



Sustainable Bellevue Plan Update

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City of Bellevue

February 6, 2025

Agenda

1. Plan Update Context and Overview
2. Major Accomplishments
3. 2023 Progress
4. Resilience
5. Focus Area Overview
6. Questions



Climate Change in Bellevue



Extreme Heat



Extreme rain and
flooding



Drought



Stream changes



Wildfire/smoke

Sustainable Bellevue Plan Overview

Bellevue's plan to reduce greenhouse gas emissions and prepare for the impacts of climate change

- Longterm plan (2020-2050)
- Updated every five years
- Strategies and actions in five focus areas



Climate Change



Energy



Mobility & Land Use



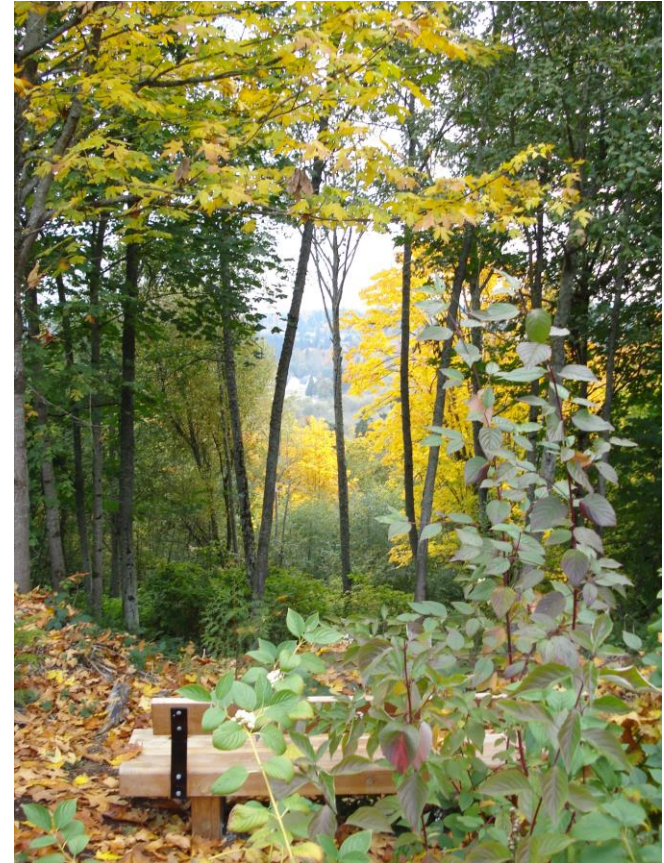
Materials Management & Waste



Natural Systems

Timeline

-  **Plan Update Launch**
October 2024
-  **Phase I: Draft Goals and Targets**
November 2024-January 2025
-  **Phase II: Draft Strategies**
February 2025-June 2025
-  **Phase III: Draft Plan**
July 2025-October 2025
-  **Expected Plan Adoption**
November 2025 (subject to change)



Our Vision



Major Accomplishments

Highlights:

- Tree code updated
- 130 heat pumps installed
- New climate policies in Comp Plan
- Climate Vulnerability Assessment
- EV Roadmap
- 3,000+ trees planted
- Clean Buildings Incentive Program launched
- Piloted heat and smoke safety kit program
- Supported 600 buildings in improving recycling
- Achieved our 2030 Municipal Operations GHG reduction goal

