



Sustainable Bellevue Community Townhall

Environmental Stewardship Initiative

Jennifer Ewing, Environmental Stewardship Program Manager
Ana Hagerup, Resource Conservation Program Manager

July 13, 2021

Agenda

- Welcome + Team Introductions
- 2020 Environmental Performance Metrics
- Online Poll
- 2021-2022 Environmental Stewardship Workplan and Accomplishments
- Questions + Discussion
- Group Discussion: Ways to Get Involved
- Closing

Welcome + Team Introduction

- Welcome
- Introduce the Environmental Stewardship Initiative Team:
 - Jennifer Ewing, Environmental Stewardship Program Manager
 - Ana Hagerup, Resource Conservation Program Manager
 - Rachel Wells, Americorps Urban Forestry Specialist
 - Brooke Brod, Community Engagement Lead

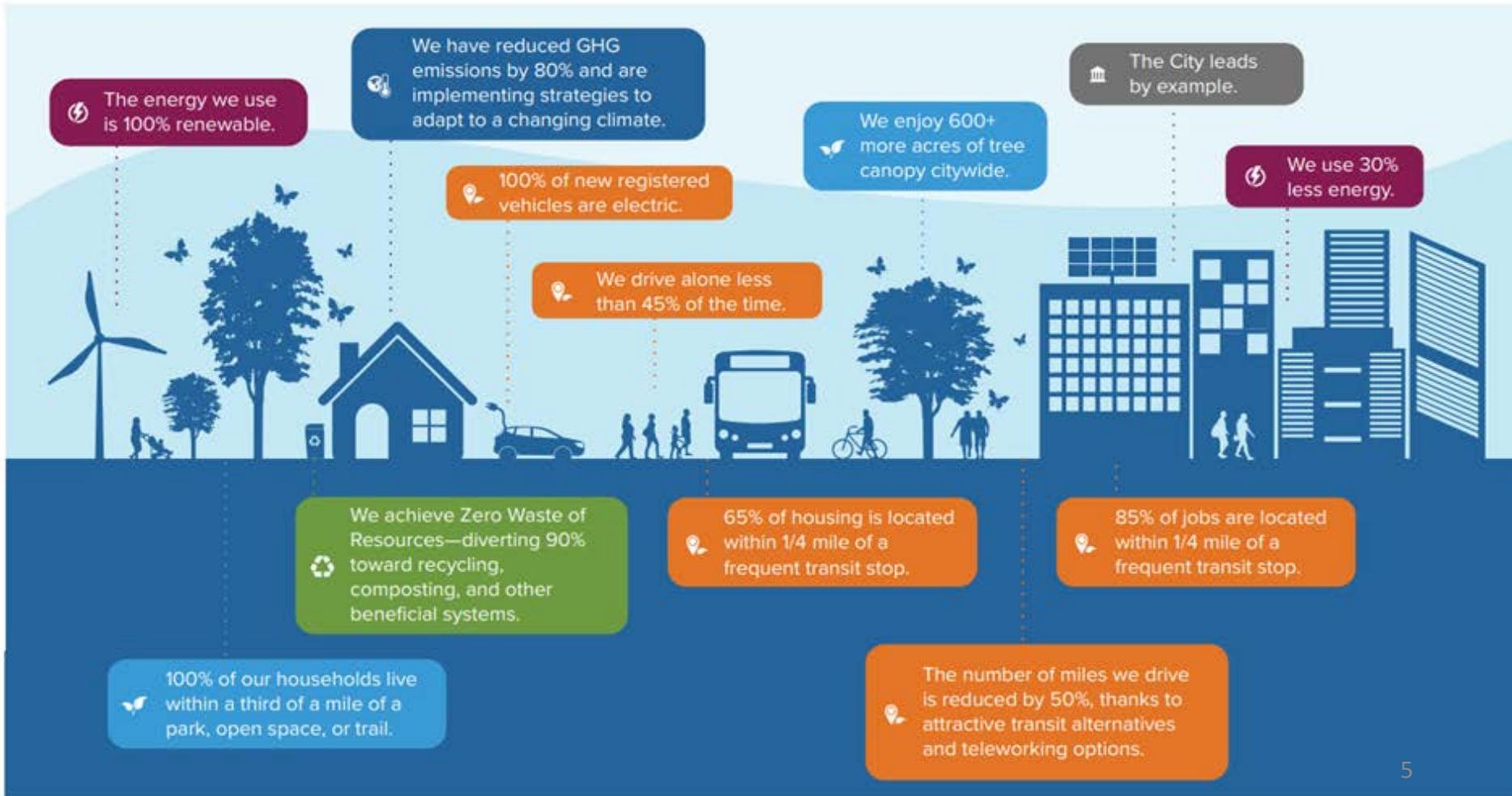
Environmental Stewardship Plan

Vision



Goals and Targets

By 2050...



Participant Poll

Join at
slido.com
#SustainableBellevue



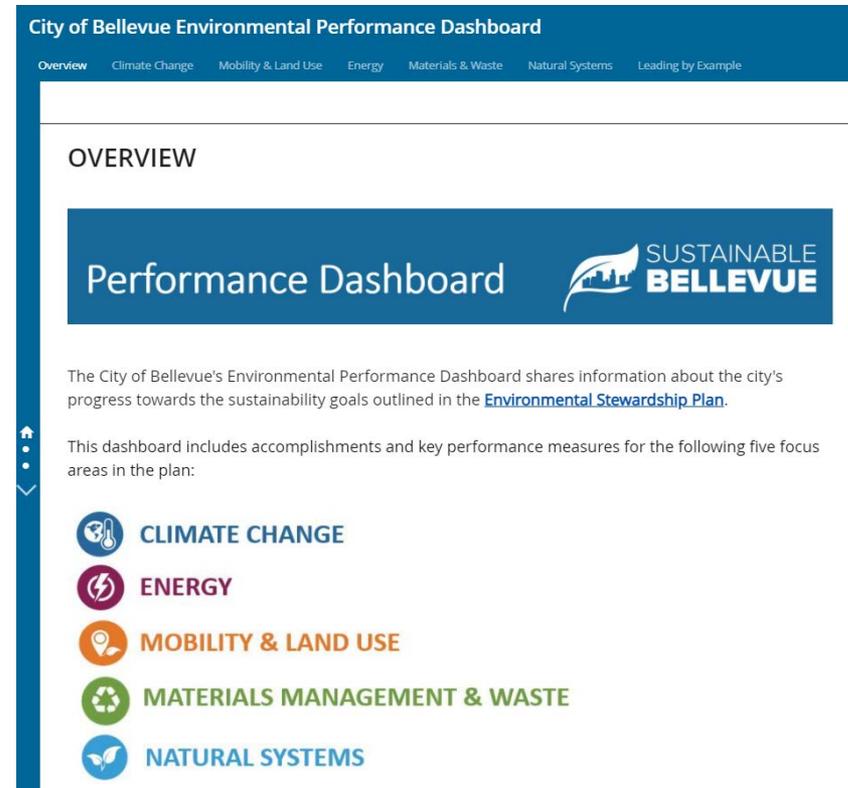
2020 Environmental Performance Metrics



Environmental Stewardship Plan

Council Direction

- Enhanced engagement on plan implementation
- Quarterly updates on plan implementation progress
- Annual updates on key performance indicators
 - GHG emissions
 - Energy use
 - Waste / recycling
 - Mobility and Land Use
 - Natural systems



The screenshot shows the 'City of Bellevue Environmental Performance Dashboard'. At the top, there is a navigation menu with 'Overview' selected, and other options: 'Climate Change', 'Mobility & Land Use', 'Energy', 'Materials & Waste', 'Natural Systems', and 'Leading by Example'. Below the menu, the 'OVERVIEW' section features a 'Performance Dashboard' header with the 'Sustainable Bellevue' logo. The main content area contains the following text:

The City of Bellevue's Environmental Performance Dashboard shares information about the city's progress towards the sustainability goals outlined in the [Environmental Stewardship Plan](#).

