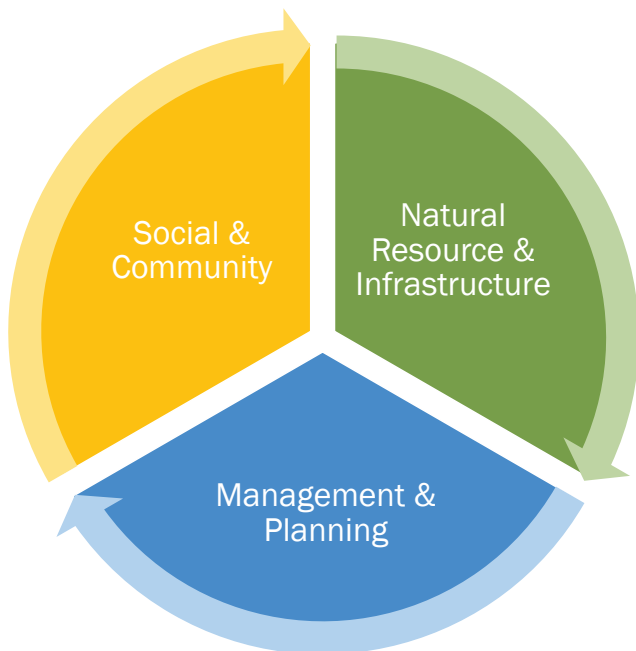




Urban Forestry Program

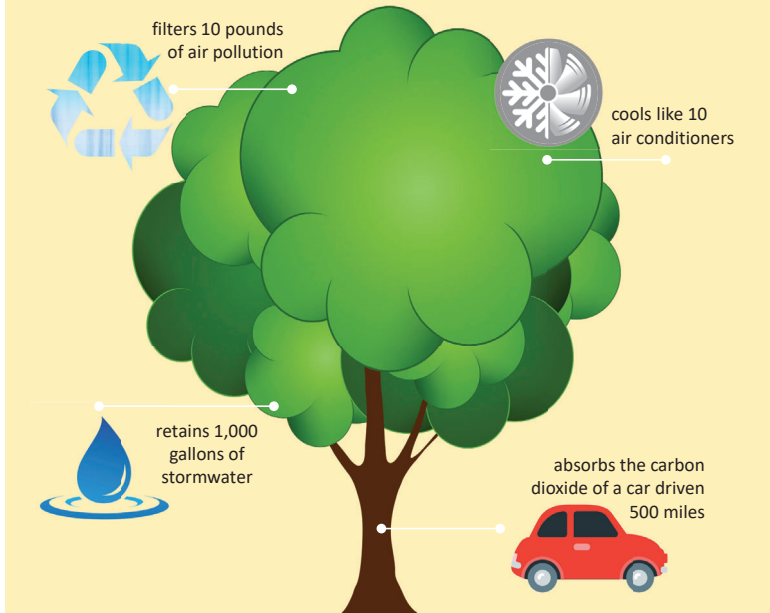
Overview



- The Urban Forest is a built environment that requires planning and management
- Decisions made today shape the community for generations
- Excellent return on investment

Benefits of Urban Trees

EVERY YEAR, ONE LARGE TREE



- Improve air quality, temperature and pollution reduction
- Water management, storage and treatment
- Reduce energy consumption
- Climate change mitigation
- Wildlife habitat and corridors
- Connection to nature

Building Trust and Confidence



Urban Forestry's Mission -
Maximize the social, economic and environmental benefits of Eugene's urban forest and to minimize its costs and liabilities by means of adaptive management and community engagement.

- Society of Municipal Arborists accreditation
- Tree City USA – 44 consecutive years

Climate Action Plan 2.0

Six Specific UF Actions

R11

Increase average urban tree canopy to 30%

R12

Track and maximize ecosystem services benefits
Establish baselines, assess and report annually

R13

Develop updated Urban Forestry Management Plan

R14

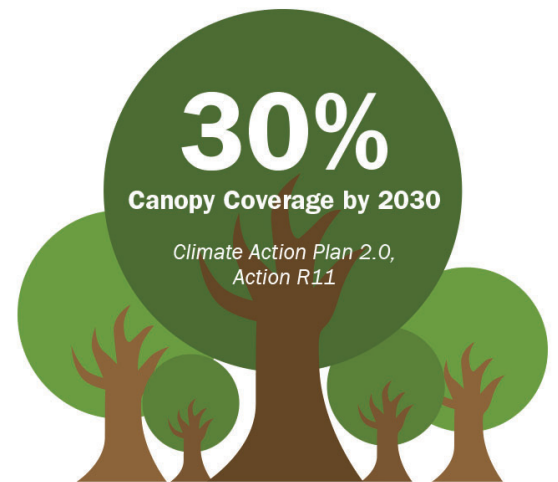
Solidify 10-year pruning cycle

R15

Establish regional tree planting collaboration and
community engagement

R16

Enhance soil standards and monitor health of new
trees through establishment period



Urban Forestry Management Plan

Develop updated vision and action plan



- Current plan is almost 30 years old
- Update to begin this year
 - Identify and correct gaps in tree preservation codes
 - Increase soil quality and volume
 - Explore alternatives to ROW limitations
 - Infill planting strategy

Data and Asset Management

GIS technology brings efficiencies



- Puts information into the hands of field staff and contractors.
- Streamlines communication.
- Accurate forecasting
- Allocate resources and identify gaps
- FEMA reimbursement

Street Tree Inventory



Accounts for **25%** of the
total urban forest



85,000

Street trees spread across 538 miles
of public street right-of-way

Meet the Team

The PNW's most experienced and professional municipal arborists



- 10 FTE
- 26 individual ISA certifications
- Top quality contractors
- Tree risk assessors assisted after Holiday Farm Fire
- “Team Eugene” gained national recognition in aerial rescue competition

Critical Services



- Pruning and removal
- Storm and 24/7 hazard response
- Developer street tree program
- Watering program
- Development review
- Contract management
- Capital project consulting
- Inspection and calls for service
- Tree protection and valuation
- Code enforcement
- Sidewalk program support

Canopy Coverage

Increase average urban tree canopy to 30%



- Eugene is currently approx. 23%
- Below national average
- Trending in the wrong direction
- Will take a systematic and customized approach to reach our 10-year goal

Currently losing 1% annually:

- Equal to 32.5 Hayward Field Stadiums
- Would take 40,000 young trees to refill the stadiums

Preventative Tree Maintenance

Solidify 10-year average pruning cycle



- Pruning cycle is a systematic approach to pruning across the city
- Ensures good tree health and storm resiliency
- Maximizes the ecological services of mature trees

Trees Pruned Each Year:

2017 - 1,825
2018 - 1,903
2019 - 2,275
2020 - 8,014

Trees pruned in 2020
4x the previous three
year average

Street Tree Planting



Approved Street Tree List and Planting Guide

- Diverse and comprehensive list
- Climate adapted and resilient trees
- Maximize ecological services

In-House Mini Nursery

- Holistic, full-cycle approach
- Low cost option
- Ensures availability and quality

Planting strategies:

- 🌲 Prioritize neighborhoods with minimal canopy coverage
- 🌲 Focus on replanting all trees we remove
- 🌲 Maximize tree planting on Capital projects

Thank you!

Urban Forest is a built environment
that mimics natural processes

Decisions made today shape the
community for generations.

Commit to:

- preserve what we have
- increased planting

$$\frac{\$3}{\$1} = \text{ROI}$$

- FY20 Green Infrastructure Annual Report. bit.ly/greenFY20
- Climb a tree with Urban Forestry

