

# Environmental Stewardship Plan

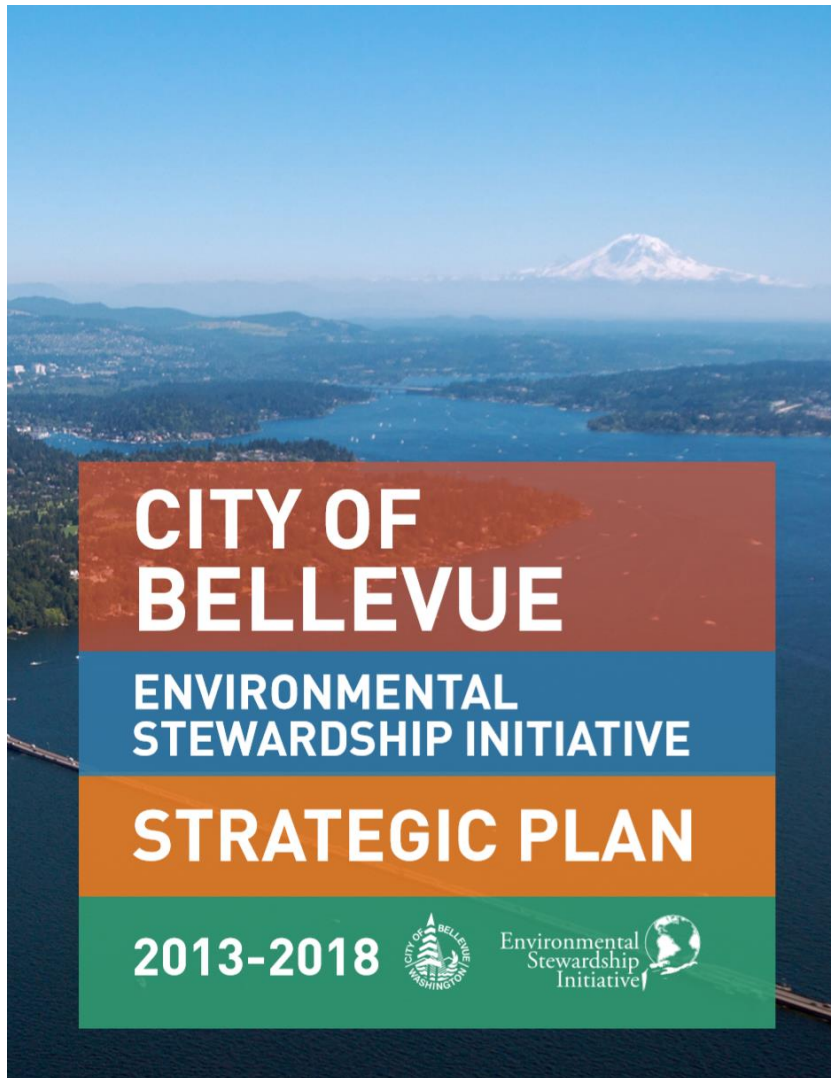
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**Transportation Commission**  
**Jennifer Ewing, Environmental Stewardship  
Program Manager**

