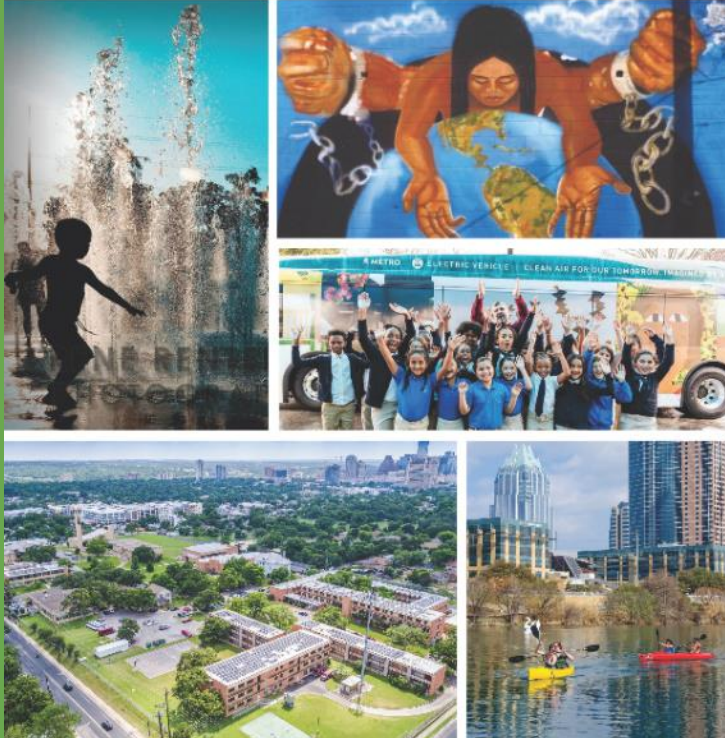


AUSTIN CLIMATE EQUITY PLAN



Austin Climate Equity Plan

April 2022



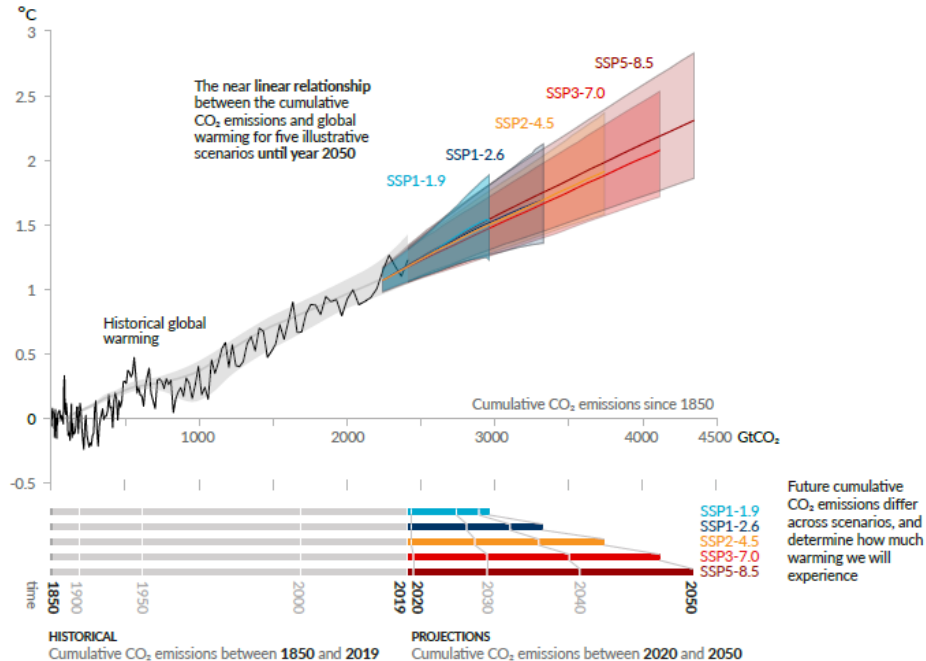
OFFICE OF
SUSTAINABILITY

CITY OF AUSTIN

IPCC 6th Assessment Report

Every tonne of CO₂ emissions adds to global warming

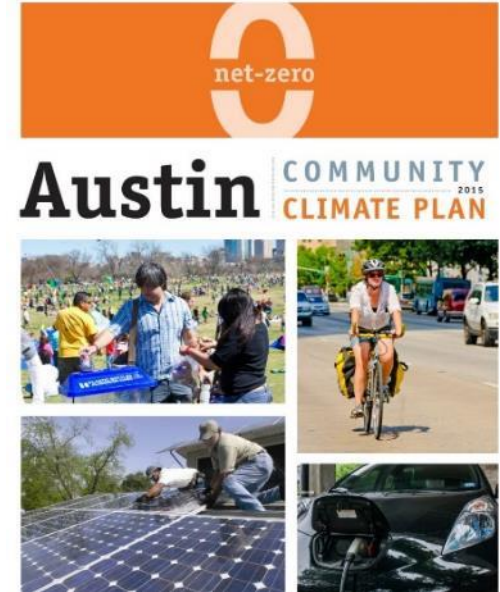
Global surface temperature increase since 1850-1900 (°C) as a function of cumulative CO₂ emissions (GtCO₂)



