MOBILITY IMPLEMENTATION PLAN

Mobility Implementation Plan

Transportation Commission
September 9, 2021
Environmental Sustainability

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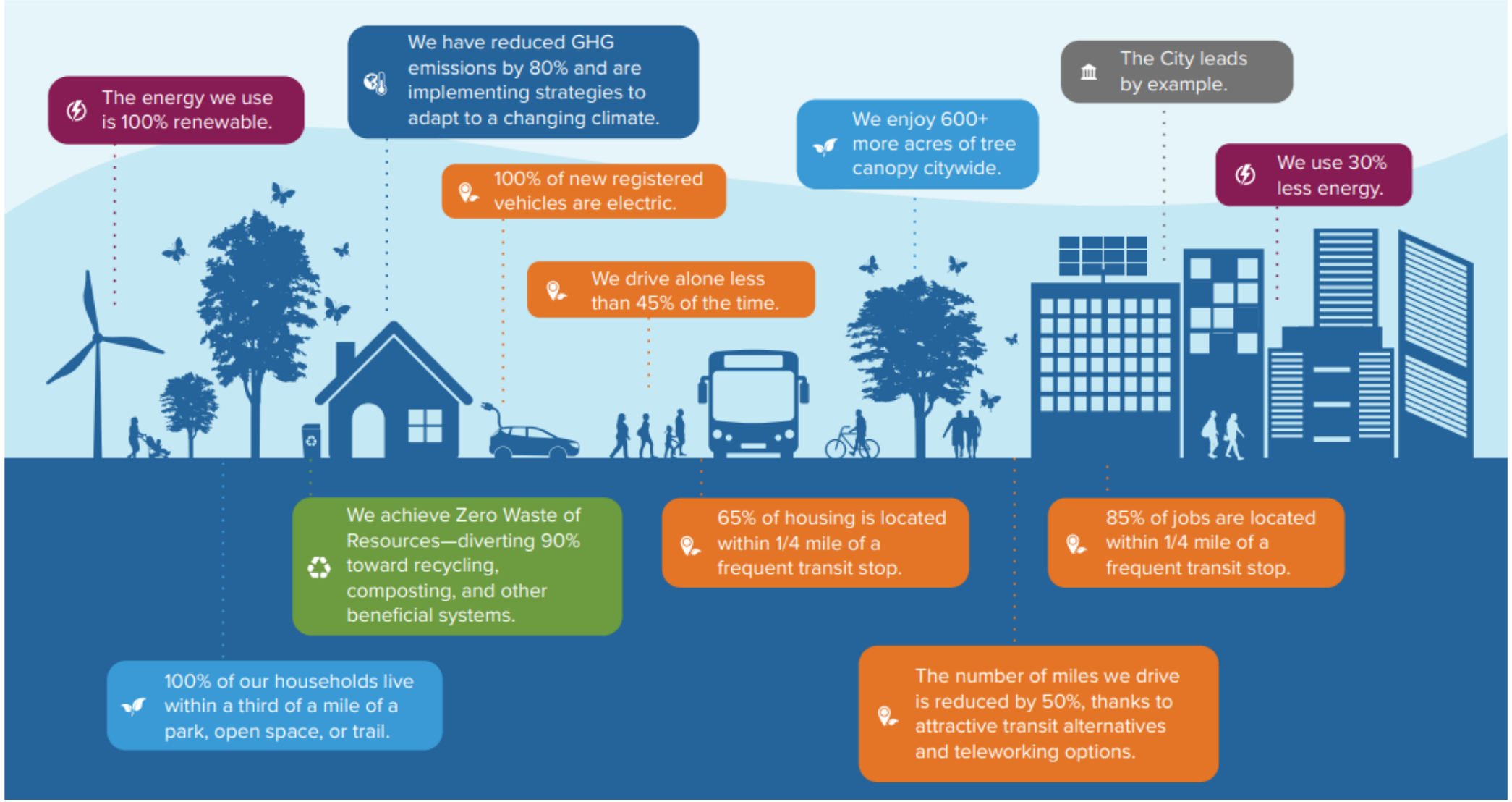
City of Bellevue Washington
Transportation

