
Austin Community Climate Plan 2020 Revision

6/ 24/ 20
JSC



OFFICE OF
SUSTAINABILITY

CITY OF AUSTIN

Schedule

June First full draft of the plan

July Reviews and Revisions by Staff and Steering Committee

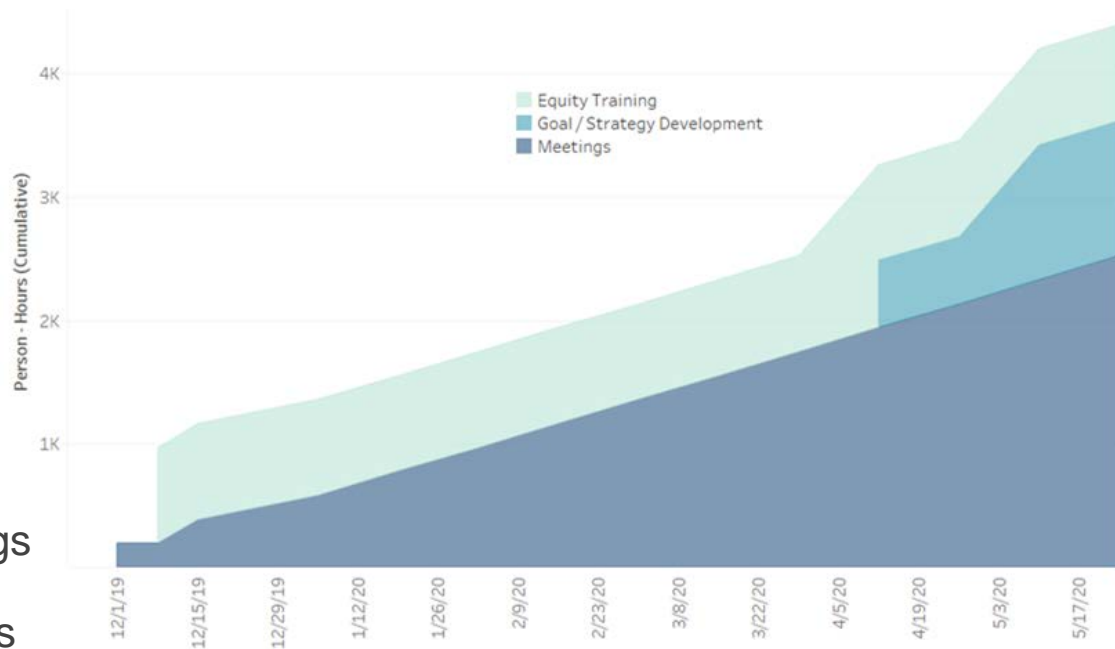
Aug. Boards & Commissions + Public Comment Period