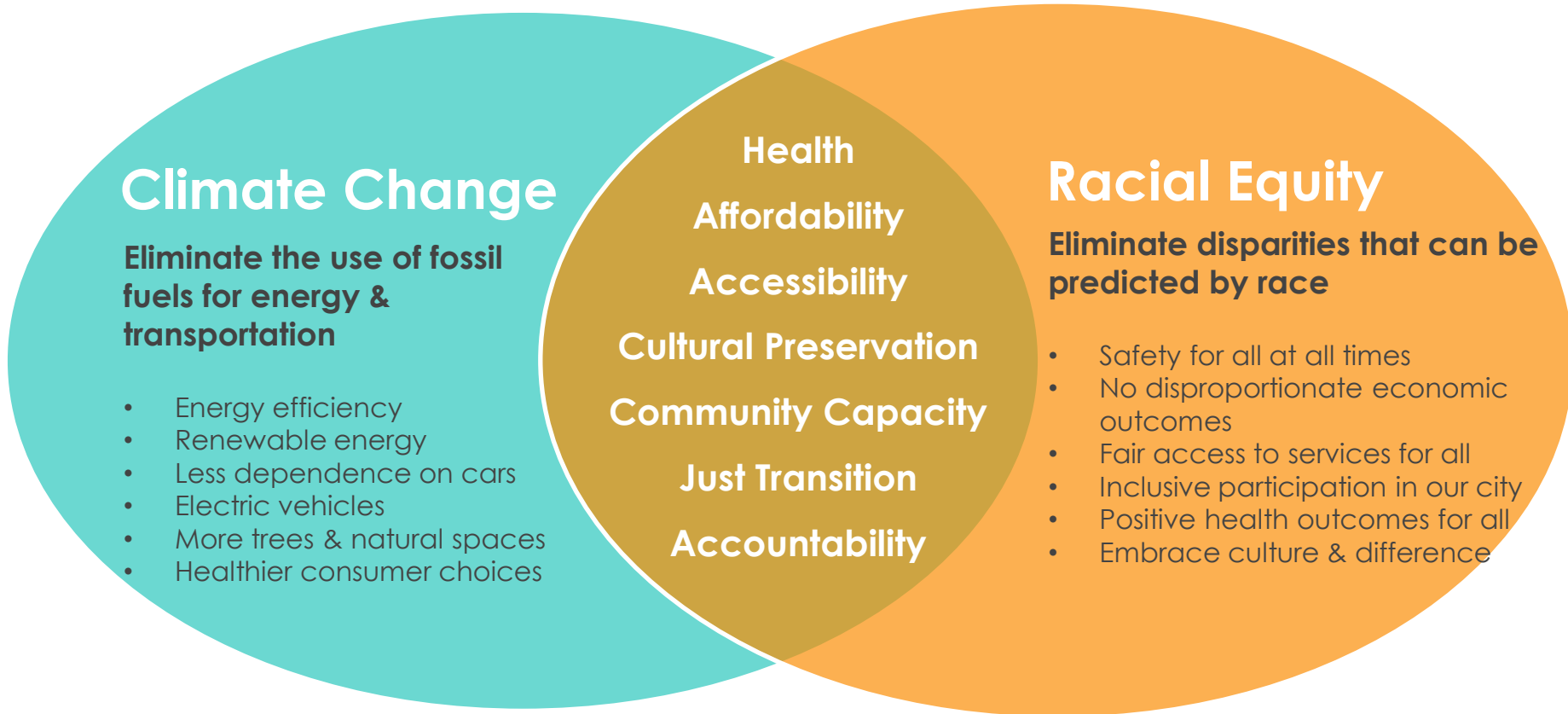
Climate Planning Timeline



- June 2015 First Plan adopted by Council
- November 2019 5-year Update Process Begins
- 2019-2021 Plan Development Process
- September 2021 Formally Adopted by City Council