September 9, 2021

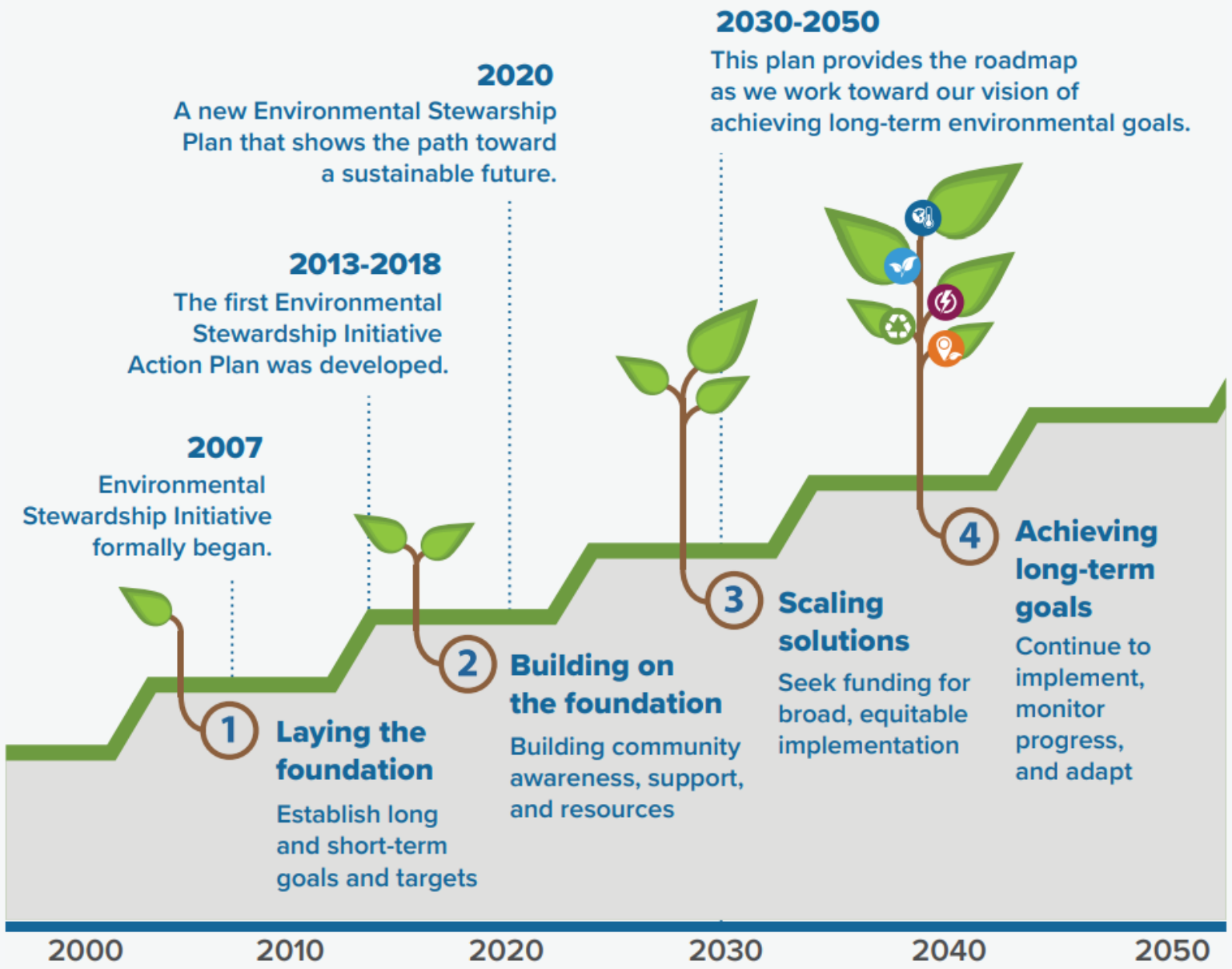
Environmental Sustainability Performance Metrics and Performance Targets for Mobility

By 2050...