This dashboard includes accomplishments and key performance measures for the following five focus areas in the plan:

-  CLIMATE CHANGE
-  ENERGY
-  MOBILITY & LAND USE
-  MATERIALS MANAGEMENT & WASTE
-  NATURAL SYSTEMS

www.Bellevuewa.gov/esiperformance

Community Indicators

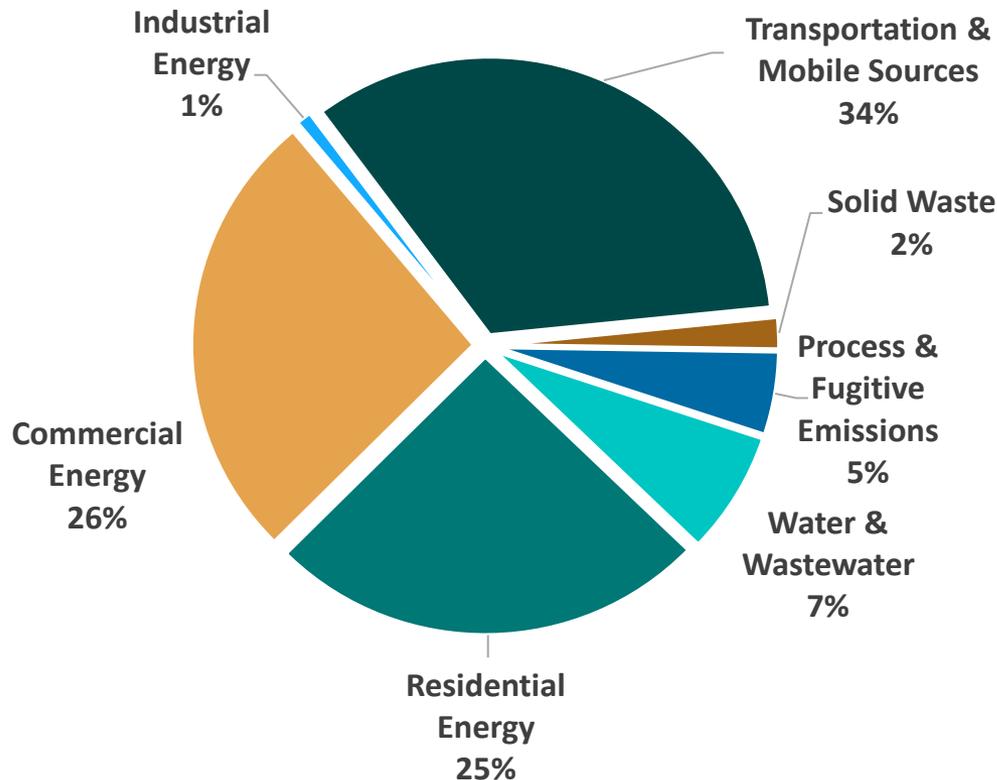
Progress 2011-2020		Progress 2019-2020	2030 Target
	 26% reduction in community GHG Emissions.	↓ 19%	50%
	 3% registered electric vehicles	≡ 3%	25%
	 39% reduction in per capita passenger car VMT	↓ 31%	20%
	 10% reduction in energy use	↓ 14%	15%
	 45% recycling rate (includes compost & recycling)	↑ 45%	50%
	2020 73% of residents living within 1/3 mile of a park, open space, and/or trail	≡ 73% 2020	80%
	2020 73% of residents living within 1/3 mile of a park, open space, and/or trail	80%	
	TBD Stream Health (metric TBD)	TBD	

Communitywide

Greenhouse Gas Emissions

Building energy use and Transportation account for **86%** of Bellevue's GHG emissions

