

Safe Zero-Carbon Transportation

Vision for 2050

People can easily get around within and between neighbourhoods via networks of safe, accessible sidewalks, bike paths, and frequent transit. With increased choices, most people don't need to own a car, while all vehicles are zero-emissions, resulting in cleaner air and a quieter city.



Measures and Targets

MEASURE	2030	2050
GHG emissions from light-duty vehicles (% reduction from 2010)	30	100
Resident trips taken by walking, cycling, and transit (%) – currently 20% as of 2019	30	50
Total resident vehicle km travelled (% reduction from 2019)	TBD	TBD

GOAL 1

Prioritize walking, cycling and public transit over personal vehicles

Where We Are Now



“Building Foundations”

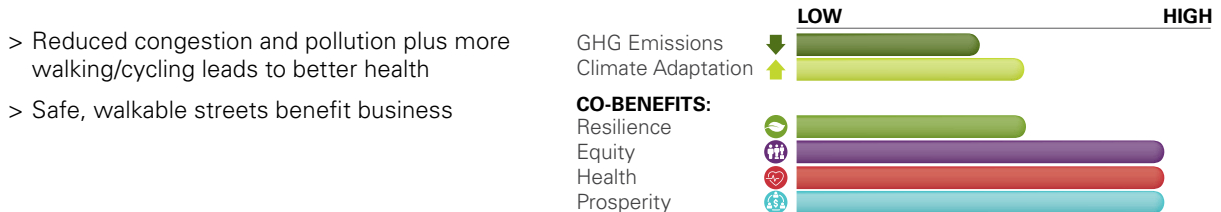
Strengths to Build On

- > Surrey-Langley SkyTrain provides opportunities to test policies for reduced vehicle reliance around rapid transit stations
- > Bus ridership in Surrey increased by 50% between 2015 and 2019 and Surrey is leading the region in post-COVID-19 bus ridership recovery (as of 2023, 15% above 2019 levels)
- > Walking trips grew by 77% in Surrey between 2011 and 2017

Shifts* – What is needed to reach this Goal?

- T1** Update transportation practices, policies, standards, and capital plans to prioritize walking, cycling, and public transit.
- T2** Build networks of accessible and protected walking, cycling, and rolling routes connecting popular destinations and 15-minute neighbourhoods.
- T3** Encourage more equitable and sustainable use of public space through revisions to on-street parking policies.
- T4** With support of senior governments, expand and improve frequent and rapid transit networks to connect all town centres, and provide transit service to connect 15-minute neighbourhoods.
- T5** Encourage personal and shared bicycles and other micro-mobility options through programs and infrastructure.

Potential outcomes and benefits of implementing these Shifts



*See Implementation Table (Section G) for specific Actions supporting these Shifts

GOAL 2

Transition to zero-emissions vehicles

Where We Are Now



"Progressing"

Strengths to Build On

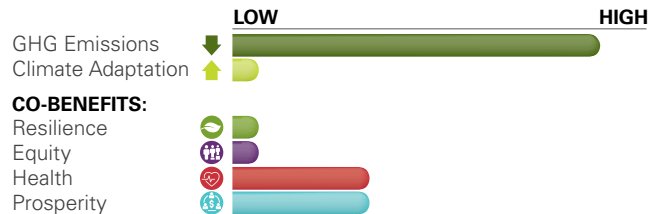
- > Council adopted an EV Strategy in 2021
- > Growing network of public EV charging
- > Market trends and senior government funding opportunities driving rapid EV uptake
- > Rapid growth provides opportunity for EV charging in new development

Shifts* – What is needed to reach this Goal?

- T6** Support and accelerate the transition of personal vehicles from internal-combustion to zero-emissions technologies.
- T7** Advocate for and support efficient and zero-emissions goods movement.
- T8** Support and encourage shared electric vehicles as an alternative to personal vehicles.

Potential outcomes and benefits of implementing these Shifts

- > Eliminating vehicle emissions significantly reduces community GHGs
- > Reduced air pollution supports health
- > Potential for revenue from sale of charging as low-carbon fuel to offset costs of infrastructure



*See Implementation Table (Section G) for specific Actions supporting these Shifts