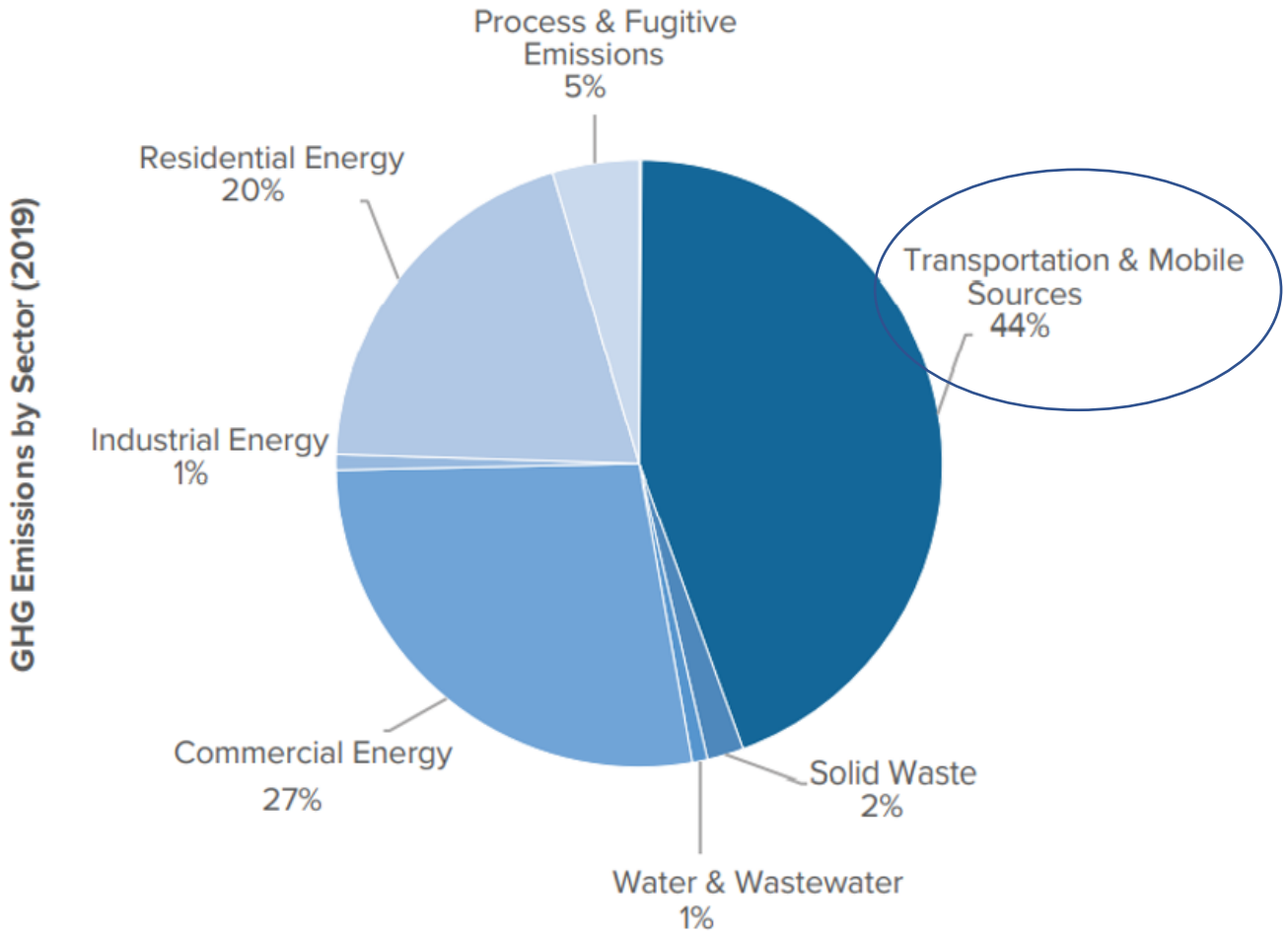

The energy we use is 100% renewable.
We have reduced GHG emissions by 80% and are implementing strategies to adapt to a changing climate.
100% of new registered vehicles are electric.
We drive alone less than 45% of the time.
We enjoy 600+ more acres of tree canopy citywide.
The City leads by example.
We use 30% less energy.
We achieve Zero Waste of Resources—diverting 90% toward recycling, composting, and other beneficial systems.
65% of housing is located within 1/4 mile of a frequent transit stop.
85% of jobs are located within 1/4 mile of a frequent transit stop.
100% of our households live within a third of a mile of a park, open space, or trail.
The number of miles we drive is reduced by 50%, thanks to attractive transit alternatives and teleworking options.

