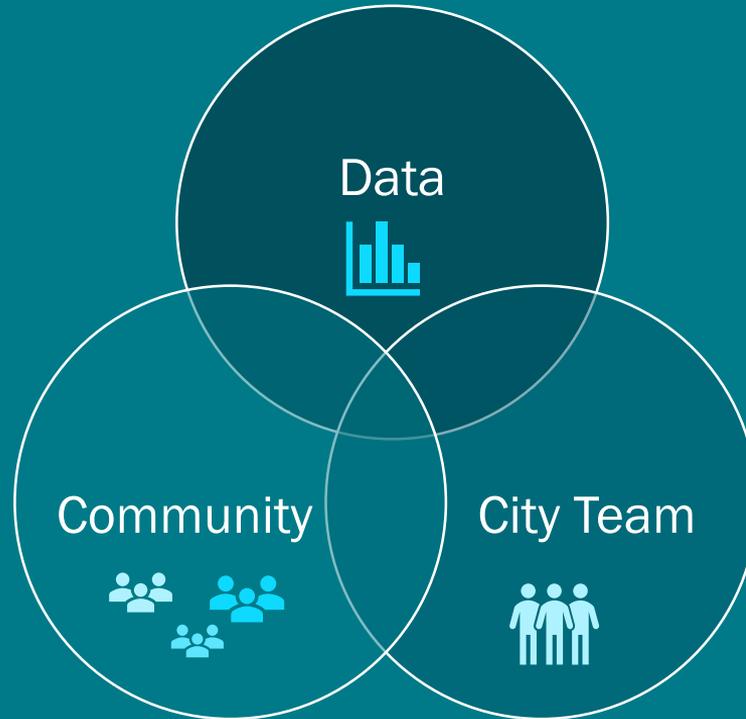
Protects streams and water bodies
Improves ground water supply

WATER

SOIL

Protects steep slopes
Creates new soil

Process



Community Involvement



- Outreach
 - So Bazaar
 - Redmond Lights
 - OneRedmond
 - King County
 - Peer Cities
- Online Questionnaire
- Online Open House



The Tree Canopy poll from Sept 2017 tells us that...

68%

...feel that more needs to be done to protect and plant trees

51%

...would be willing to plant new trees on their property

65%

...support an increase in the City's budget for tree planting and maintenance on public property

50%

...would volunteer to plant and maintain trees on public property

83%

...think the City should designate land to plant trees in areas where more trees are desired



City of Redmond
WASHINGTON

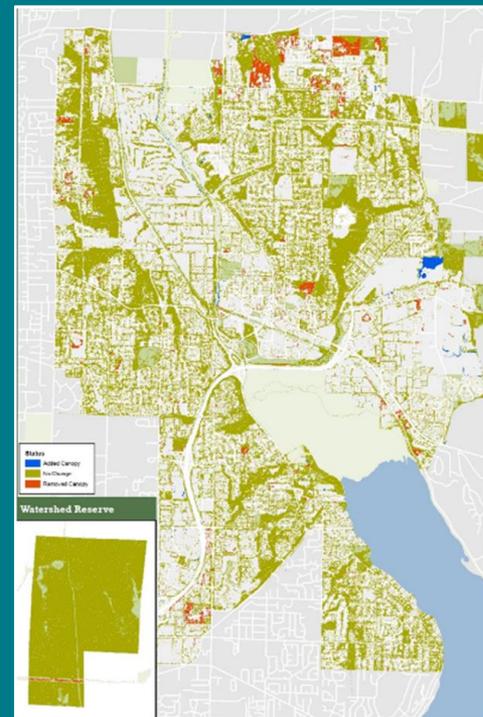
Data

2017 Canopy Cover

- 38.1% Tree canopy
- 34.1% Structures/Roads
- 27.8% Opportunity

Contiguous City

- 33.3% Canopy
 - Excludes Watershed, Farrel-McWhirter, Juel, Perrigo Annex, Martin parks