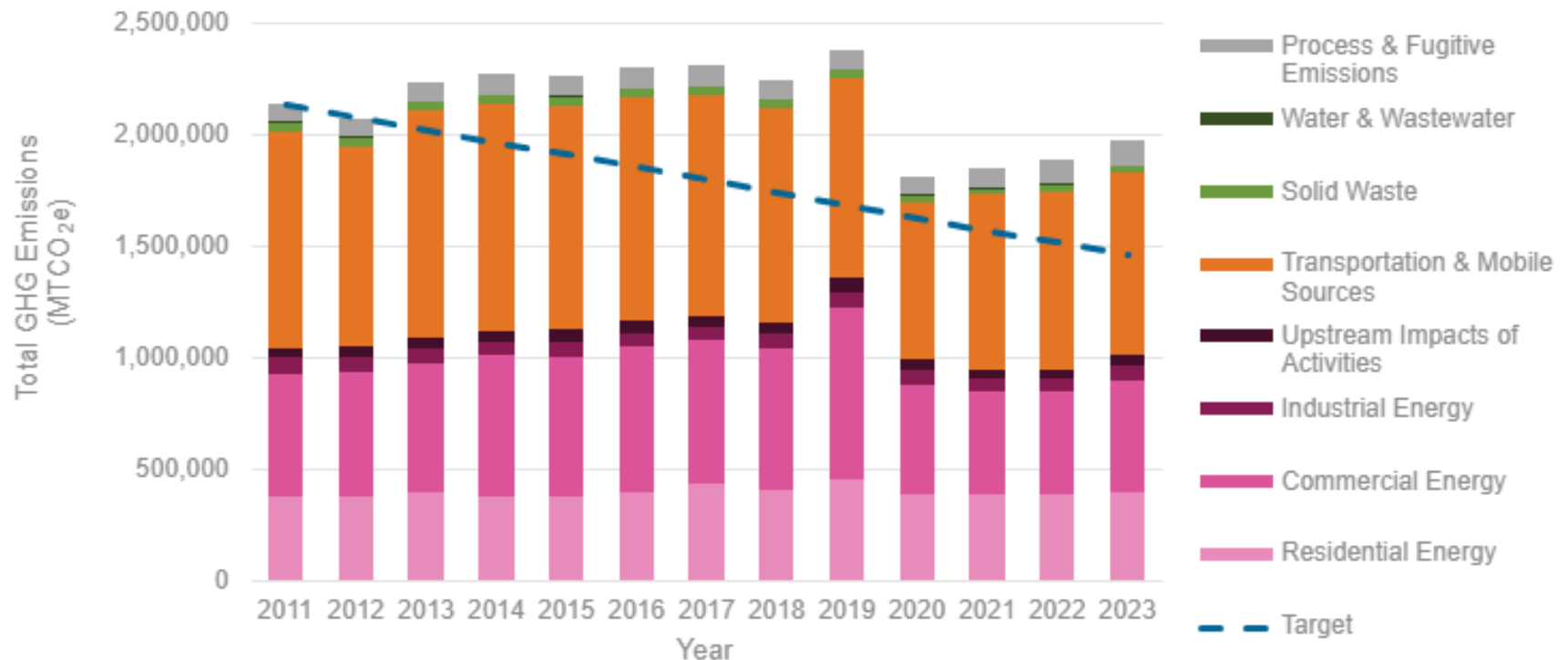
...and more!



2023 Citywide GHG Inventory

2023 emissions were:

