

Environmental Stewardship Plan Update

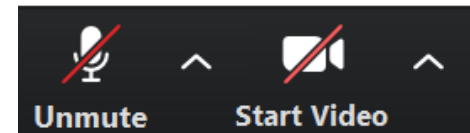
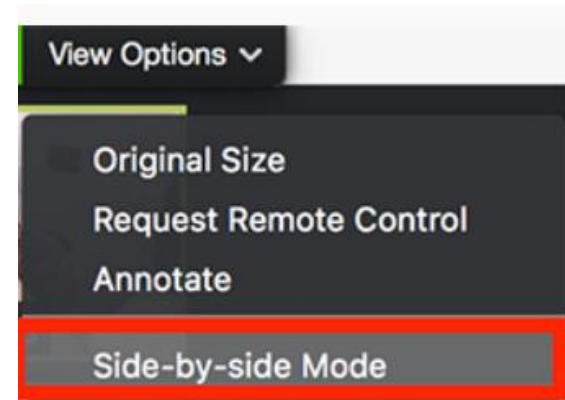
Online Townhall
April 23, 2020



SUSTAINABLE
BELLEVUE

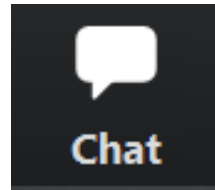
Zoom Tips & Tricks

- To see the presentation and the speaker use Side by Side Mode
- Mute Microphone & Video



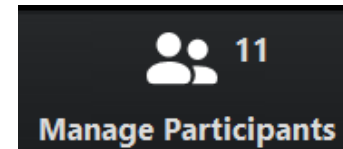
Zoom Tips & Tricks

- Chat Feature



- Raising Hands

1. Open “Manage Participants”
2. Click on “Raise Hand”



Agenda for Today

- Welcome and Introduction
- Presentation on Bellevue's Environmental Stewardship Plan and Climate Strategies
- Q&A
- Breakout discussions
- Report Out
- Thank you and next steps