SUSTAINABLE BELLEVUE

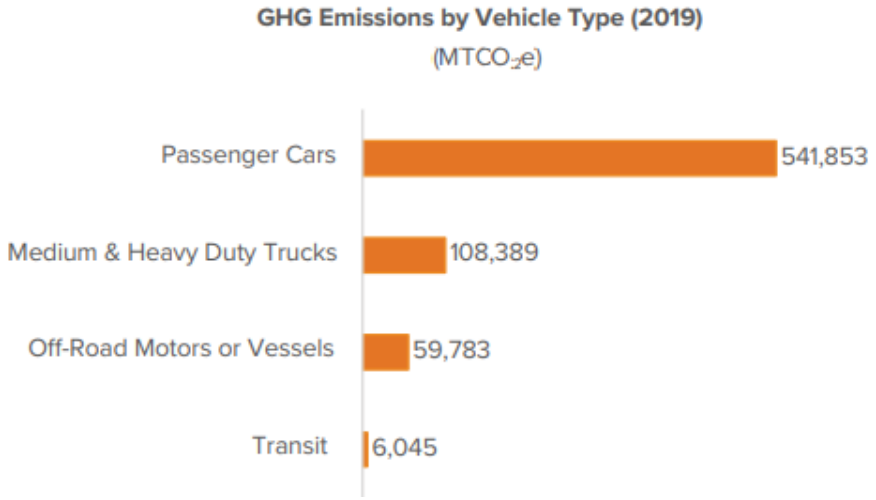
ENVIRONMENTAL STEWARDSHIP PLAN



92% of communitywide GHG emissions came from transportation & buildings



76% of transportation emissions are from passenger cars



Mobility & Land Use

Goal: Minimize the environmental impacts of transportation and development in Bellevue by focusing development in growth centers and providing all residents with access to a variety of mobility options.

Focus Area Overview

Transportation infrastructure and systems are integral to city operations, and economic and community development. Bellevue is part of a regional economy experiencing rapid job and population growth, pressures on affordable housing, and increasing traffic. The Puget Sound Regional Council's Vision 2050 regional plan aims to direct 65 percent of the region's residential growth and 75 percent of new jobs to the regional growth centers and high-capacity transit station areas. The Mobility & Land Use focus area outlines

Targets

KPI	Short-term	Long-term
Resident drive alone rate (% of residents)	60%	45%
Worker drive alone rate (% of workers)	65%	45%
Electric vehicle (% of registered vehicles)	25%	100%
Per-capita vehicle miles traveled (VMT) (% reduction)	20%	50%
Jobs located within 1/4 mile of a frequent transit stop (% of jobs)	75%	85%
Housing located within 1/4 mile of a frequent transit stop (% of housing)	50%	65%