Sept. Finalize and present to council

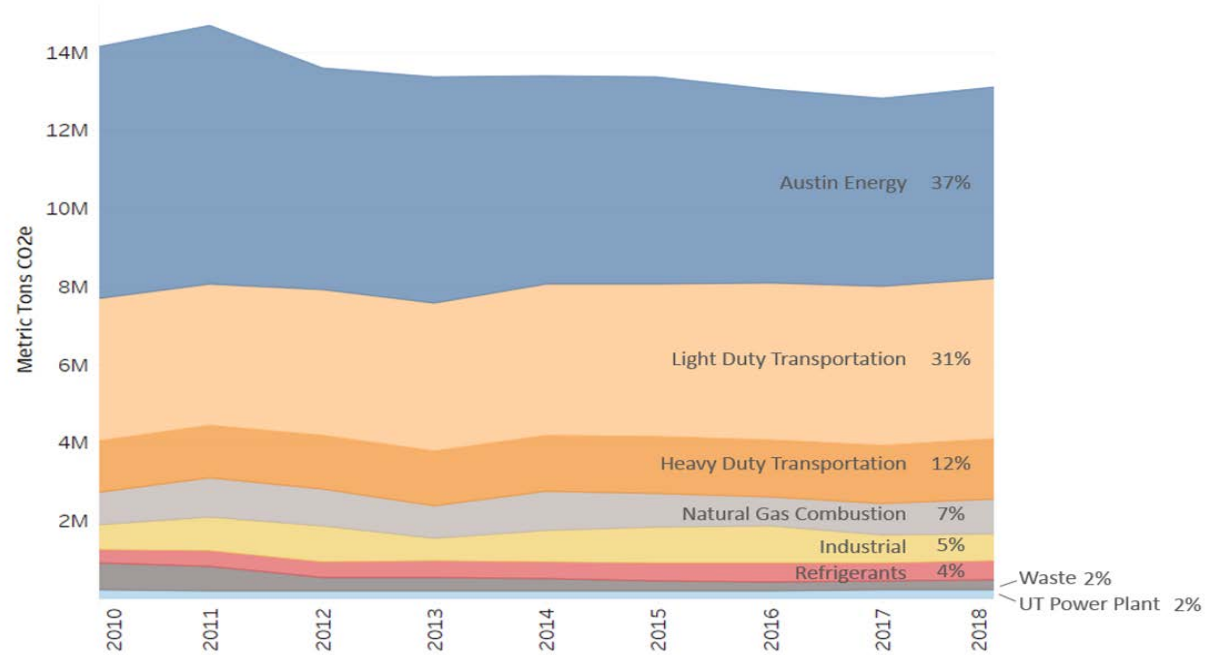


How was this plan created?

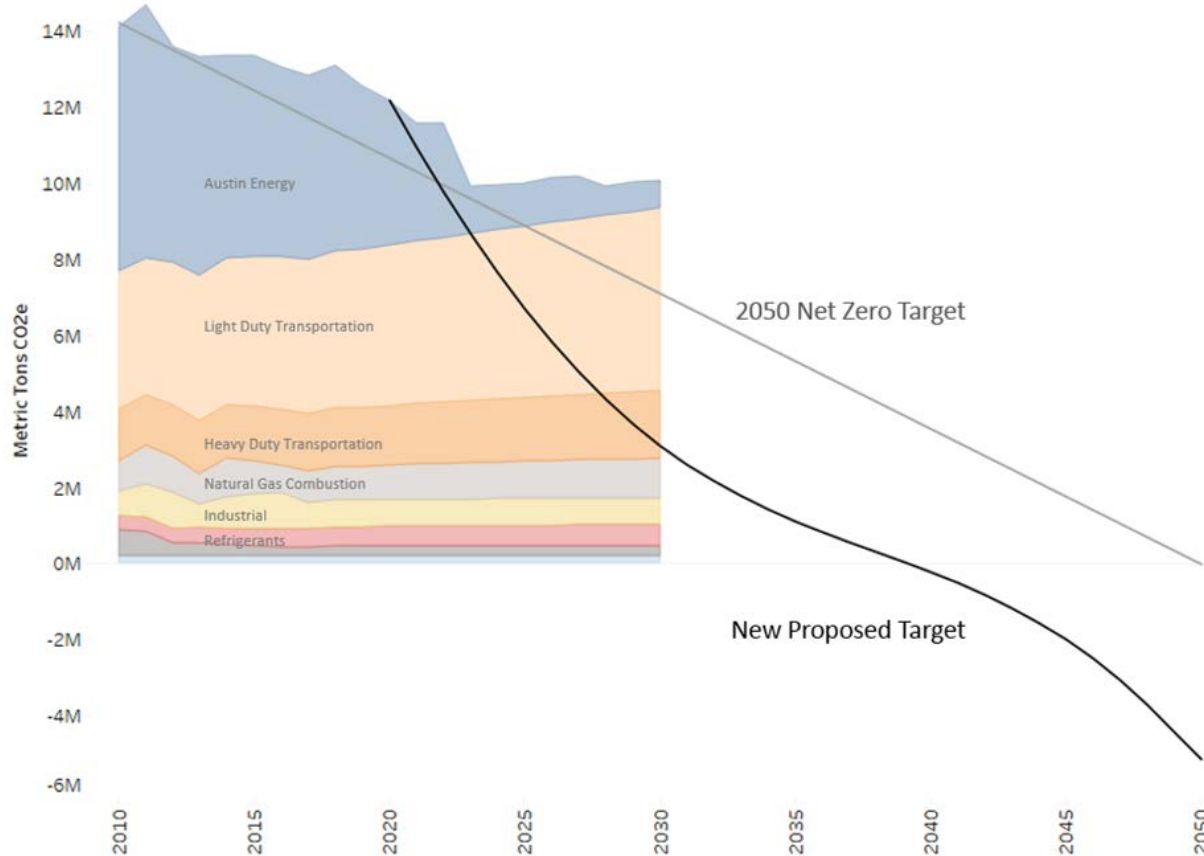
- 24 City Staff
- 120 Community Members
(NGO, Govt, Business)
- 12 Ambassadors
- Overall
 - 50% People of Color
 - 54% Women
- 4 Equity Trainings
- 5 Community Workshops
(over 250 attendees)
- 14 Steering Committee Meetings
- 60+ Advisory Group Meetings
- 50+ Interviews by Ambassadors



