



CLIMATE ACTION PLAN

UPDATE

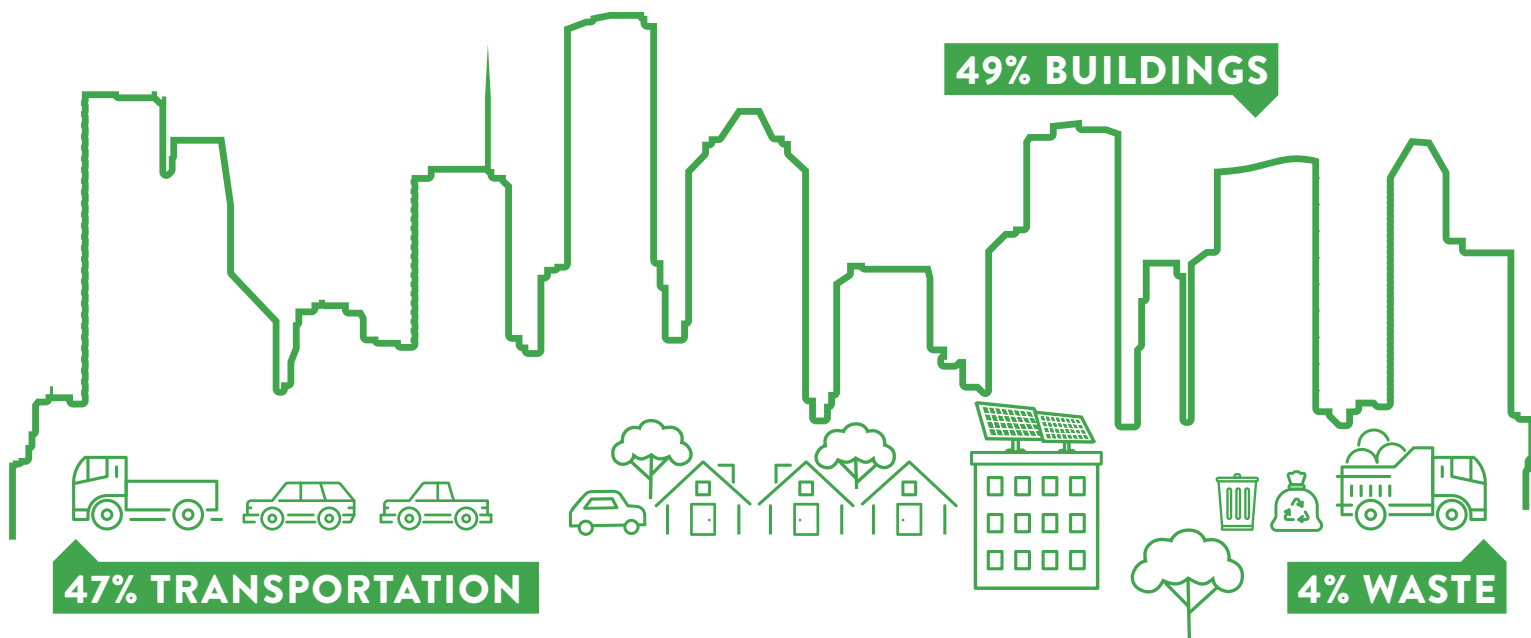


GOAL: CARBON NEUTRAL BY 2050

To help Houston reduce the impacts of a changing climate, the Houston Climate Action Plan has set an ambitious goal of becoming Carbon Neutral by 2050. We will accomplish this by reducing and offsetting the carbon dioxide that we release into the atmosphere.

SOURCES OF HOUSTON'S EMISSIONS

In 2014, Houston residents and businesses emitted nearly 35 million tons of greenhouse gases through carbon-fueled buildings, cars, and waste.



THE HOUSTON CAP IS LOOKING AT FOUR DISTINCT AREAS TO DECREASE COMMUNITY GREENHOUSE GAS EMISSIONS:

BUILDING OPTIMIZATION

- Energy efficiency
- Operations and maintenance
- Design and construction



ENERGY TRANSITION

- Renewable energy generation
- Green infrastructure and technology
- Carbon offset and renewable energy purchases



MATERIALS MANAGEMENT

- Landfill waste reduction
- Sustainable purchasing and consumption
- Composting
- Recycling



TRANSPORTATION

- Transit-oriented and walkable communities
- Multi-modal transportation
- Vehicle electrification



WHY DO WE NEED A CLIMATE ACTION PLAN?

After three 500-year floods in as many years culminating with the largest rain event in North American history, climate change is an unprecedented challenge for Houston. Sustainability and resiliency go hand-in-hand and this plan is essential to the health and economic vitality of Houston's future. *The time for bold action is now.*

Developing a Climate Action Plan allows the City to develop strategies that will:

- Increase mobility options
- Improve air quality
- Expand renewable energy usage
- Reduce energy costs
- Increase green space
- Enhance resilience
- Improve community equity and quality of life
- Regional economic growth

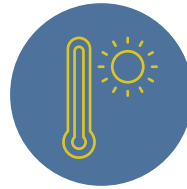
THE COST OF INACTION



CHANGES IN PRECIPITATION



SEA LEVEL RISE



RISING TEMPERATURES



MORE EXTREME WEATHER

Climate change will negatively impact our health, environment, property, and infrastructure. If we do not reduce our emissions now, it will be harder and more expensive to adapt Houston for a changing climate in the future.

TIMELINE



Learn more: <http://bit.ly/HOUSTON-CAP>