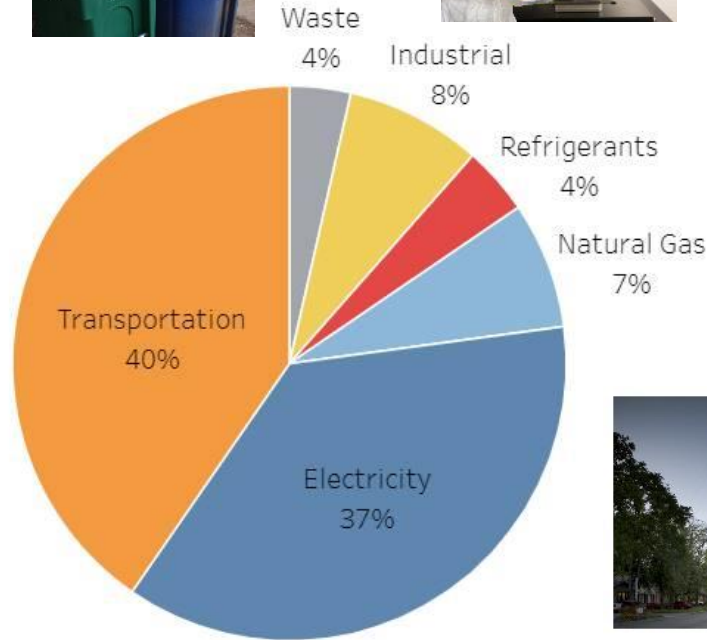
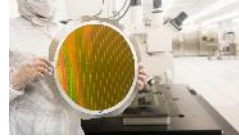


Plan Commitment to Racial Equity



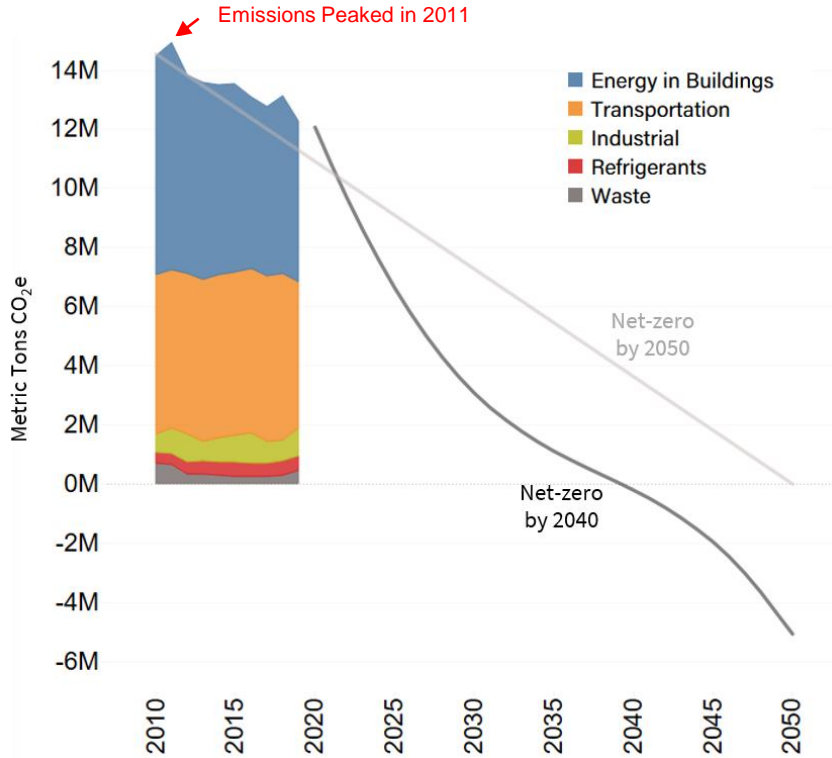
If we're not proactively addressing equity, we're perpetuating injustice.