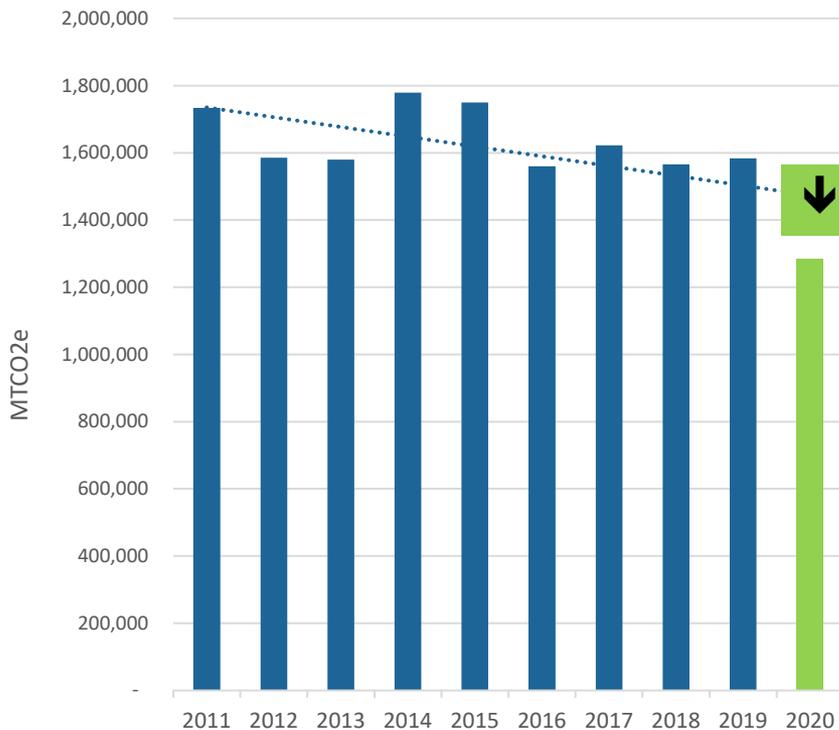
GHG Emissions by Sector - 2020



Impact of COVID-19

Community environmental indicators

Communitywide GHG Emissions



TRANSPORTATION

↓ 31% per capita vehicle miles traveled



COMMERCIAL BUILDINGS

↓ 22% electricity use



RESIDENTIAL BUILDINGS

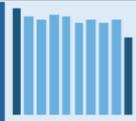
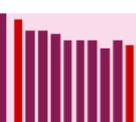
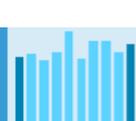
↑ 4% electricity use