January 23, 2020

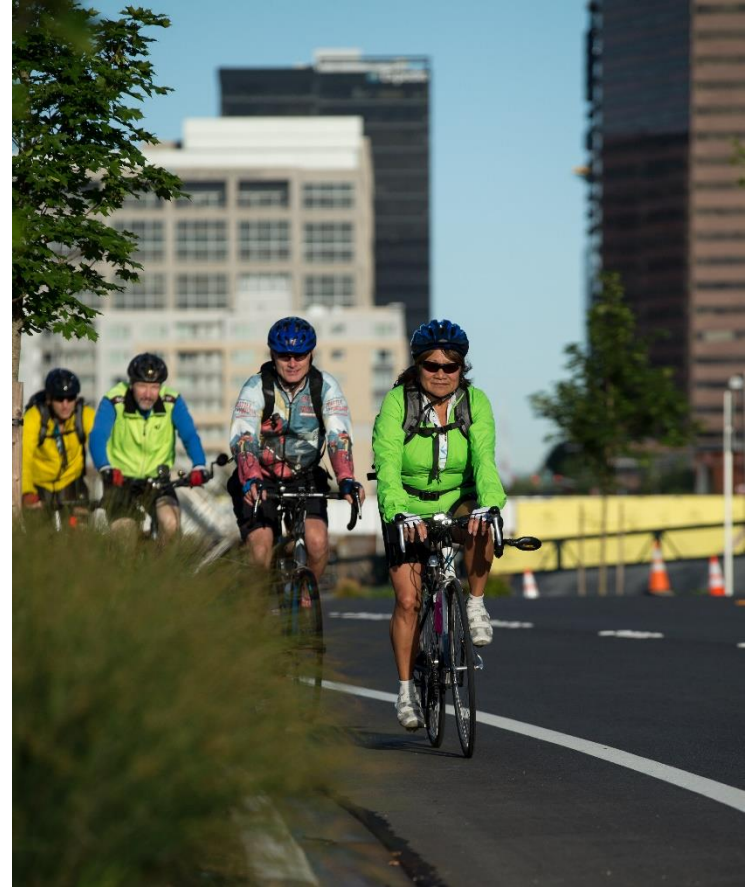
# Building on a Foundation



- Environmental Stewardship Initiative (ESI) Started in 2007
- Mayors Climate Protection Agreement
- Joined King County in Cities Climate Collaboration (K4C)
- 2013-2018 ESI Strategic Plan: Made Progress on 96% of the strategies
- Directed by Council to lead by example

# Council Direction for Boards and Commissions

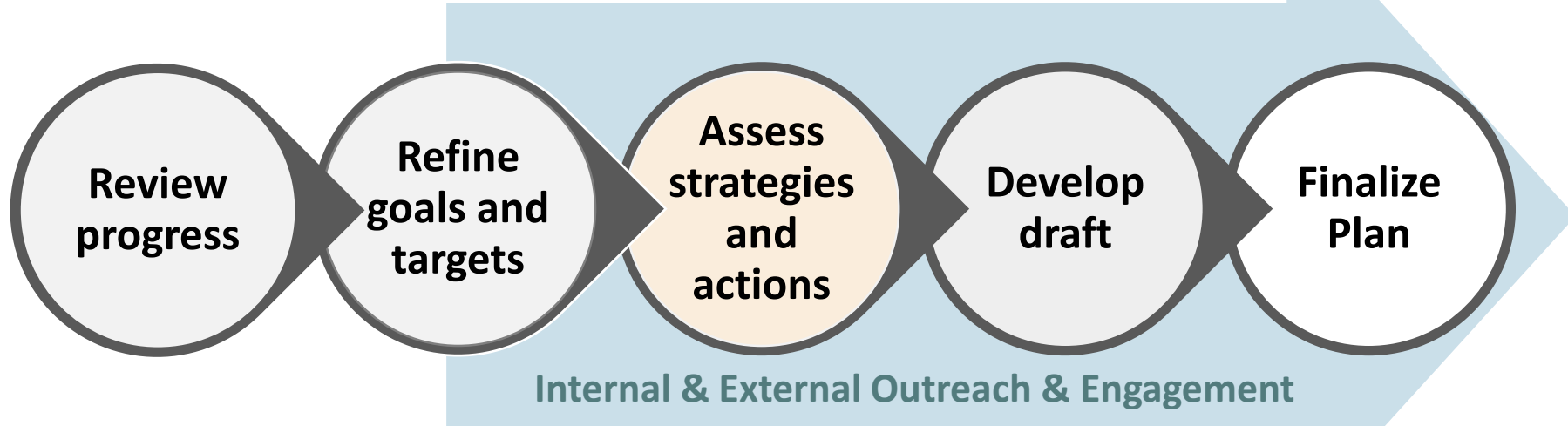
- Engage with all Boards and Commissions (Nov 12 2019 Council Study Session)
- Boards and Commissions Role:
  - Provide input on possible strategies and actions for the plan
  - No formal action is needed





# Environmental Stewardship Plan Update Process

City Council Vision Priority #11

Review progress of ESI and analyze additional steps the City may take to achieve its environmental goals.