Advances in the transportation sector will involve converting

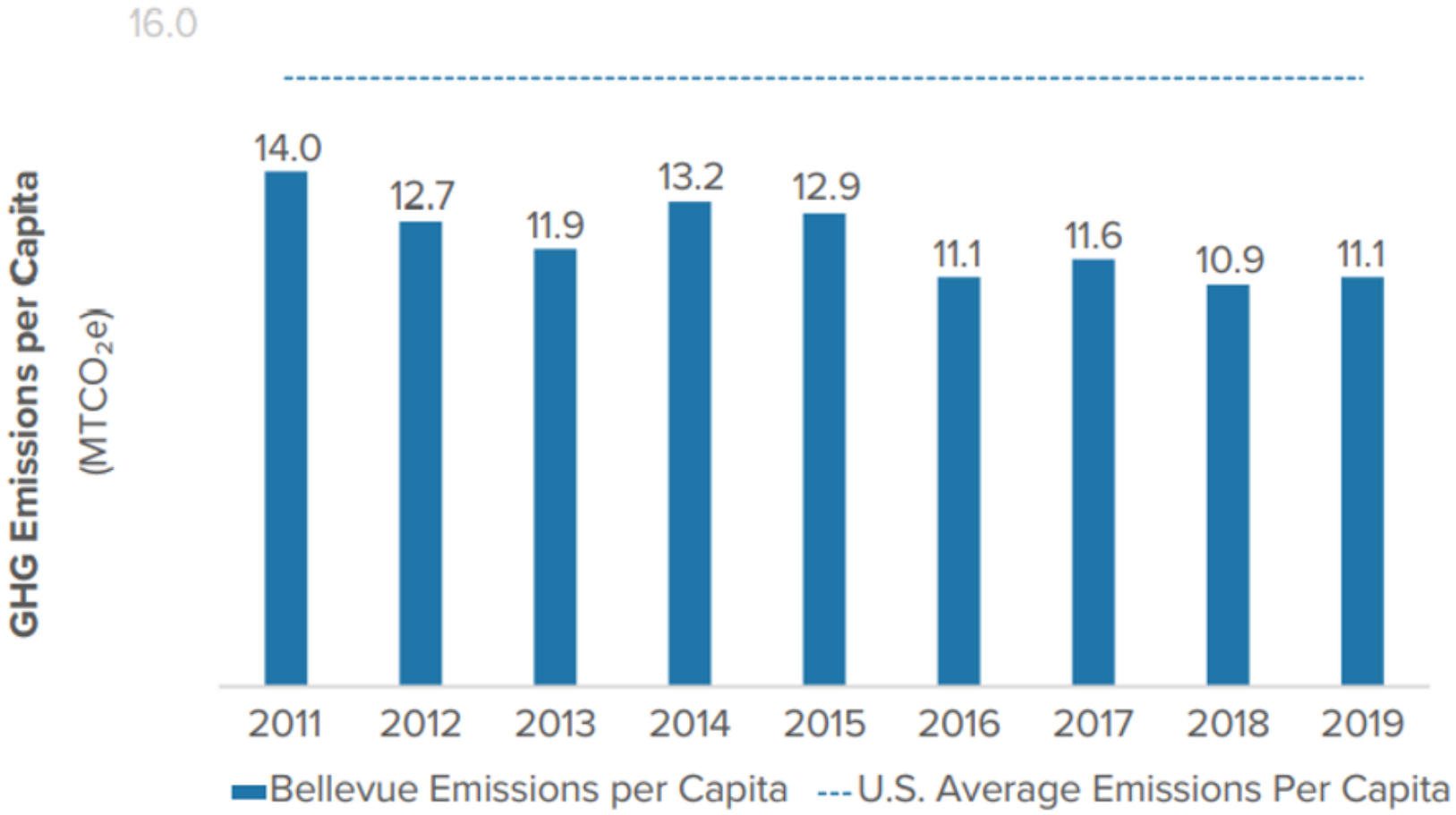
Strategy M.2. Expand mobility options.

M.2.1. Mobility Implementation Plan. Develop a Mobility Implementation Plan that includes opportunities to decrease per capita vehicle miles traveled through prioritization and investments to support transit and non-motorized modes.

M.2.4. Accelerate implementation of the Pedestrian and Bicycle Transportation Plan. Increase accessibility of travel routes for people walking and bicycling by accelerating implementation of projects identified and prioritized in the Pedestrian and Bicycle Transportation Plan and the standards and guidelines recommended in the 2017 report on Multimodal Level-of-Service Standards and Guidelines.

M.2.5. Commute trip reduction. Continue the transportation demand management program, including the Commute Trip Reduction program for large employers, and study the impact of COVID-19 on future travel patterns and associated multimodal needs.