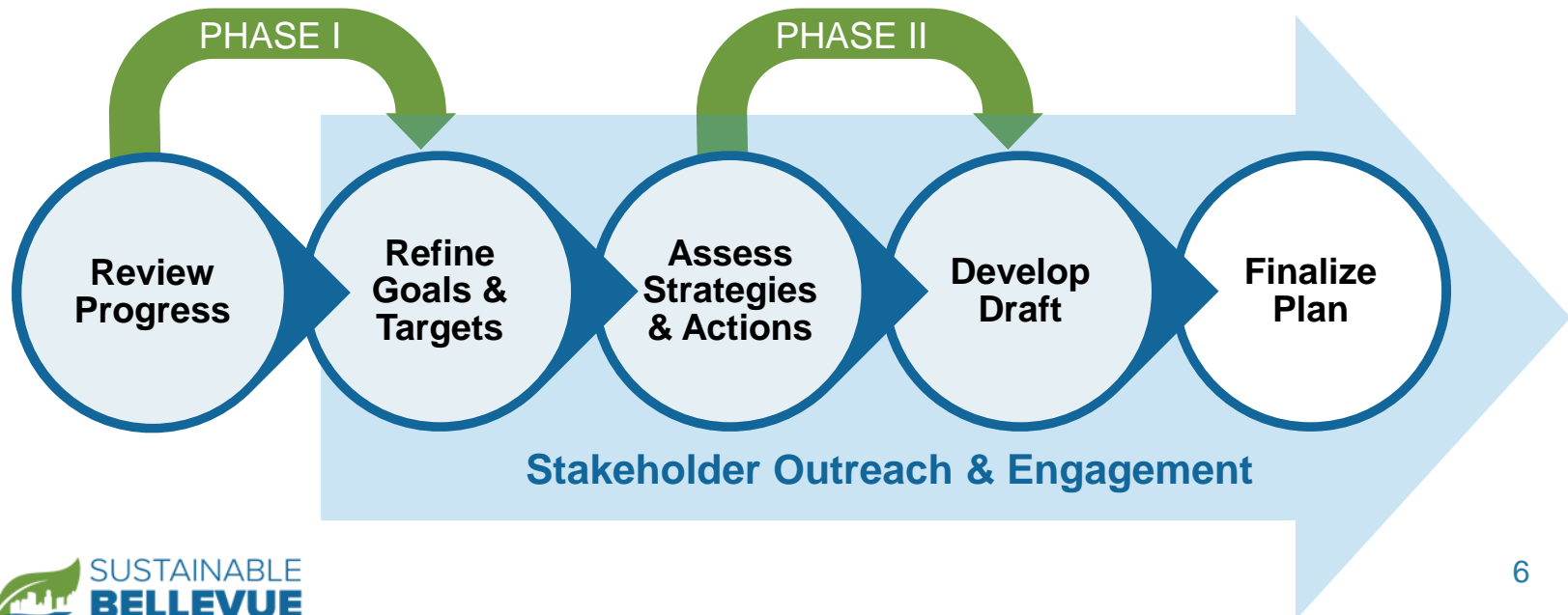
Overview and Objectives

Council Priority: Review progress of the Environmental Stewardship Initiative and analyze additional steps the city may wish to take to achieve environmental goals.

- ✓ Adopt an updated ESI Strategic Plan by building on work-to-date.
- ✓ Perform a robust public and staff outreach process.
- ✓ Develop an effective framework for monitoring, measuring, and reporting progress.
- ✓ Position the City organization as a local and regional leader in sustainability.

Planning Process

- Reviewed City's accomplishments
- Researched best practices and peer cities
- Held workshops for public, community leaders & staff
- Developed target recommendations for Council