# Community Targets

	 <b>PROGRESS SINCE 2011</b>	 <b>2050 TARGETS</b>
<b>MATERIALS MGMT &amp; WASTE</b>	40% Recycling Rate	Zero Waste
<b>MOBILITY &amp; LAND USE</b>	65% Drive Alone Rate (Residents) 2% EV Ownership 3% VMT/Capita Reduction 63% Jobs & 42% 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
<b>ENERGY</b>	40% Renewable Energy 5% Energy Use Reduction	100% Renewable Energy 30% Energy Use Reduction
<b>NATURAL SYSTEMS</b>	37% Tree Canopy Cover 73% 1/3 mile to Park Access	40% Tree Canopy Cover 100% 1/3 mile to Park Access
<b>CLIMATE CHANGE</b>	<b>9% GHG Reduction</b> (22% per capita reduction)	<b>80% GHG Reduction</b>



# Questions

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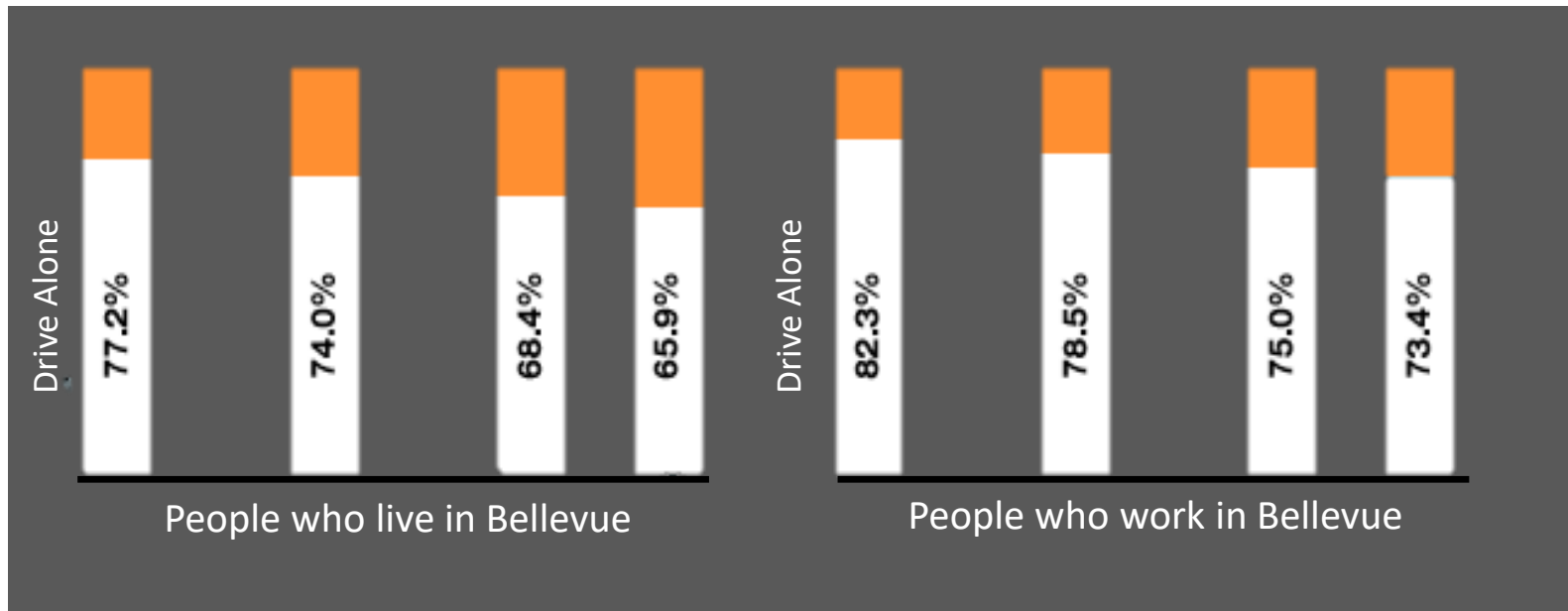
# Reduce Drive Alone Rate