Austin's Community-wide Greenhouse Gas Inventory



Net-zero by 2050 → Net-zero by 2040

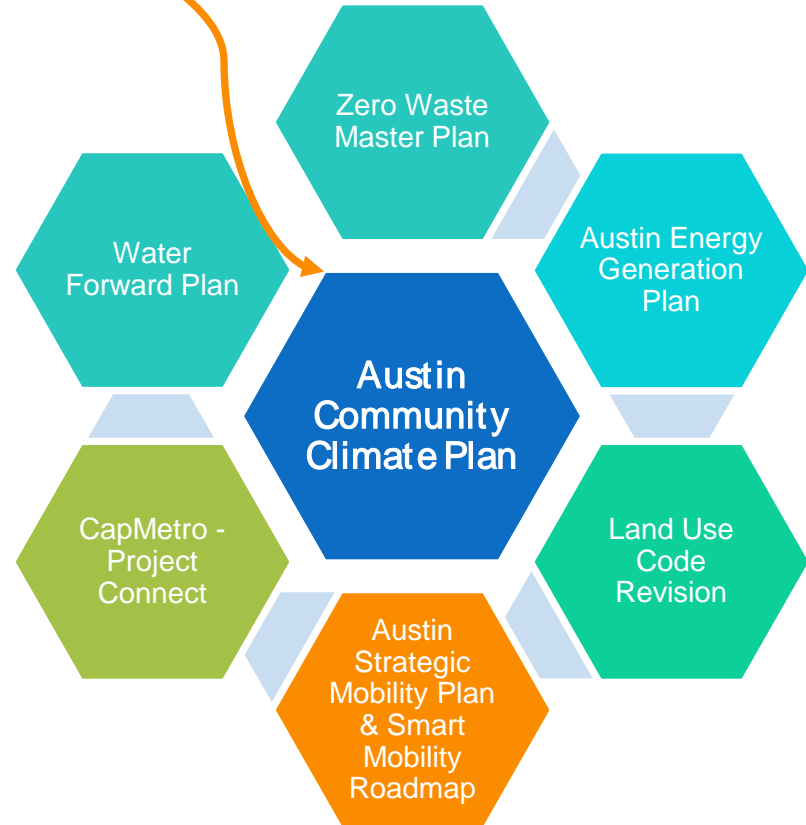


Draft Goals & Strategies

A Plan Among Plans

5 Plan Sections:

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



Summary

17 Goals - What needs to be accomplished by 2030 to keep us on track

71 Strategies - What should be implemented in the next 5 years to make progress

Centered on Equity Throughout

- Prioritize incentives and target communications towards low income communities and communities of color
- Specific focus on Anti-Displacement
- Focus on a Just Transition (training and jobs) for new industries and technology
- Prioritize Health benefits for the Eastern Crescent
- Involve communities of color in ongoing learning and studies



SUSTAINABLE BUILDINGS

Sustainable Buildings

Goal 1: All new buildings will be Net Zero Carbon by 2030, and all existing buildings will be Net Zero Carbon by 2040, while striving to reduce energy burden across the city.

- Ensure benefits flow to under-resourced communities
- Enhance accessibility of energy information and understanding
- New energy building codes and full electrification of buildings
- Equitable workforce development for emerging technologies
- Natural gas emissions reduction

Goal 2: By 2030, reduce community-wide greenhouse gas emissions from refrigerant leakage by 25%.

- Old refrigerant destruction
- Building codes for no and low GWP refrigerants
- Commercial leak reduction and repair
- Awareness and training for HVAC service providers

Goal 3: By 2030, reduce embodied carbon footprint of building materials used in local construction by 40% from a 2020 baseline.

- City design and construction standards
- Incentivize through PUDs and AE Green Building Standard
- Partnerships to decarbonize high-impact materials
- Equitable stakeholder education and outreach



TRANSPORTATION & LAND USE

Transportation and Land Use

Goal 1: By 2030, 80% of new non-residential development is located within the city's growth centers and corridors

- Future Development
- Employers
- Community Hubs
- Parking

Goal 2: By 2030, 70% of new housing units are located within the city's growth centers and corridors while preserving 10,000 deeply affordable housing units and producing 1,000 deeply affordable units.

- Immediate Assistance
- Fund Affordable Housing
- Engagement

Goal 3: By 2030, public transit will make up 5% of distance traveled for all trips in Austin.

