

# CITY AND COUNTY OF DENVER 80X50 CLIMATE GOAL A STAKEHOLDER REPORT

*“We have a responsibility to protect and preserve our quality of life in Denver, and that means taking aggressive steps to combat climate change. We will not shrink from that responsibility. This issue calls for actions now, not inactions that will only slow progress and increase risk to our people here and around the world. Denver and Colorado have been leaders in combating climate change, as well as leaders in growing the clean energy economy. No matter what, we will continue that leadership role. We will continue to aggressively pursue our goal of reducing emissions 80 percent by 2050. We will continue supporting the creation of good paying jobs in clean energy. And we will continue to act with our eyes on the future.”*

— Mayor Michael B. Hancock, 2017

After Mayor Hancock announced Denver’s goal of reducing community greenhouse gas (GHG) emissions 80 percent below 2005 levels by 2050 (80x50), Denver Environmental Health developed a stakeholder process to identify and vet appropriate strategies to meet the goal. The following targets are the result of that process. Based on the targets identified by the stakeholders and public input on those targets, Denver will release a plan to reach the 80x50 goal.

## 80x50 Stakeholder Vision:

- Make Denver a leader in clean and local energy that comes from the sun, wind, or other innovative renewable technologies.
- Transform Denver buildings into high-performing places to live, work, learn and play.
- Inspire community action and ensure environmental justice and equity as Denver transitions to a carbon-free energy system.
- Transform Denver into a community where people walk, bike, take transit, or carpool for most trips in a safe, accessible and affordable transportation network.
- Aggressively transition toward a clean, carbon-free transportation system that improves the health and livability of Denver’s communities.
- Become a leader in sustainable, smart transportation through innovative partnerships, policies, programs and technology.

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## TARGETS:

### ENERGY EFFICIENCY AND FUEL SWITCHING

By 2020, Denver will reduce commercial building energy use by 10%

By 2030, Denver will reduce commercial building energy use by 20%

By 2035, all new buildings in Denver will be net-zero

By 2050, 90% of existing buildings will complete energy efficiency improvements

By 2050, 50% of tenants will participate in a green lease program

By 2050, switch 50% of fuel usage in commercial and residential properties from natural gas/propane to low-carbon fuel and/or electric heat

### ELECTRIC VEHICLES

By 2030, all electric vehicles will be powered by 100% renewable electricity

By 2050, 80% of light-duty vehicles will be electric

By 2050, 100% of Denver's light- and heavy-duty vehicles will be electric or fueled by other carbon-free fuel

By 2050, 100% of taxis and transportation network vehicles will be electric

### FREIGHT

By 2050, 74% of freight trucks will use carbon-free fuel

### MOBILITY

By 2030, 8% of commuters will bike to work

By 2030, 9% of commuters will walk to work

By 2030, 7.5% of commuters will telecommute

By 2050, 18% of commuters will bike to work

By 2050, 15% of commuters will walk to work

### PUBLIC TRANSIT AND CARPOOL

By 2030, 16% of commuters will use public transit

By 2050, 18% of commuters will use public transit

By 2050, 100% of transportation will be carbon free