## Comprehensive Plan Goals

By 2035, reduce commute trip drive-alone mode share to  
**55%** drive alone for citywide residents  
**60%** non-drive alone for citywide workers

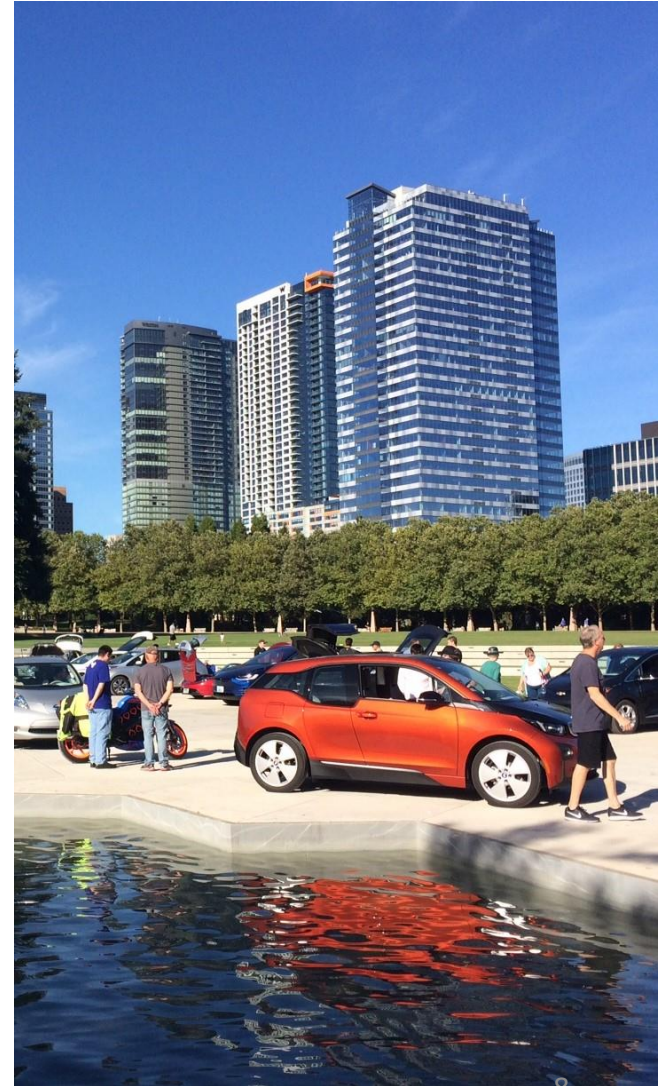
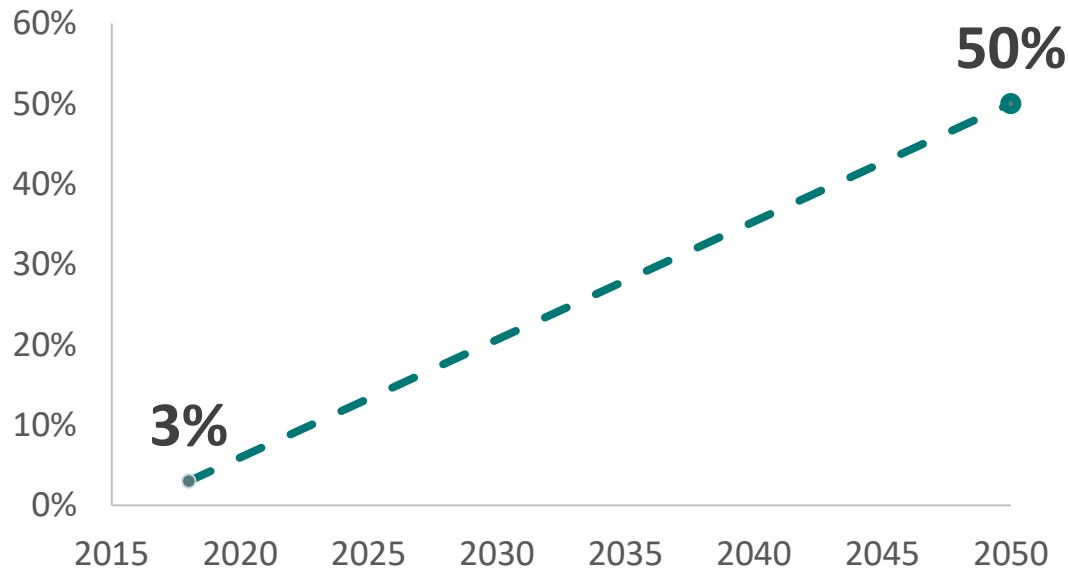
## Status

As of the last American Community Survey 5 year average, **65.9%** of Bellevue residents and **73.4%** of Bellevue workers drove alone.