Why We Act



**Healthy, livable
communities**



**Local, green
jobs**



**Resiliency to
economic +
environmental
changes**



**Healthy, beautiful
natural systems**

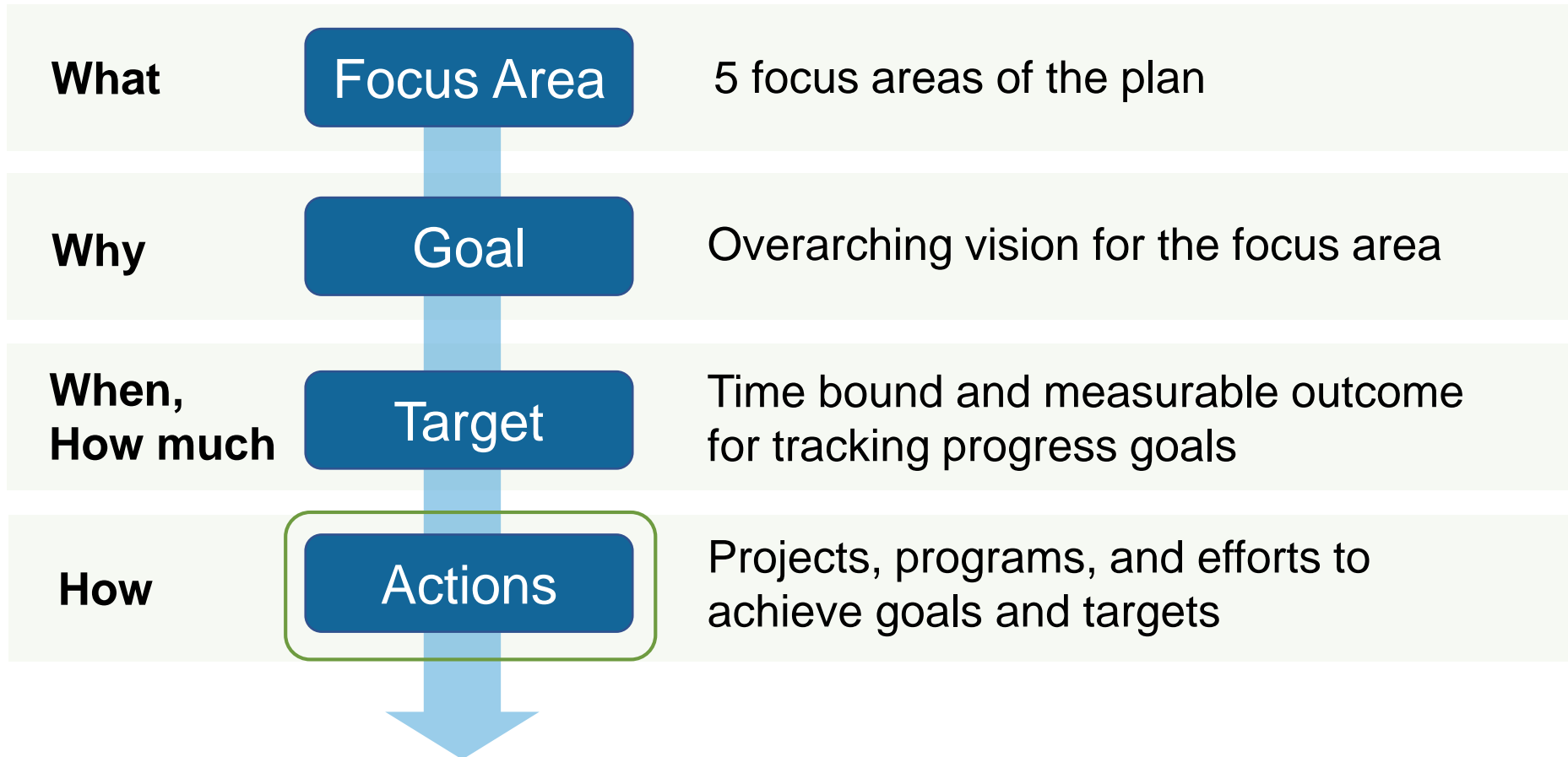


**More
transportation
options**



**Long-term
cost savings**

Plan Elements



Progress Since 2011



Climate Change

9% ↓

Community GHG emissions



Energy

5% ↓

Community Energy Use

42% ↓

Clean Power



Materials Management & Waste

41%

Waste recycled or composted

21

Schools participated in America Recycles day



Mobility & Land Use

73%

Drive Alone Rate - Workers

65%

Drive Alone Rate - Residents

2%

Electric Vehicle Ownership

3%

Vehicle Miles Traveled per Capita Reduction



Natural Systems



37%

Tree canopy

73%

Residents live within a 1/3 mile of a park, open space, or trail.

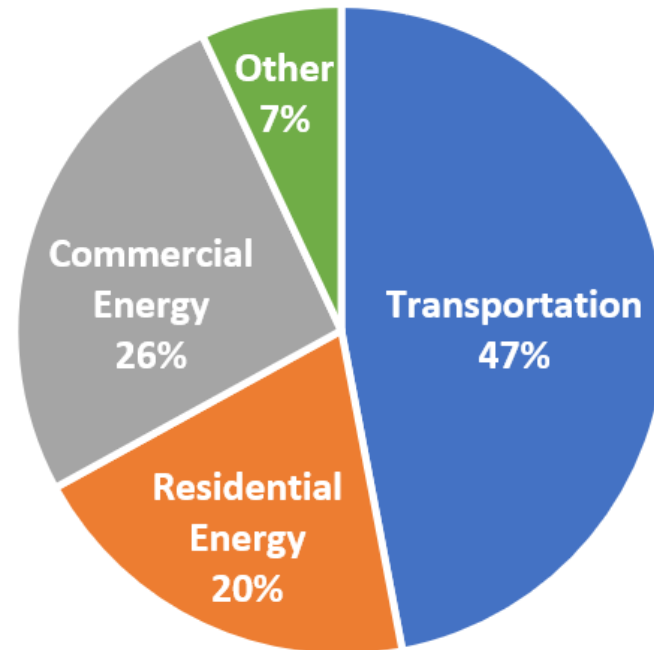
Communitywide Targets

	 2030 TARGETS	 2050 TARGETS
MATERIALS MGMT & WASTE	50% Recycling Rate	Zero Waste
MOBILITY & LAND USE	65% Drive Alone Rate 25% EV Ownership 20% VMT/Capita Reduction 70% Jobs & 50% Housing within ¼ mile of freq. transit station	45% Drive Alone Rate 50% EV Ownership 50% VMT/Capita Reduction 85% Jobs & 65% Housing within ¼ mile of freq. transit station
ENERGY	75% Renewable Energy 10% Energy Use Reduction	100% Renewable Energy 30% Energy Use Reduction
NATURAL SYSTEMS	38% Tree Canopy Cover 80% 1/3 mile to Park Access	40% Tree Canopy Cover 100% 1/3 mile to Park Access
CLIMATE CHANGE	40% GHG Reduction	80% GHG Reduction

Bellevue's Carbon Footprint

Over 90% of Bellevue's emissions come from **driving cars** and **powering buildings**.