WASTE AND WASTE WATER

↑ 45% recycling rate

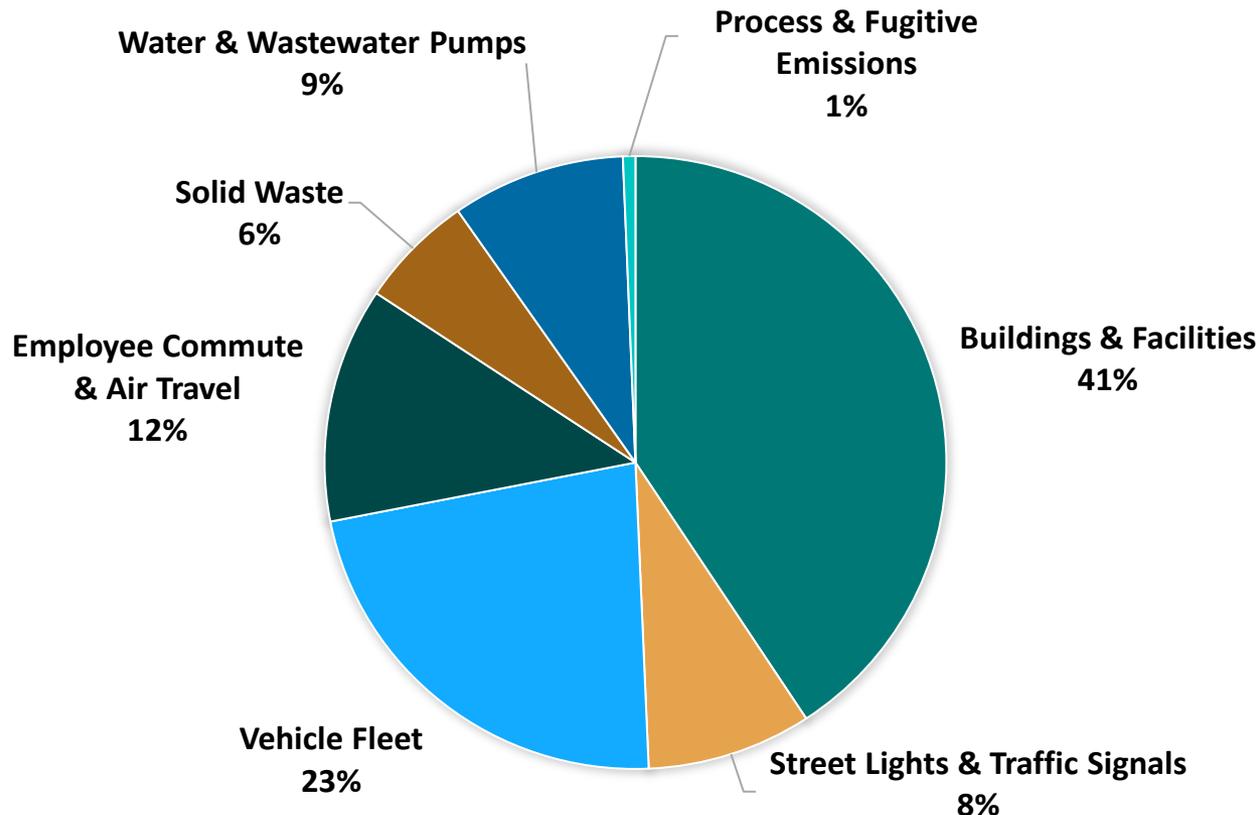
Municipal Operations Indicators

Progress 2011 - 2020		Progress 2019 - 2020	2030 Target
	 28% reduction in municipal GHG emissions	↓ 20%	50%
	 18% fossil fuel reduction from fleet vehicles	↓ 40%	15%
	 25% reduction in building energy use	↓ 6%	25%
	 70% recycling rate (includes compost & recycling)	↓ 60%	80%
	 18% increase in indoor & outdoor water	↑ 9%	5%
	 18% increase in indoor & outdoor water	5%	
	 TBD % of forest in healthy condition	TBD	

Municipal Operations

Greenhouse Gas Emissions

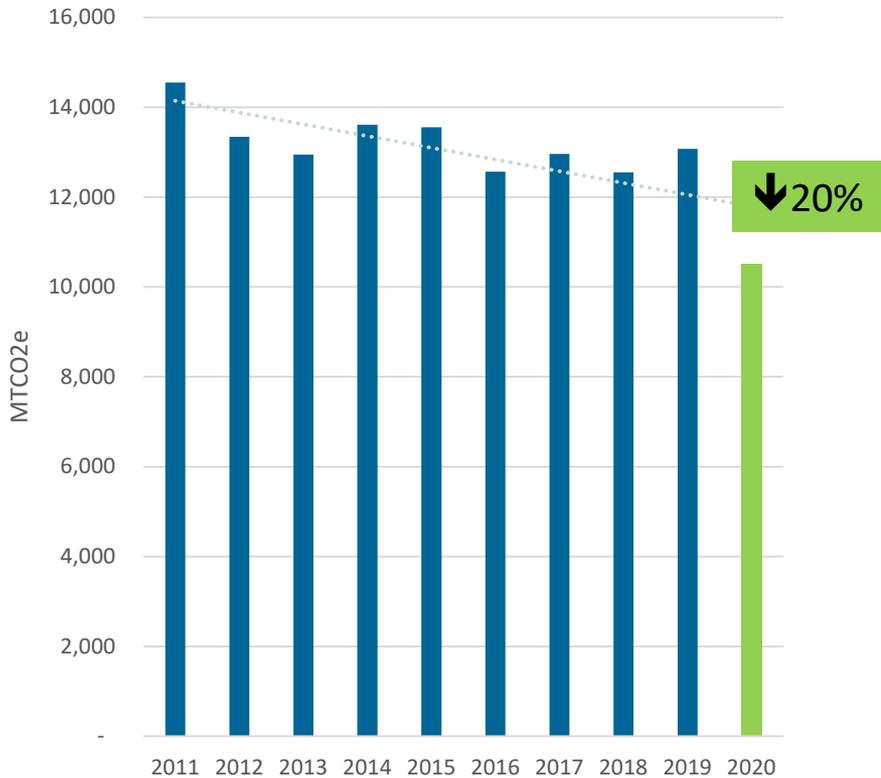
Buildings, Fleet, and Employee Commute account for 76% of municipal operations GHG emissions



