

Environmental Stewardship Initiative

Progress Update



Planning Commission

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Agenda

1. Environmental Stewardship Plan Overview
2. Plan Implementation Progress
3. Action Highlights
4. Community Feedback



Our Process

2019 – 2020:

✓Phase 1: Goals and Targets

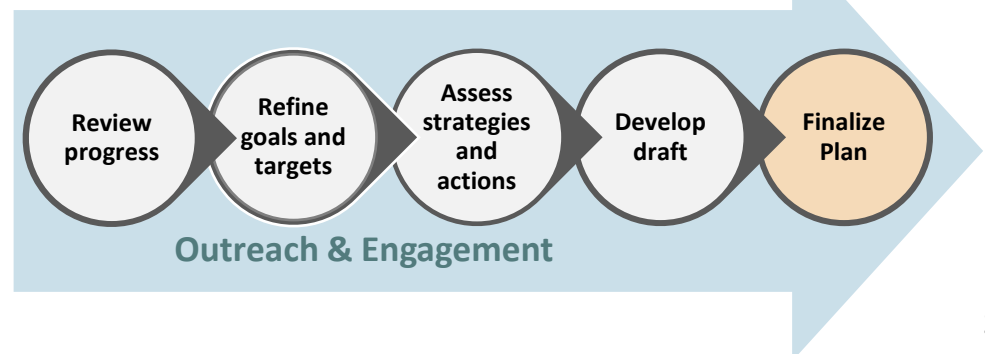
- Develop Recommendations for Goals and Targets
- Phase 1 Outreach

✓Phase 2: Actions

- Phase 2 Outreach
- Survey – 600 respondents
- Focus Groups
- Analysis of actions

✓Phase 3: Finalize Plan

- Release draft plan
- Phase 3 public comment
- Finalize plan
- Council adoption Dec 2020



Plan At A Glance

- 5 Focus Areas
- 78 Actions over 5 years
- Short and Long-Term Targets:
 - 2030 and 2050 for Community
 - 2030 and 2040 City Ops
- Implementation table with lead department, and implementation timeframe
- Monitoring and Evaluation approach
- Long-term actions to consider



Energy		Goal: Ensure long-term impacts of consumption
KPI	Progress	Targets
Renewable energy source (% renewable energy)	45% 2019	80% by 2030 100% by 2045
Energy consumption (% reduction in energy use)	5% ↑ since 2011	15% by 2030 30% by 2050

COMMUNITY ACTIONS

#	Action	Action Type	Impact	Investment	Co-Benefits	Lead
Strategy C.1. Mitigate emissions and plan for the long-term impacts of climate change.						
C.1.1	Climate vulnerability assessment. Perform a climate vulnerability assessment to understand long-term risks and vulnerabilities associated with climate change and identify next steps in terms of enhancing resiliency.	Analysis / Planning	🏠🏠🏠	💰	🏠	CD
C.1.2	King County Cities Climate Collaboration (K4C). Continue participating in the King County Cities Climate Collaboration to support the achievement of the countywide K4C goals.	Policy / Staff	🏠🏠🏠	💰	🏠	CD
C.1.3	State advocacy. Advocate for state-level policies and funding that support the achievement of the plan goals.	Policy	🏠🏠🏠		🏠	CMO

2022 Workplan

Action Highlights



Community Climate Challenge
Climate vulnerability assessment ★
Air quality assessment ★



Curbside Management Plan ★
Wilburton, Climate and Comp Planning ★



Clean Buildings Act Support
Home energy retrofit program



Multi-family recycling outreach



Green Fleet Strategy & Implementation ★
City Facility Energy Efficiency



Tree regulation update ★
Tree Giveaway
Watershed Management Plan

Enhanced Engagement






★ New in 2022

Plan Implementation Progress

Sustainable Bellevue: 2021 - 2025 Environmental Stewardship Plan

Summary of Implementation Progress

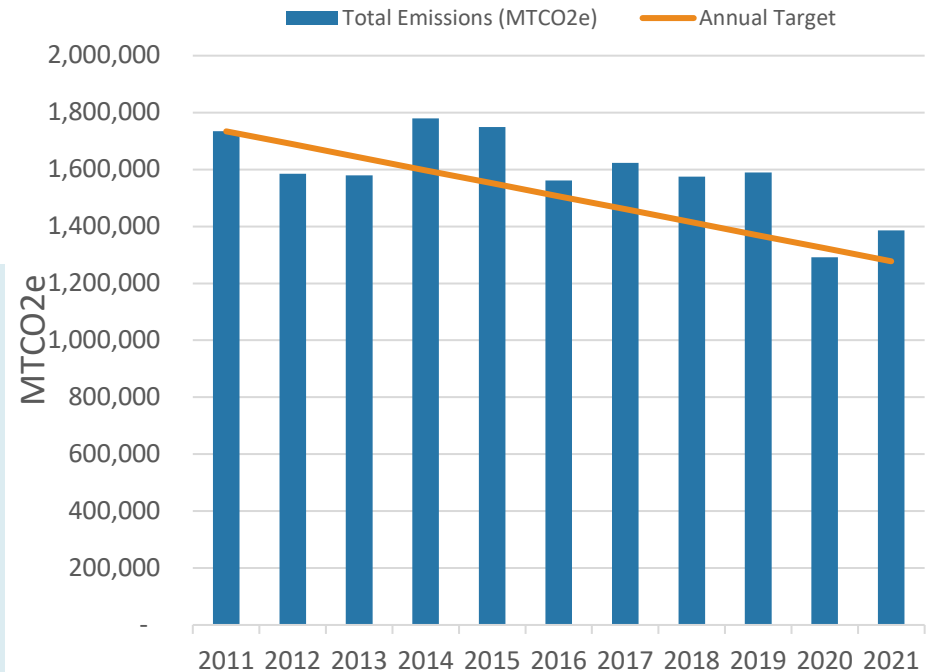
July 2022

Status	# of Actions	Description	% of Total
 Started	32	Work has started / implementation is partially complete	41%
 Ongoing	26	Work has been incorporated into ongoing operations	33%
 Complete	4	Work has been completed	5%
 Not started	16	Work has not yet begun	21%
 Barrier	0	Need to re-strategize approach. There is a barrier to implementing the action.	0%
Total	78		100%