- ↑ 4.5% from 2022
- ↓ 7.7% below 2011 baseline
- ↓ 26% per capita emissions

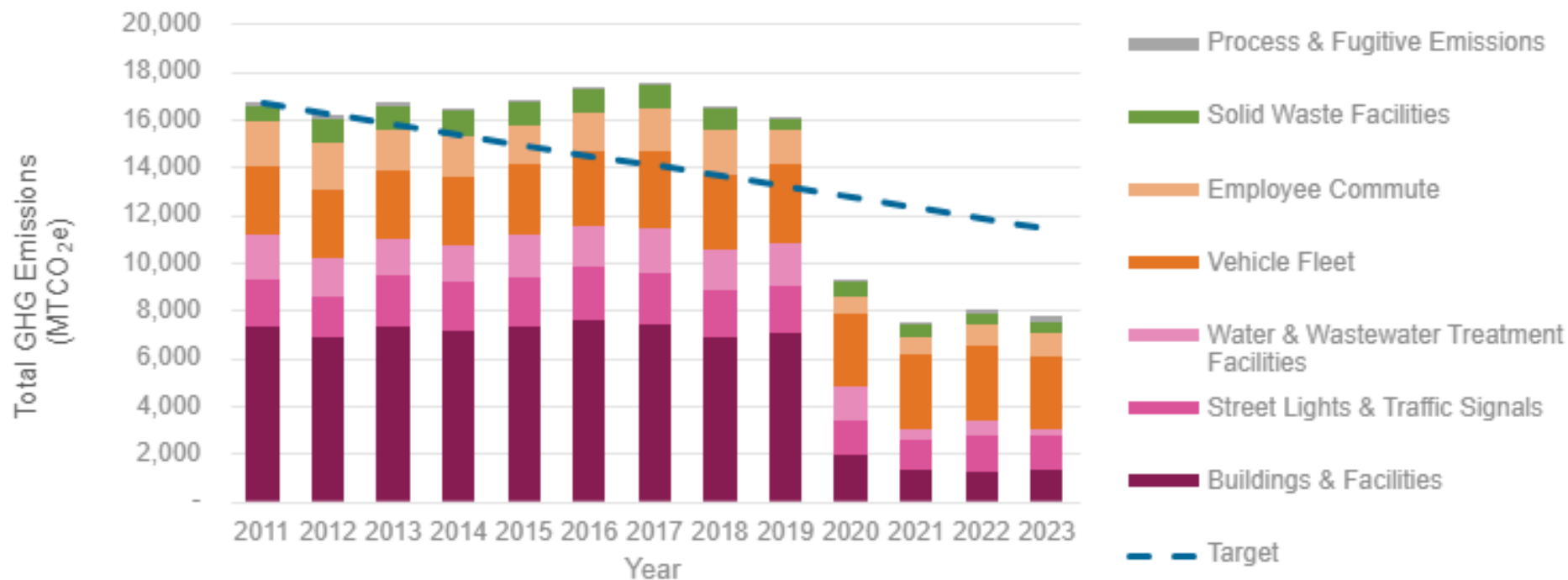


2023 Municipal Operations GHG Inventory

2023 Municipal Operations emissions were:

- ↓ 4% from 2022
- ↓ 54% below 2011 baseline

We have exceeded our 50% reduction by 2030 target!



What is Climate Resilience?

Climate Resilience: The ability of communities, infrastructure, and ecosystems to withstand the impacts of climate change and recover quickly afterwards



What is Climate Vulnerability?

- Vulnerability to climate change is not equitably distributed
- Some communities need more support and resources to be "resilient"



Sensitivity is Socially Determined

- Climate impacts interact with other social factors
 - (e.g. urban heat island effect)
- Vulnerable groups include:
 - Older people
 - Children
 - Low-income communities
 - Immigrant communities
 - BIPOC communities



Sustainable Bellevue Resilience Work

- Energy Smart Eastside and Boost
- Heat and smoke kit pilot program
- Solarize Eastside
- Outreach and engagement



Resilience + SBP Plan Update

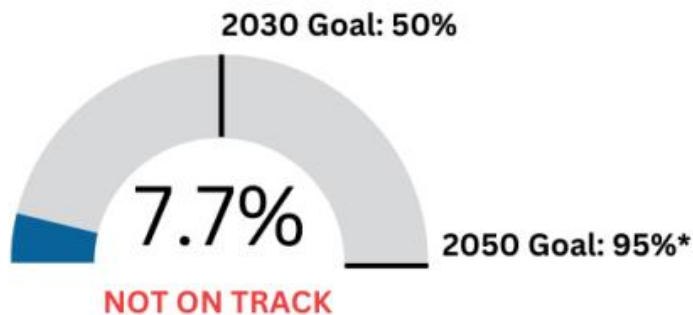
- Introducing a Climate Resilience goal
- Outreach via community partnerships to underrepresented community members
- Working with Utilities, Emergency Management, Human Services, etc.
- Grid capacity study



Climate Change

Our vision is a carbon neutral Bellevue prepared for the impacts of climate change.

Greenhouse Gas Reduction



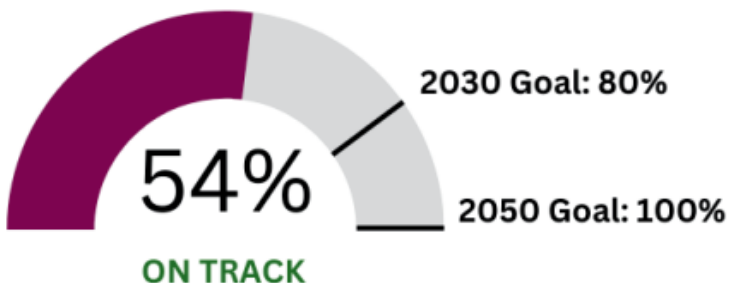
NEW: Climate-Resilient Community



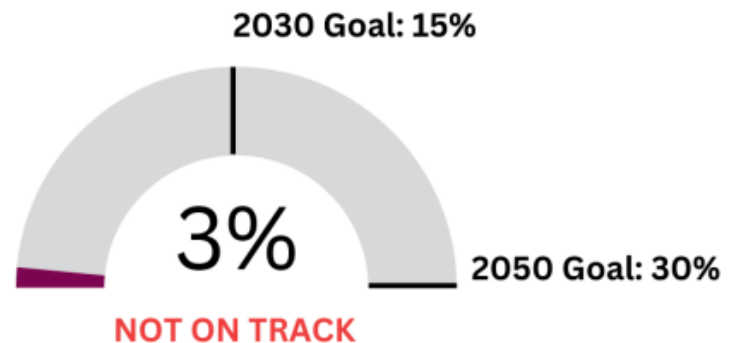
Energy

Our vision is 100% renewable energy powering our buildings, infrastructure, and vehicles.

