

CO-BENEFITS

-  IMPROVED AIR QUALITY
-  JOB CREATION
-  COST SAVINGS
-  ENERGY RESILIENCE
-  ENHANCED MOBILITY

What is MTCO₂e?

METRIC TONS OF CARBON DIOXIDE EQUIVALENT

Each greenhouse gas (GHG) has a different ability to trap heat in the atmosphere. We can compare each GHG's heat-trapping ability to that of the GHG carbon dioxide (CO₂). This is called the CO₂ equivalent (CO₂e) and allows us to use a single measure to calculate all GHG emissions: metric tons of CO₂e (MTCO₂e).

4,333,200 MTCO₂e
GHG reduction potential

1,184,500 MTCO₂e
GHG reduction potential

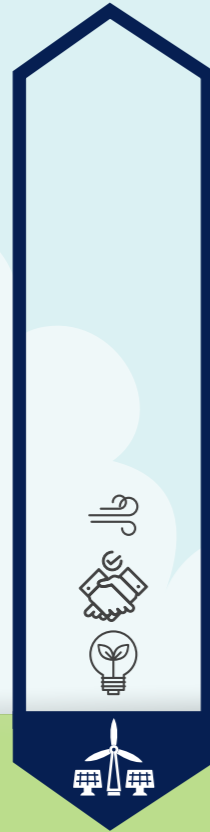
732,200 MTCO₂e
GHG reduction potential

649,800 MTCO₂e
GHG reduction potential

545,700 MTCO₂e
GHG reduction potential

211,400 MTCO₂e
GHG reduction potential

The values on top of each bar indicate the **2050 GHG emissions reduction potential** for implementing that strategy. Reduction potential values come from GHG modeling carried out in the summer of 2020, taking into account market feasibility for the earliest time each strategy could be put into place.



Renewable Energy

Installation of on-site renewable energy at homes and businesses

More renewables in the grid



Zero-Emission Vehicles

More electric, plug-in hybrid and fuel cell vehicles available

More charging infrastructure

Vehicle purchase incentives

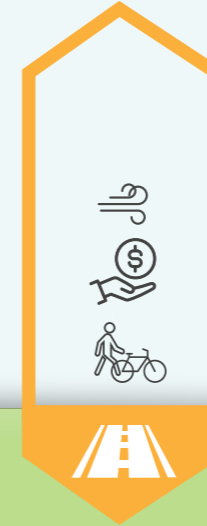


Building Energy Efficiency

Higher standards for energy performance

Buildings cost less to operate

More financial incentives available to implement upgrades



Fuel and Roadway Efficiency

More efficient, cleaner running vehicles

More options to get around without a car

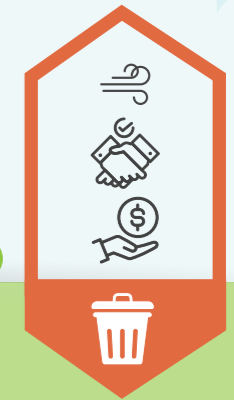
More walking and biking opportunities



Building Electrification

Buildings increasingly rely on electricity for all energy uses to maximize renewable benefits

Options for homes and businesses to upgrade building systems



Waste Diversion and Reduction

Increased options to divert waste through recycling and composting

Encourage the principles of "reduce, reuse, recycle (or compost)"

What does it mean?