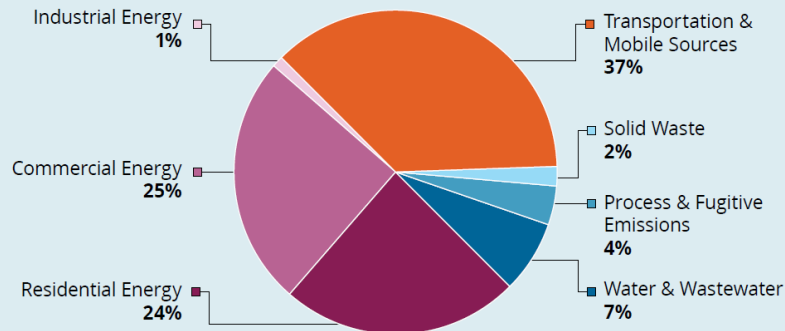
Community GHG Emissions

- GHG emissions decreased 20% between 2011-2021, despite adding 28,000 new residents and 24,000 new jobs.
- Community GHG emissions are trending in the right direction, but slightly over the target.

Community-wide GHG Emissions



GHG Emissions by sector - 2021



Action Highlights

Energy



Clean Buildings Incentive Program

- Support for compliance with WA State Clean Buildings Standard
- Benchmarking, Assessments, and Energy Plans

Energy Smart Eastside

- Partnership with Kirkland, Redmond, Mercer Island, and Issaquah; along with KCHA, Imagine Housing, Hopelink, SparkNW
- Incentives for low income residents
- Leveraging Inflation Reduction Act Incentives



**ENERGY SMART
EASTSIDE**

Heat Pump Installation Campaign
Save Energy on Year-Round Comfort

Learn more and sign up for a free workshop at :
EnergySmartEastside.org

Logos for Spark Northwest, City of Bellevue, Issaquah, Kirkland, Redmond, and Mitsubishi Electric.

Action Highlights

Climate Change



Climate Change

- Comprehensive Plan – enhancing climate change policies
- Climate Vulnerability Assessment
- Air Quality and Land Use Planning Guidelines



Natural Systems

- Tree regulation update
- Watershed Management Plan

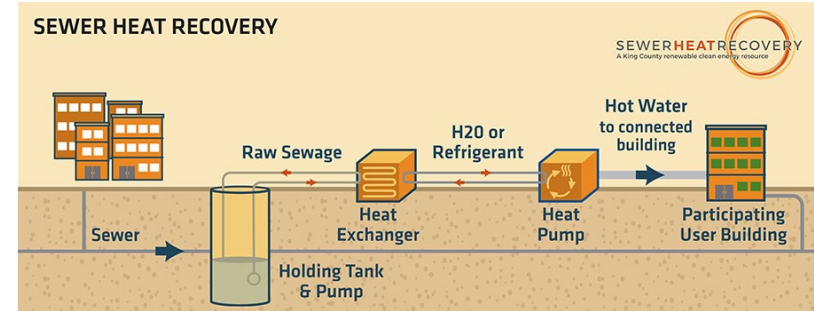


Upcoming Actions



- EcoDistrict Opportunity Assessment
 - Wilburton and Downtown

- EV Roadmap
 - Priorities for EV Charging locations
 - Preparing for federal and state grant opportunities



Climate and Comprehensive Plan Periodic Update



- Policy review (Attachment A)
- Mitigation and Adaptation / Resiliency Policies
- Climate vulnerability assessment
- Alignment with county, regional, and state climate policies
- Incorporate best practices from upcoming climate and comprehensive planning guidance from the state, county, and PSRC

What We're Hearing

- Appreciation for work done to date
- Not on track to meet our goals
- Need to move faster
- Need to meet our environmental goals while accommodating growth
- Desire for more resources














Sustainability Townhall and Comprehensive Plan Deep Dive, 7/14/2022

Thank You

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Community Progress Summary

2030 Short-Term Targets		2011 - 2021	Progress Update	
	50% reduction in community GHG Emissions.		20%	↓ Trending toward target
	60% of residents commuting alone	2016-2020 average	58%	↓ Trending toward target
	65% of workers commuting alone	2016-2020 average	71%	↓ Trending toward target
	25% registered electric vehicles		3%	≡ No change
	20% reduction in per capita passenger car VMT		30%	↓ Exceeded target
	75% of jobs within ¼ mile of a frequent transit stop	2019	73%	≡ No change
	50% of housing within ¼ miles of a frequent transit stop	2019	43%	≡ No change
	80% renewable energy sources		51%	↑ Trending toward target
	15% reduction in energy use		8%	↓ Trending toward target
	50% recycling rate (zero-waste)		42%	≡ No change
	38% citywide tree canopy cover	2019	39%	↑ Trending toward target
	80% of residents living within 1/3 mile of a park, open space, and/or trail	2020	73%	≡ No change
	TBD Stream Health (metric TBD)	2023	TBD	Watershed Management Plan is 60% complete.