Impact of COVID-19

Municipal Operations environmental indicators

Municipal GHG Emissions



25% energy reduction in city-owned buildings



18% fossil fuel reduction in municipal fleet vehicles



33% emissions reduction in employee commute & air travel



10% decrease in recycling rate

Online Poll

Join at
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2021 – 2022 Environmental Stewardship Workplan



Sustainable Bellevue Partnership



ENVIRONMENTAL STEWARDSHIP INITIATIVE

Sustainable Bellevue Partnership

SUSTAINABILITY LEADERS GROUP

- Businesses
- Non-profits
- Business organizations
- Environmental organizations

WORKING GROUPS

- Trees
- Residential energy
- Commercial energy
- Climate resiliency

RESIDENTS

- Single-family and multi-family housing
- Faith-based and cultural groups
- Schools
- Home owner associations

2021 Workplan

Action Highlights



Climate Challenge
Climate vulnerability
assessment



Mobility Implementation Plan
Wilburton, BelRed



Clean Buildings Act Support
Home energy retrofit program



Multi-family recycling outreach



Green Fleet Strategy
City Facility Energy Efficiency



Tree planting and Tree
Giveaway program
Watershed Management Plan

2021 Accomplishments



Trees

- Completed design of tree giveaway program
- Launched the Tree Giveaway application
- Identifying community partners for tree planting

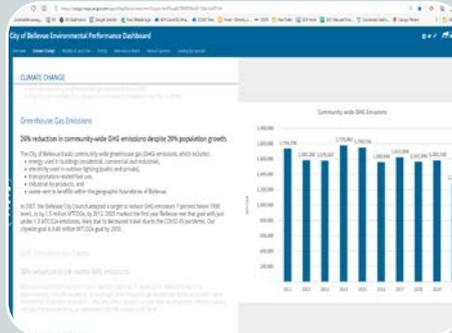
Energy

- Program Design for Clean Buildings Act Technical Support
- RFQ for technical support consultant

Community Engagement

- Launched the Sustainable Bellevue Partnership
- July 13 Sustainable Bellevue Online Community Townhall

2021 Accomplishments



Funding

- \$129k grant awarded from WA Department of Commerce for energy efficiency for city facilities
- \$35k donation from Amazon for tree planting

2020 Performance Report

- Updated the ESI Performance Dashboard with 2020 environmental performance results
- Bloomberg What Works Cities Certification

Municipal Operations

- City Hall garage lighting upgrades
- Building tune-ups and air quality
- Free EV charging stations from PSE at Bellevue Service Center
- 2 new electric vehicles

Questions + Discussion



Group Discussion



Next Steps + Opportunities for Engagement



- City Council Quarterly update presentation; 7/19, 6:00 PM
- Learn about how to help preserve our streams:
 - Watershed Management Plan; Community Based Organization webinar 7/26, 6:30 – 7:30PM
- Plant trees:
 - Tree Giveaway webinar, 8/3 5:30 PM
 - Tree giveaway applications due August 16th
 - Suggest heritage trees and tree planting locations
- Share your voice:
 - Mobility Implementation Plan; Transportation Commission June – Dec, survey, and public hearing
 - Land use planning efforts: affordable housing (and green building), Wilburton and BelRed
- Track progress:
 - EngagingBellevue.com: register for more updates
 - Sustainable Bellevue newsletter

An aerial photograph of a city skyline, likely Bellevue, Washington, featuring numerous modern high-rise buildings with glass facades. The sky is blue with scattered white clouds. A solid blue horizontal banner is positioned across the top of the image, containing the text 'Thank you!' in white. Below the banner, the city buildings are visible, with a mix of architectural styles. In the foreground, there are green trees and a parking lot. At the bottom of the image, there is a semi-transparent grey box containing contact information for Jennifer Ewing.

Thank you!

Jennifer Ewing, Environmental Stewardship Program Manager
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Community Development Department