21% reduction in per-capita GHG emissions



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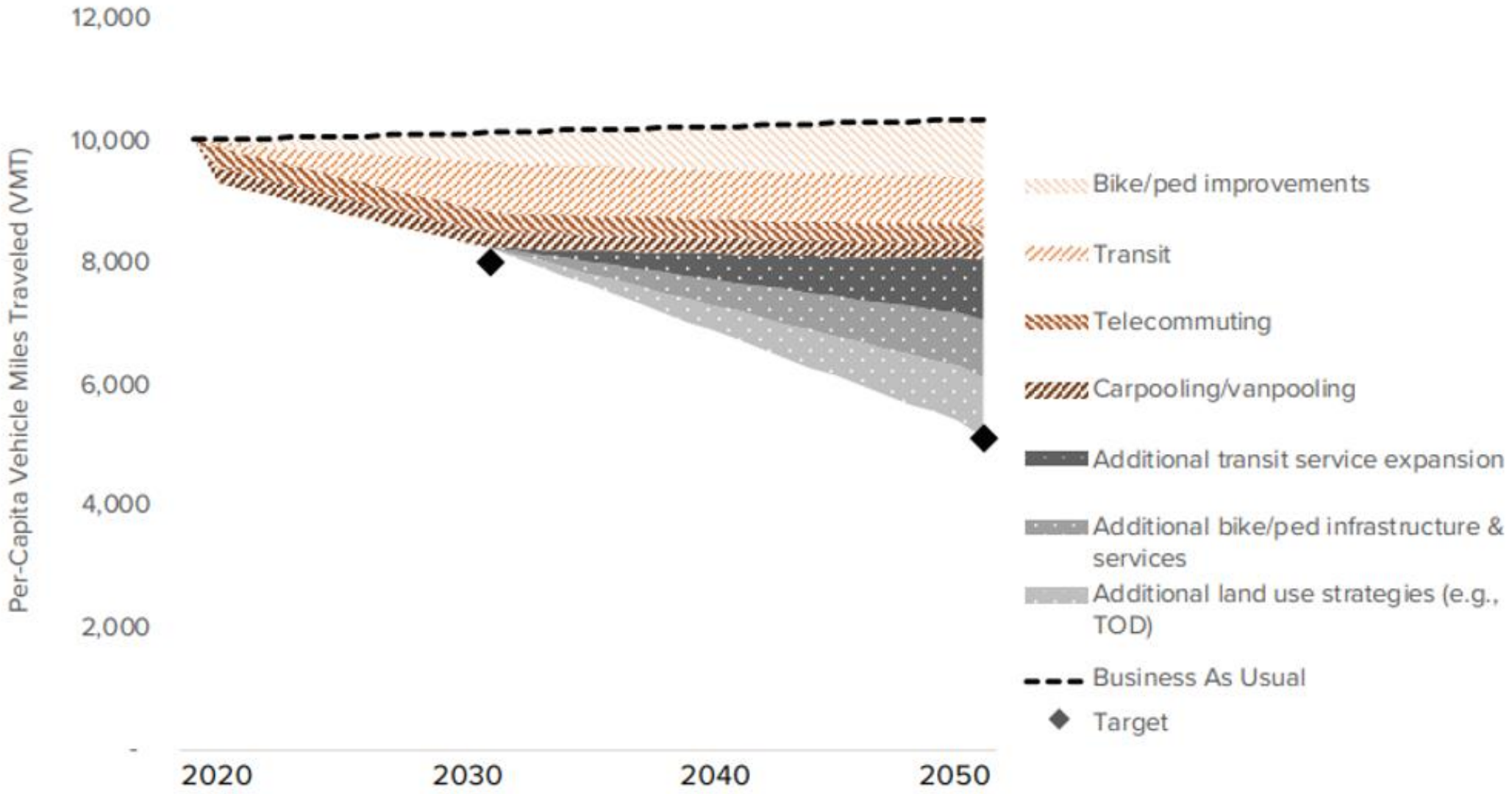
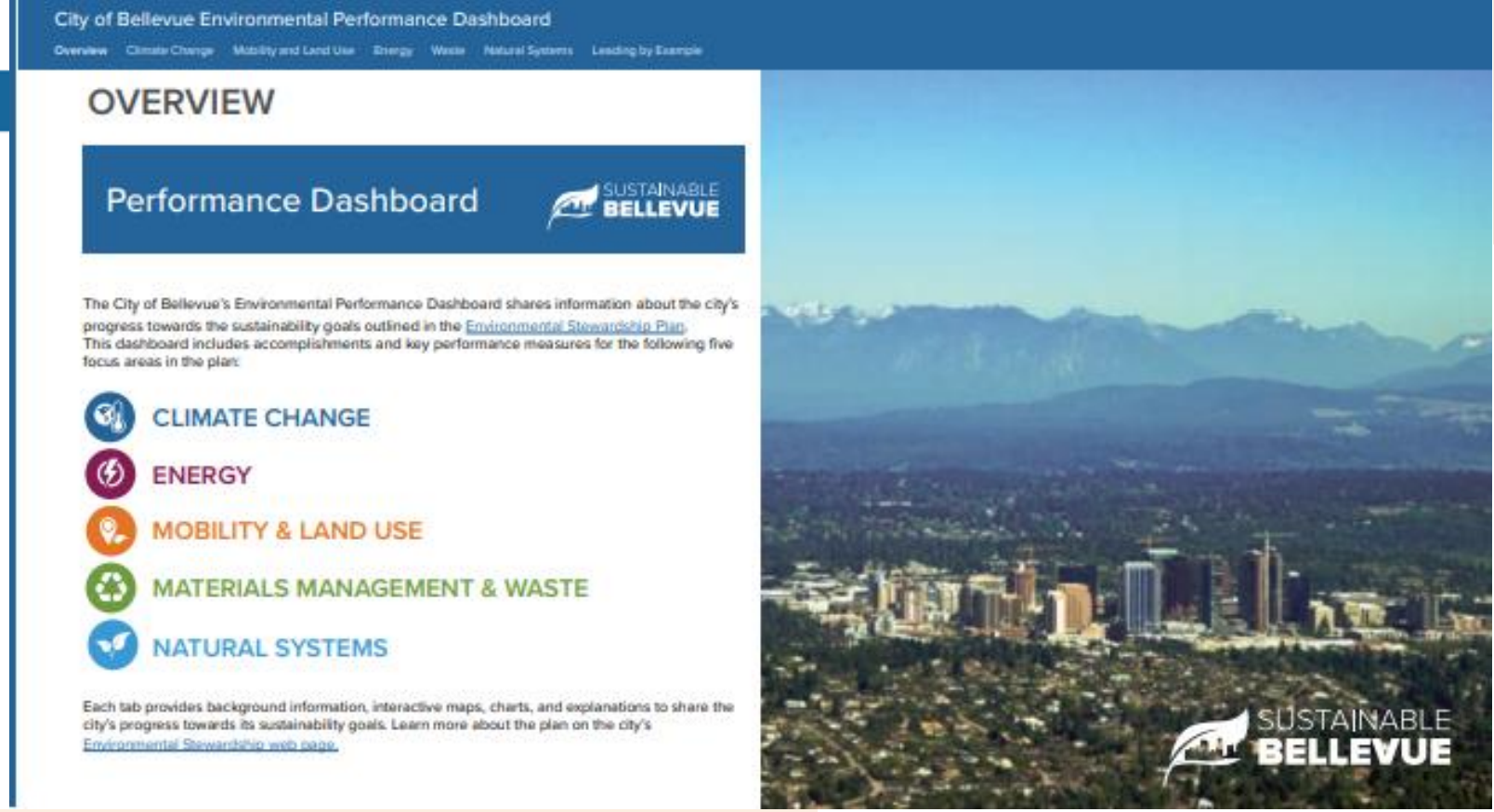
KPI	Progress	Targets	Strategies	Key Actions (2021-2025)
Resident drive alone rate (%)	63% 2014-18 avg	60% by 2030 45% by 2050	• Expand mobility options. • Convert and replace vehicles and equipment to electric and other low-carbon fuels.	• Mobility incentives for workers and residents • Sustainable land use • Telecommuting and flex-hours • Mobility Implementation Plan • EV infrastructure
Worker drive alone rate (%)	72% 2014-18 avg	65% by 2030 45% by 2050		
Electric vehicles (% of registered vehicles)	2% 2019	25% by 2030 100% by 2050		
Per-capita vehicle miles traveled (VMT) for Passenger Cars (Per-capita VMT, passenger cars)	7% since 2011	20% by 2030 50% by 2050		
Jobs located within 1/4 mile of a frequent transit stop (% of jobs)	73% 2019	75% by 2030 85% by 2050		
Housing located within 1/4 mile of a frequent transit stop (% of housing)	43% 2019	50% by 2030 65% by 2050		