Bellevue Community GHG Emissions
2018, MTCO₂e

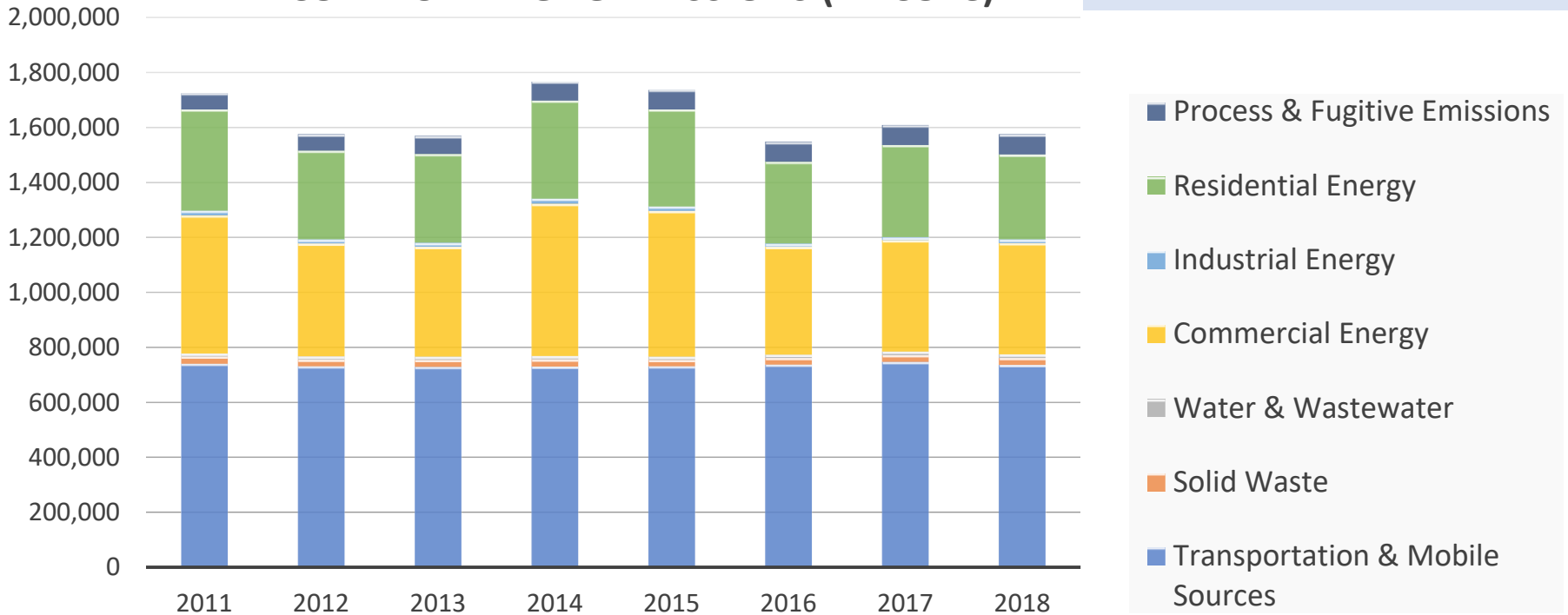


GHG Emissions Trends

9% Reduction since 2011

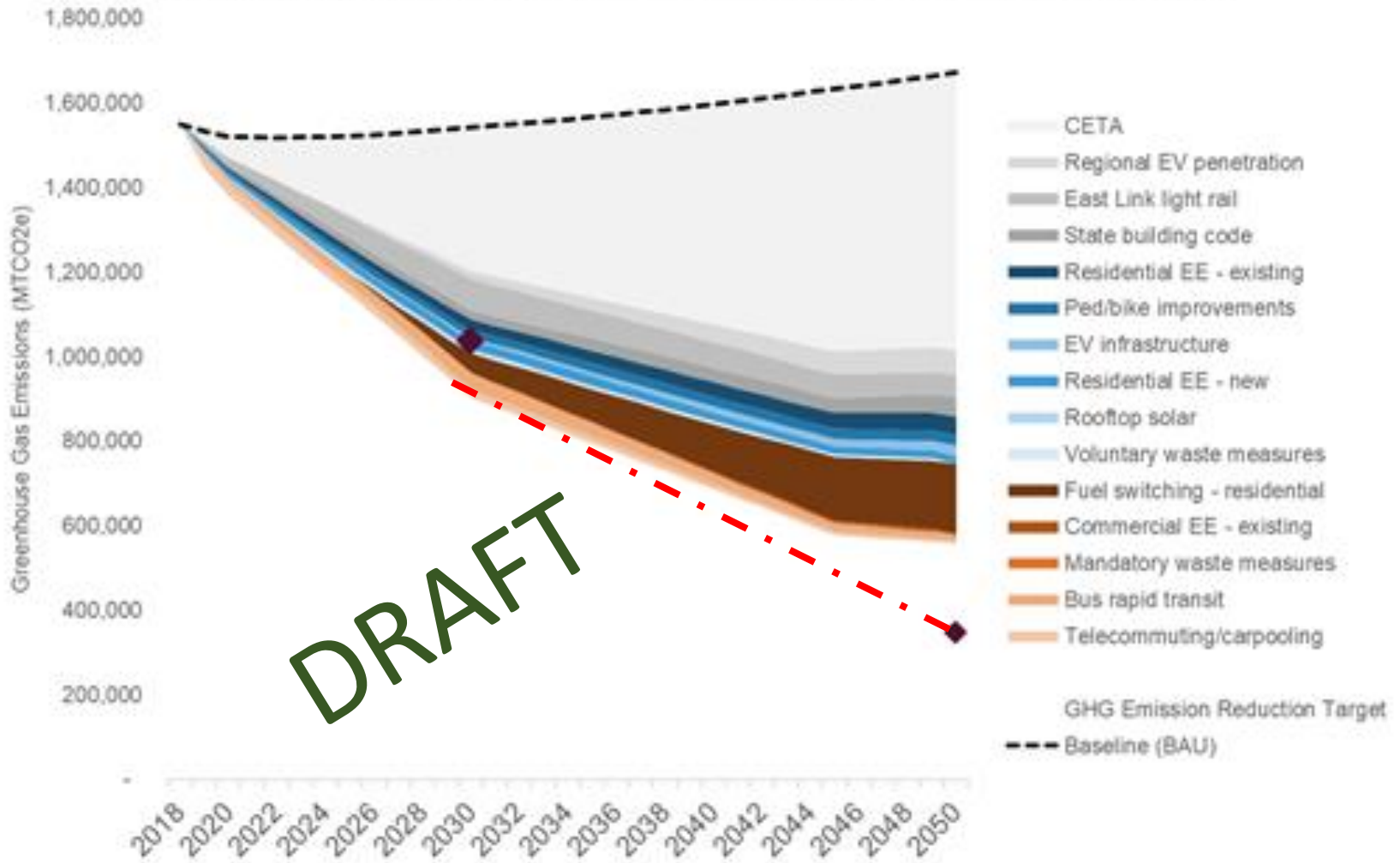
2011 – 2018
15% Job Growth
13% Population Growth

COMMUNITY GHG EMISSIONS (MTCO₂e)



Emissions Reductions Analysis

Bellevue Communitywide Emissions Reduction Analysis



Energy Actions

- Energy efficiency in existing buildings
 - Incentives for building retrofits
 - Support for commercial energy benchmarking and disclosure
- Energy efficiency in new buildings
 - Support improvements to WA State Building and Energy Code
 - Support improvements to the residential building code
- Renewable Energy
 - Implement the Clean Energy Transformation Act
 - Increase onsite renewable energy in Bellevue
 - Support Green Direct and other programs to accelerate availability of green power