Renewable Energy



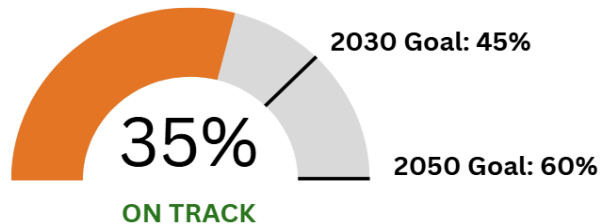
Energy Use Reduction



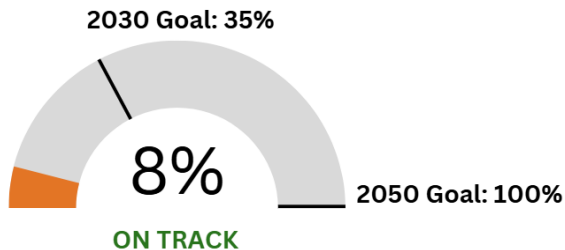
Mobility & Land Use

Our vision is a Bellevue with convenient, accessible, and electrified transportation systems.

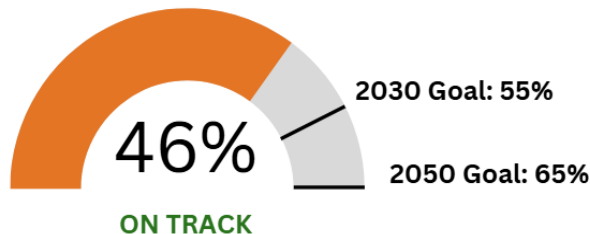
Workers Commuting Sustainably



Registered Electric Vehicles

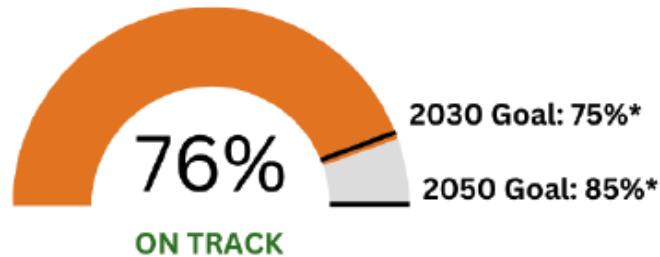


Residents Commuting Sustainably

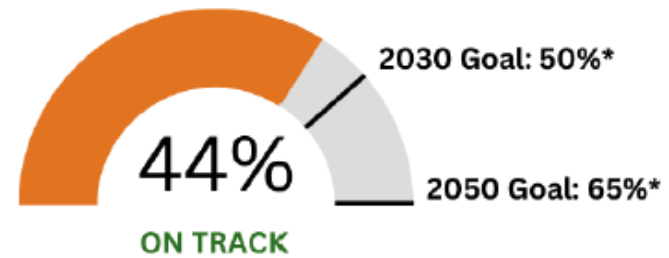


Mobility & Land Use

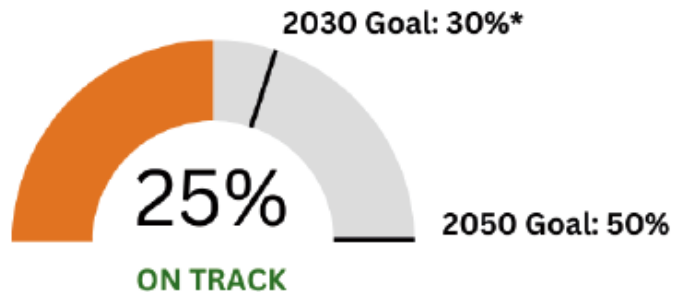
Jobs Within 1/4 mile of Frequent Transit Stop



Housing Within 1/4 mile of Frequent Transit Stop



Per Capita VMT Reduction



Materials Management & Waste

Our vision is a 100% zero waste Bellevue.

Waste Reduction



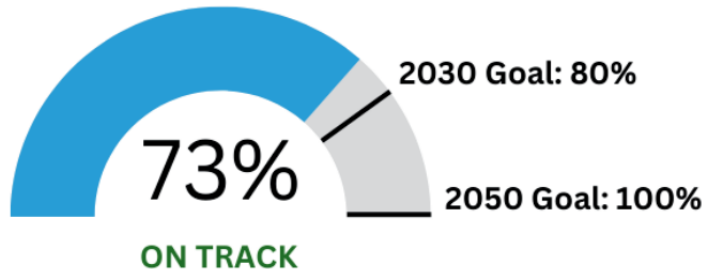
NEW: Total Waste Tonnage



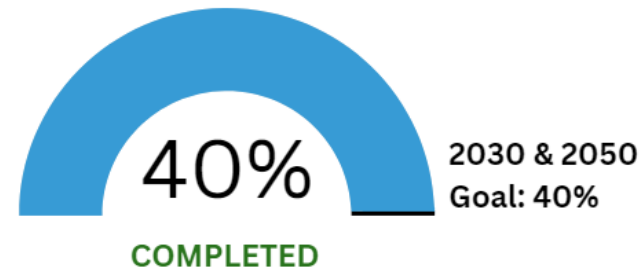
Natural Systems

Our vision is a City in a Park with robust tree canopy in every neighborhood, healthy streams and forests, and walkable access to parks.