City of Austin – Community Carbon Footprint



2019: 12.3 million metric tons CO₂e

New Proposed Community-Wide Goal



Previous Goal: Net-zero by 2050
(Previously Adopted by Council)

New Goal: Net-zero by 2040
(Adopted by Council on 9/30/21)

Plan Development Process



Joint Sustainability
Committee

Steering
Committee

Climate and
Environment
Leadership Team

- Diverse participation
- Community ownership approach
- Mandatory Equity training



Staff + Stakeholder Advisory Groups

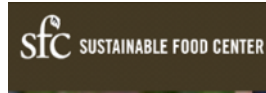
Participating Stakeholder Organizations



TBG



CENTRAL HEALTH



THE CONSERVATION FUND



Texas Electric Transportation Resources Alliance



TEXAS



Perkins & Will



A Division of ONE Gas



TRAVISCOUNTYTX.GOV



INTEGRAL



Community Climate Ambassadors



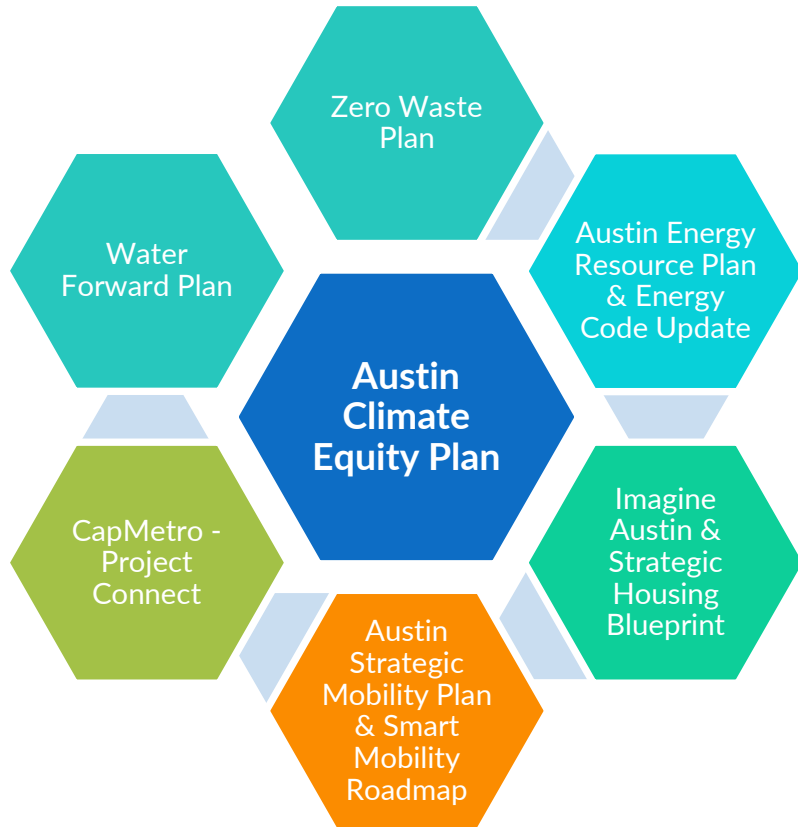
- 50% African American/Black
- 25% Latino/Hispanic
- 8% Asian
- 8% Pacific Islander
- 8% Two or more races
- Over 50% under 24 years old
- Over 75% female

Priorities & concerns

Ambassadors helped identify these high-level community concerns, which will be detailed further in the next section.