# Increase EV Ownership

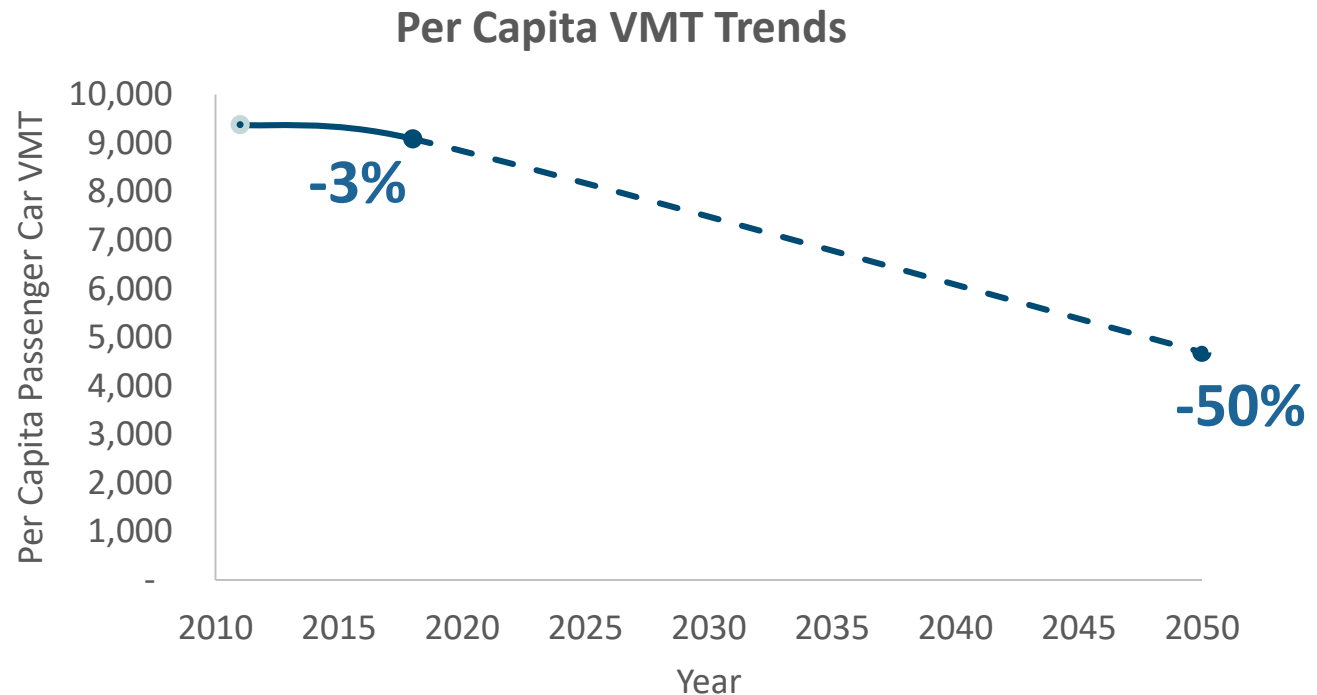
## Percent of EVs in Bellevue





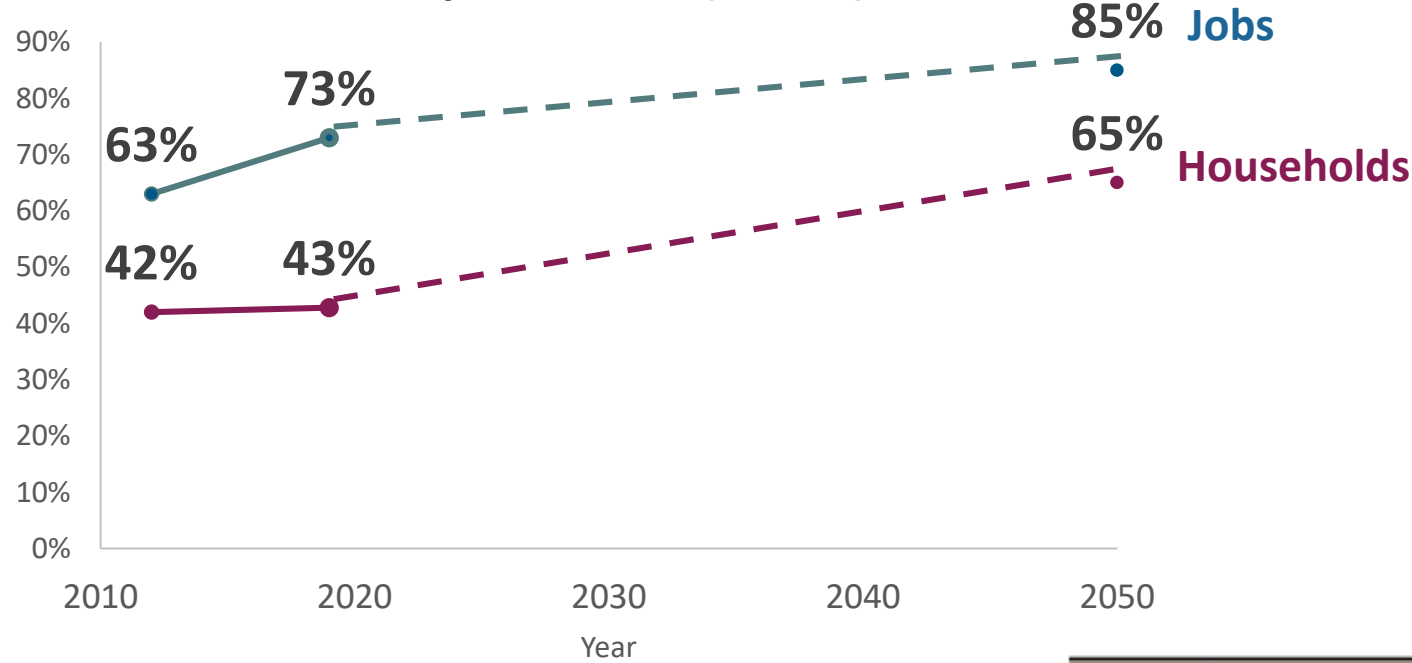
# Reduce Per Capita VMT

- Washington State Green Transportation legislation, RCW 47.01.44: Reduce per capita VMT by
  - 18% by 2020
  - 30% by 2035
  - 50% by 2050



# Increase Housing in Proximity to Frequent Transit

Percent of Jobs and Households within ¼ Mile of Frequent Transit (15 min)



Funding Scenario	2030 Households Projection				Total HH
	Quarter-Mile		Half-Mile		
	15-min	30-min	15-min	30-min	
Growing	58.1%	76.6%	75.4%	91.3%	70,300
Stable	57.7%	68.5%	75.3%	85.4%	
Reduced	57.8%	57.8%	75.3%	75.5%	