Methodology

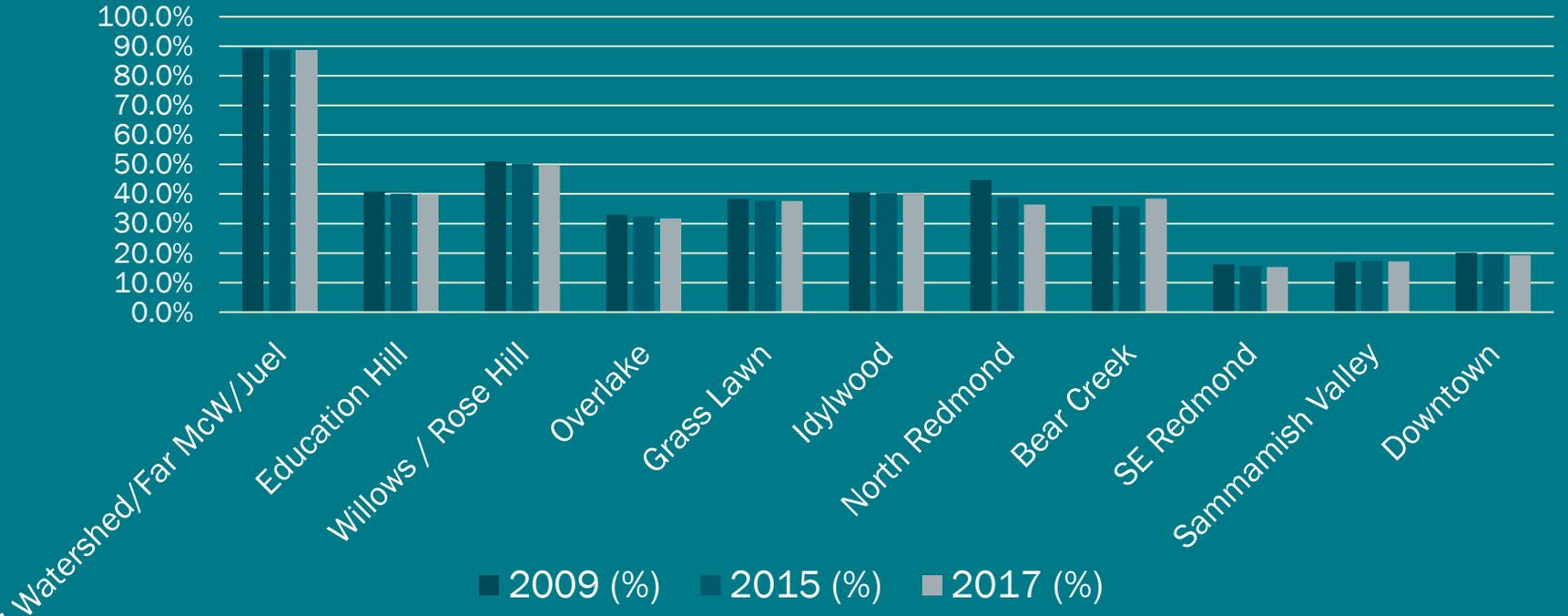
LIDAR

- Light detection and ranging
- Vegetation greater than 10'
- 8-year intervals

- Aerial Photography
 - Separate vegetated from non-vegetated
- 2-year intervals



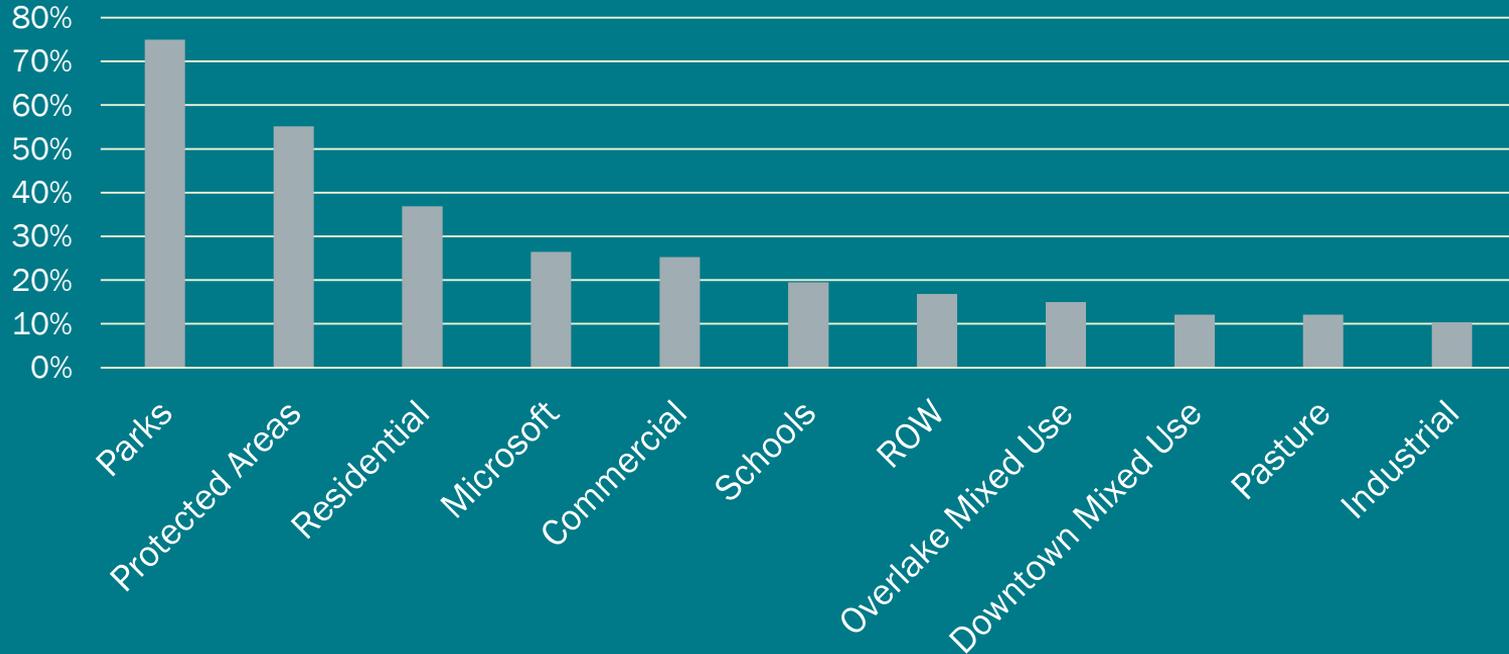
Canopy by Neighborhood



Canopy by Land Uses



Existing Canopy (%)



Canopy Goal

- 40% Canopy Goal
 - ~200+ acre increase
- 30-year timeframe



Strategies



Strategy	Cost	Opportunity	Canopy Impact
Educate	\$	High	Moderate
City Led Planting	\$\$\$	Moderate	High
Private Planting Incentives	\$	High	Low-Moderate
Regulations	\$	Low	Moderate
Volunteers & Partnerships	\$	Moderate	Low to Moderate
Acquisition (Opportunity Sites)	\$\$\$	Low	High
Data Analysis	\$	Moderate	Moderate

Six-Year Implementation Strategies



Educate



Planting on Public Property



Private Planting Incentives



Review Regulations

Long-Term Implementation



0-10 Years

- Refine data
- Launch new initiatives
- Educate Stakeholders
- Achieve No Net Loss

10 - 20 Years

- Increase Canopy beyond baseline
- Public & Private Planting Efforts

20 - 30 Years

- Continue Mix of Strategies
- Achieve Goal
- Maintain Forest Health

Progress to date

- Outreach & Education
- City-led Planting
- Volunteer & Partnerships



Next Steps

- Comprehensive Plan Amendments
- Tree Code Evaluation
- On-going Budget Offers (2021-2022)



Thank you. Any Questions?

Jeff Aken, Senior Park Planner

You can reach me at jaken@redmond.gov or 425-556-2328