A Plan Among Plans



Climate Equity Plan

5 Plan Sections

- Sustainable Buildings
- Transportation Electrification
- Transportation & Land Use
- Natural Systems
- Consumption

Plan Overview

4 Cross-Cutting Strategies - Big picture **themes**

17 Goals – To be accomplished **by 2030** to keep on track

74 Strategies - Progress in next **5 years**

Equity Throughout, particularly in *Strategies*

- Prioritize **incentives** + target communications towards **low-income & communities of color**
- Just transition **to green jobs** for new industries & technology
- Prioritize health + other benefits for **Eastern Crescent**
- **Center communities of color** in ongoing learning

2030 RESOURCE GENERATION PLAN



Customer Driven.
Community Focused.™

- 93% carbon-free generation by 2030, 100% by 2035
- 1,200 MW of conservation, including 225MW of peak capacity
- 1% of retail sales per year in energy efficiency savings, at least 25,000 customer participants annually, 25% limited income
- 375 MW of local solar, 200 MW of customer-sited
- 40 MW of local thermal storage
- REACH – market based approach for short term carbon reduction
- No new Austin Energy carbon generating assets
- Retire Decker Steam Units in 2020, 2021
- Close Austin Energy's share of Fayette at the end of 2022
- Commitment to equity evaluation for programs

Cross-cutting Strategies

Strategy 1: Green Jobs and Entrepreneurship

Strategy 2: Prioritize Local Community Initiatives

Strategy 3: Regional Collaboration

Strategy 4: Local Carbon Reduction Projects, Carbon Offsets and Carbon Dioxide Removal



Sustainable Buildings – 4 Goals to be achieved by 2030



1: Achieve net-zero carbon for all new buildings and reduce emissions by 25% for existing buildings while lowering all natural gas related emissions by 30%.

2: Reduce community-wide greenhouse gas emissions from refrigerant leakage by 25%.

3: Reduce the embodied carbon footprint of building materials used in local construction by 40%.

4: Equitably achieve a community-wide water demand of 152,000 acre-feet per year.

Transportation and Land Use – 3 Goals to be achieved by 2030



1: 80% of new non-residential development is located within the city's activity centers and corridors.

2: Preserve and produce 135,000 housing units, including 60,000 affordable housing units, with 75% of new housing located within 1/2 mile of activity centers and corridors.

3: 50% of trips in Austin are made using public transit, biking, walking, carpooling, or avoided altogether by working from home.

Transportation Electrification – 3 Goals to be achieved by 2030



1: 40% of total vehicle miles traveled in Austin are electrified, and electric vehicle ownership is culturally, geographically and economically diverse.

2: Austin has a compelling and equitably distributed mix of level 1, 2, and DC fast charging to accommodate 40% of total vehicle miles traveled in the city.

3: The Austin-Round Rock-San Marcos areas is a leader in transportation electrification by adopting policies and technologies that maximize economic and health benefits while supporting the growth of this emerging industry.

Food and Product Consumption – 3 Goals to be achieved by 2030



1: Ensure all Austinites can access a food system that is community-driven, addresses food insecurity, prioritizes regenerative agriculture, supports dietary and health agency, prefers plant-based foods, and minimizes food waste.

2: Reduce greenhouse gas emissions from institutional, commercial, and government purchasing by at least 50%.

3: Aggressively pursue waste reduction, organics composting, and recycling to achieve a new zero-waste goal when the new Austin Resource Recovery Zero Waste Plan is adopted.

Natural Systems – 3 Goals to be achieved by 2030, 1 by 2050



1: Legally protect an additional 20,000 acres of carbon pools on natural lands and manage all new and existing natural areas (approx. 70,000 acres total), focusing on resilience.