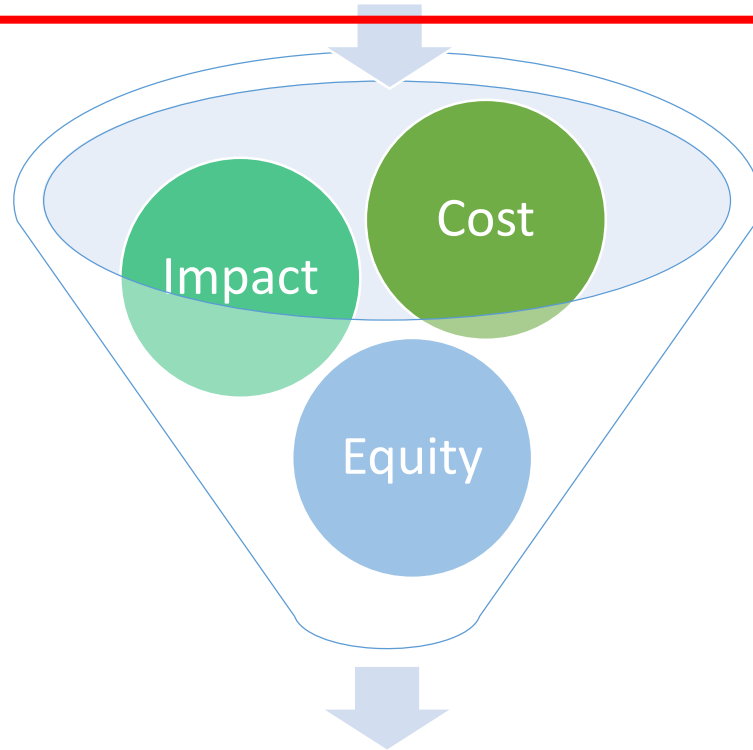
Mobility and Land Use Actions

- Increase fuel efficiency
 - Electric vehicle infrastructure and EV incentives
- Reduce vehicle-miles traveled
 - Commute trip reduction programs
 - Telecommuting / carpooling
 - Expand pedestrian bike network
 - Focus growth in growth centers near ¼ mile of frequent transit
 - Eastlink
 - Expand frequent transit network
 - Make transit more efficient (e.g. bus lanes)



Strategy and Cost Considerations

Possible Strategies and Actions



Considerations:

- Best practices
- Return on Investment
- Co-Benefits
- Build on existing efforts

Short-list of Actions

Impacts of COVID on Environmental Stewardship

- Prioritizing strategies which reduce costs for residents and businesses
- Support job growth
- Consider economic recovery timing in implementation planning for Environmental Stewardship Plan
- Incorporating sustainability into economic recovery
- Other?

Work in Progress



Questions

- What are the City's long term quantifiable goals, intermediate goals, and plans to meet each goal?
Thanks you!
- Why are we not adopting the Leading Edge goals?
- What is Council's direction on how bold we can be on addressing climate change across all goal areas of the ESP?
- What is Bellevue doing to adopt a comprehensive Climate Action Plan like Portland's? What is it doing to integrate actions into the plan?
- Has Covid-19 affected any of our environmental goals?
- Now that we know so many people are able to work from home, will the city work with local businesses to encourage more telecommuting?
- I would like to know about the trees being planted in Bellevue to increase the sustainability of our clean air.
- Do you recommend an urban forestry Commission, why or why not?
- Is Bellevue considering incentives for homeowners to plant saplings to help expand the canopy within the city?
- What is the City doing to protect and sustain vulnerable wildlife in the area?
- Does the city have a plan to give the most sustainable products first choice in city contracts?



Breakout Room Discussion

- Introductions
- One Thing You're Doing to Celebrate Earth Week
- Discussion:
How do we keep climate and sustainability as priorities and how do we integrate sustainability into the economic recovery?
- Report Out from your group: 1 great idea or key takeaway



How to Get Involved

- **Visit:** www.engagingbellevue.com
 - Complete the online survey.
 - Find materials like our factsheet and outreach summary.
 - Sign up for updates.
- **Attend** a Board, Commission, or Council presentation
- **Tell** your friends and neighbors!



Thank you!

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