**Residents with 1/3 mile
of a park, trail, or open space**

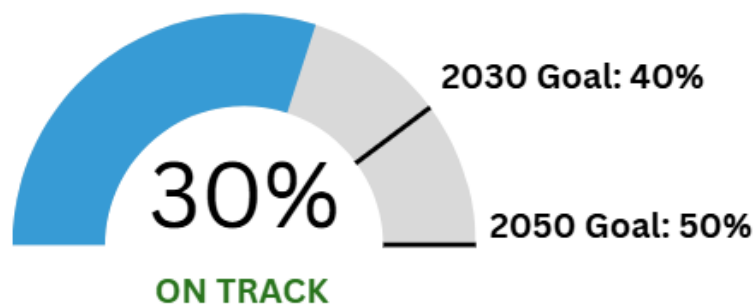


Citywide Tree Canopy

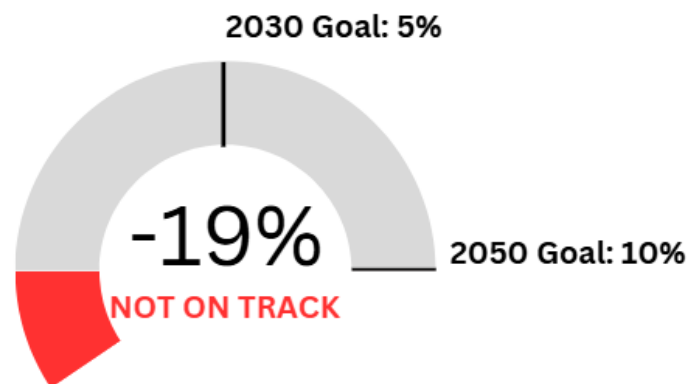


Natural Systems

NEW: Healthy Streams

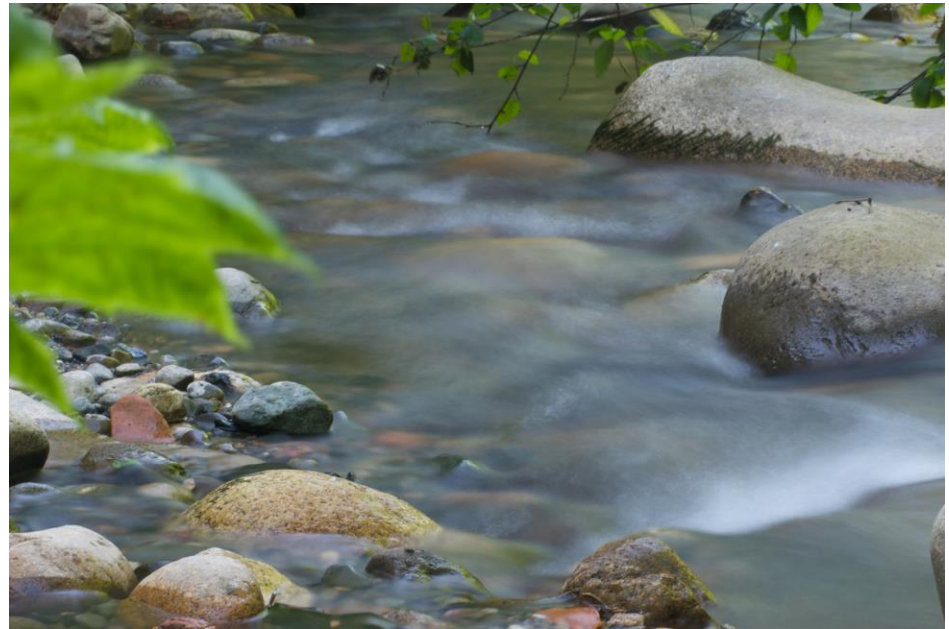


NEW: Water Use Reduction



Next Steps

- Continuing Phase I outreach
- Engaging stakeholders, community members, and City staff throughout Phases I and II
- Returning to the Bellevue Network on Aging in Phase II to review draft strategies and actions



Questions and Discussion

- What priorities are not currently captured by our focus area goals? Do these goals feel aligned with our vision?
- What resilience issues do you want to see the city prioritize in this plan update?



Thank You

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