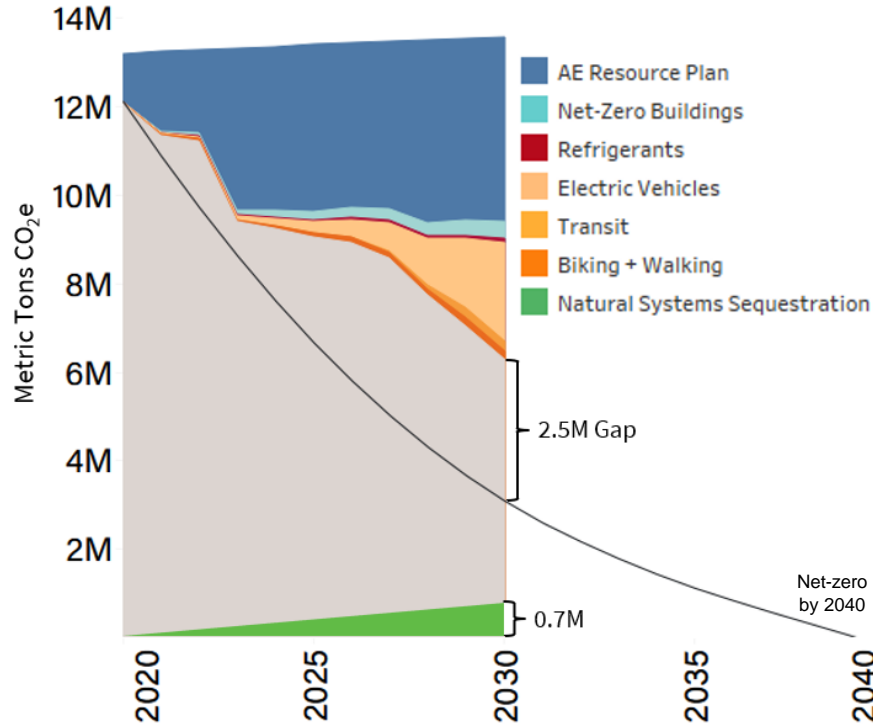
2: Protect 500,000 acres of farmland from development in the 5-county region through legal protections and regenerative agriculture programs.

3: Achieve at least 50% citywide tree canopy cover by 2050, focusing on increasing canopy equitably.

4: Include all City-owned lands under a management plan that results in neutral or negative carbon emissions and maximizes community benefits.



2030 Projected Emissions Reductions



Emissions Reduction Strategies

Buildings	Current	Goal
Carbon Free % of AE Customer Load	63%	93%
Net-Zero Carbon Buildings	<1%	25%
Refrigerant Leaks	-	-25%
Transportation	Current	Goal
Electric Vehicle Miles Traveled	1%	40%
% of Trips on Public Transit, Biking or Walking	20%	50%



September 30 - Resolution 99

Adopted 10-1:

Approve the adoption of the Austin Climate Equity Plan, which sets a new community-wide goal of equitably reaching **net-zero community-wide greenhouse gas emissions by 2040**, using a steep decline path followed by negative emissions.



Resolution 110

<https://www.austintexas.gov/edims/document.cfm?id=368416>

Clearly define leadership responsibilities over implementation of plan and over the climate emergency and sustainability efforts and **quarterly updates** during work sessions.

Recommendations that do not require a budget amendment, can be launched near term, report progress at the first quarterly update, and create recommendations for a **midyear budget amendment by March 1, 2022**

Fiscal Year 2023 budget process and all future budgets, **identify investments to achieve net-zero goals**



Resolution 110 (Part 2)

Build on existing green jobs programs, leverage City's workforce development efforts to advance equitable green jobs and entrepreneurship

Create a public-facing, accessible dashboard on plan implementation progress

Evaluate **extending the Climate Ambassador program**



Next Steps

- February Memo Update:
<https://www.austintexas.gov/edims/pio/document.cfm?id=376186>
- Story Map:
<https://storymaps.arcgis.com/stories/a16c5def2fef4a2285be0737e2efdeb0>
- Ongoing Joint Sustainability Committee Oversight
- Ongoing Implementation and Budget Discussions

Thank you!

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