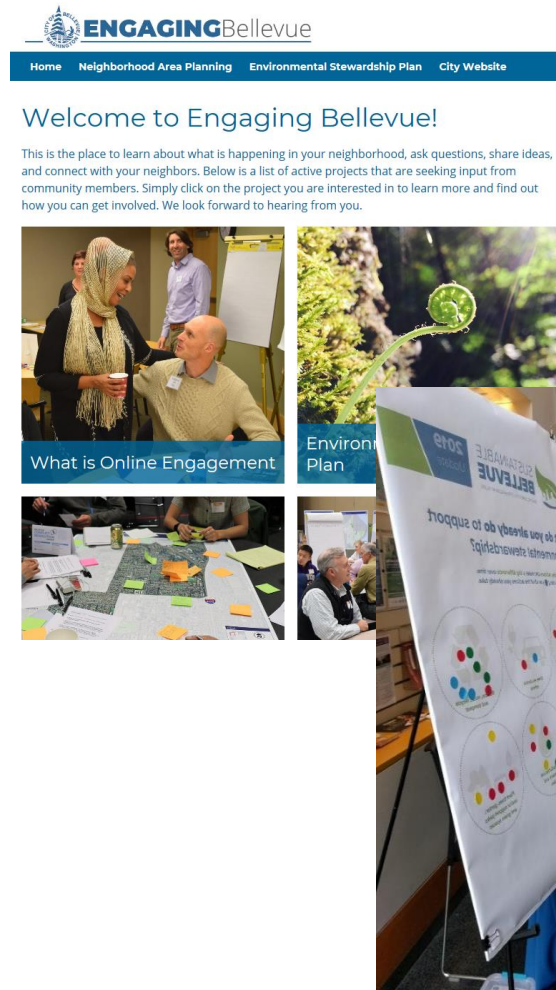
# Questions

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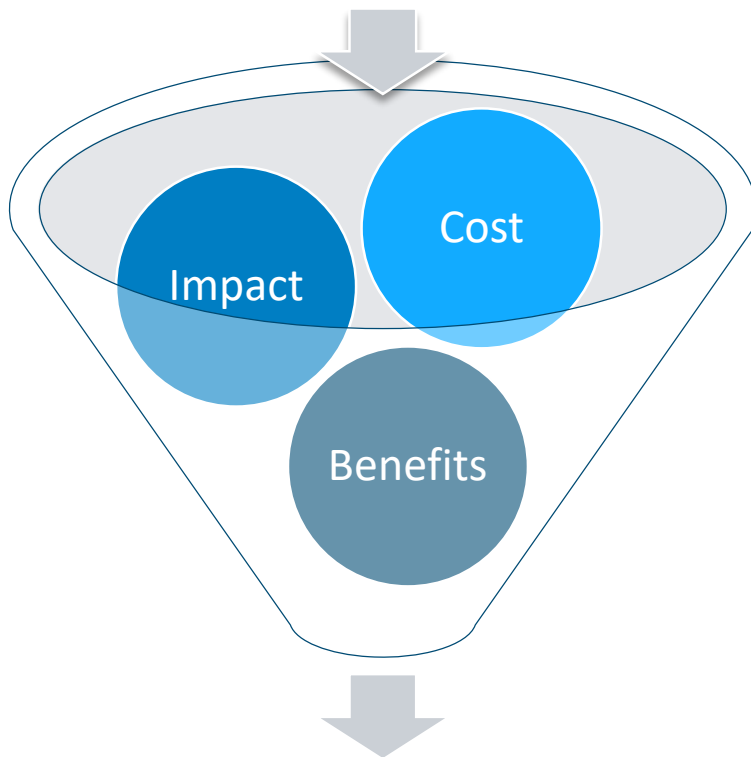
# Public Engagement

- **87%** say that climate change is an important issue to them personally
- **77%** want Bellevue to be ambitious
- Key issues:
  - Trees
  - Climate
  - Parks / Green Spaces
  - Water/Stormwater
  - Mobility Options
- Considerations:
  - Leadership
  - Cost / benefits



# Strategy Development

## Potential Actions



## Short-list of Actions

## Mobility Related Strategies:

- Focus growth near transit
- Support transition to EVs
- Continue planning for mobility alternatives

# Next Steps

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Analyze and short-list possible strategies and action

Outreach and Engagement

Draft Plan

Review draft plan with Council

Council Adoption of Plan

Nov

Dec

Jan

Feb

Mar

Apr

May

Jun

July

Aug

# Discussion

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- Are there any strategies or actions that the Transportation Commission would like to suggest for consideration in the benefit cost analysis and public outreach?
- What does the Transportation Commission consider to be the greatest areas of opportunity for supporting mobility options to help reduce per capita vehicle miles travelled?



**Thank you!**  
**Q&A Discussion**



**Jennifer Ewing, Environmental Stewardship Program Manager**  
**Community Development Department**