Strategies to Achieve a Reduction in Per Capita Vehicle Miles Travelled by 50% by 2050



SUSTAINABLE BELLEVUE



Resident drive alone rate	% of residents commuting alone	63% 2014-2018 avg
Worker drive alone rate	% of workers commuting alone	72% 2014-2018 avg
Electric vehicles	% of registered vehicles	2% 2019
Per-capita vehicle miles traveled (VMT)	% reduction	7% since 2011
Jobs located within ¼ mile of a frequent transit stop	% of jobs	73% 2019
Housing located within ¼ miles of a frequent transit stop	% of housing	43% 2019

What You Can Do

- [ ] If you drive to work, **consider biking or taking the bus one or more days per week, or telecommuting if possible.** Use the Choose Your Way Bellevue platform to create a customized commute plan.
- [ ] Invite friends and colleagues to **split commute costs** and reduce your carbon footprint by vanpooling and carpooling.
- [ ] For your next car purchase, **go electric**! You will save money in the long-term, and significantly reduce your carbon footprint.
- [ ] Consider using a **remote conferencing service** for a work-related trip to reduce your contribution to carbon emissions associated with air travel.
- [ ] Next time you move homes, consider a location that allows you to **walk or bike to work, to transit stops and for errands**.

Discussion

Comments and questions

Thank You!

Level-of-Service in Bellevue
Toward a Multimodal Approach to Mobility

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Please visit the
Mobility Implementation Plan web site