- Public Transportation
- Free Transportation
- Transit Stations and Stops

Goal 4: By 2030, people-powered transportation (bicycle, walking, wheelchairs, etc.) will make up 4% of distance traveled for all trips in Austin.

- Bicycle Network
- Bicycle Education
- Sidewalks, Urban Trails and Crossings



TRANSPORTATION ELECTRIFICATION

Transportation Electrification

Goal 1: By 2030, 40% of total vehicle miles traveled in the Austin are electrified (460,000 electric vehicles) and vehicle ownership is diverse culturally, geographically and economically.

- Electric Vehicle Community Needs Assessment
- Equitable Incentives for Purchasing and Leasing Private EVs
- Reduced Tolls for Eastern Crescent EVs
- Electrified Bike + Car Sharing + Transit
- Public Sector Fleet Electrification
- Private Fleet Electrification

Goal 2: By 2030, Austin has adequate and equitably distributed charging infrastructure that is a mix of level 1, 2, and DC fast charging to accommodate 40% of total electrified vehicle miles traveled in the City (226 megawatts of electrical load and could mean over 37,000 charging ports).

- Low-cost Accessible Charging Network for all
- Intelligent Internet-Connected Charging
- Energy and Building Codes
- Culturally Competent Outreach

Goal 3: The Austin-Round Rock MSA will be a global leader in transportation electrification by adopting policies and technologies that maximize the economic and health benefits for all while evolving with and defining the growth of this emerging industry.

- Regional Coalition
- Piloting New Technology
- Just Transition for Workforce



FOOD AND PRODUCT CONSUMPTION

Food and Product Consumption

Goal 1: Ensure 100% of Austinites, with a focus on the food insecure, can access a pro-climate, pro-health food system built for equity and resilience by 2030.

- Pro-Climate, Pro-Health Institutional and Corporate Food Procurement
- Provide Equitably Allocated Funding for Community-Driven Pro-Climate, Pro-Health Foods
- Incentivize Affordable and Culturally Relevant Food Choices
- Engage and Empower Individual Pro-Climate, Pro-Health Food Choices
- Conduct Food Waste Root Cause Analysis

Goal 2: By 2030, reduce greenhouse gas emissions from institutional, commercial and government purchasing by at least 50%.

- Measurement and Metrics
- City of Austin Sustainable Purchasing
- Non-City Purchasing Standards/Guidelines
- Sustainable Purchasing Network
- Expand Circular Economy Program

Goal 3: By 2030, Reduce the community-wide per capita disposal rate to be among the top three lowest disposal rates in the US.

- Consumer Awareness
- Eco-hubs
- Workforce Development
- Financial Incentives
- Bulky Item Reuse



NATURAL SYSTEMS

Natural Systems

Goal 1: Protect at least 40,000 acres of carbon on natural lands through legal protection and restoration management with a focus on resilience.

- Protect Natural Lands
- Manage Natural Lands for Resilience
- Provide Community Access to Natural Lands
- Protecting Water Sources

Goal 2: Protect 10-30% of prime farmland acres or farmland of unique and local significance in the 5-county region, through legal protections and/or regenerative agriculture programs.

- Protection of Working Lands
- Reform Agricultural Tax Appraisals
- Support Farmers via Financial Assistance & Resources
- City Compost
- Workforce Development

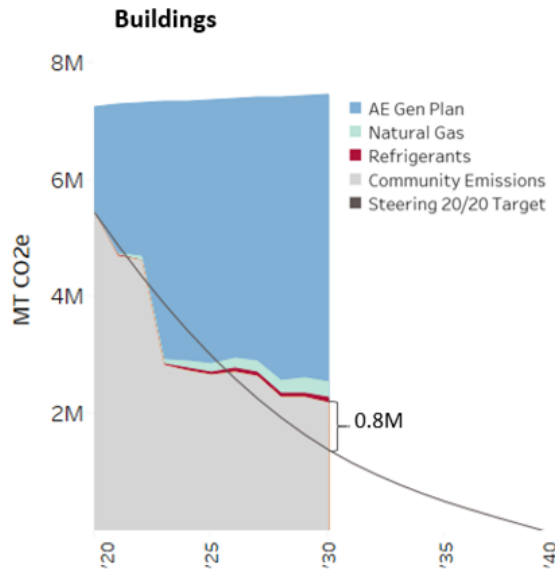
Goal 3: Move towards achieving 50% tree canopy cover citywide by 2050, with a focus on increasing canopy cover in areas where coverage is lower than average.

- No Net Tree Canopy Loss
- Tree Protections and Landscape Regulations
- Community Tree Planting
- Promote Tree Health and Resilience on Private Properties

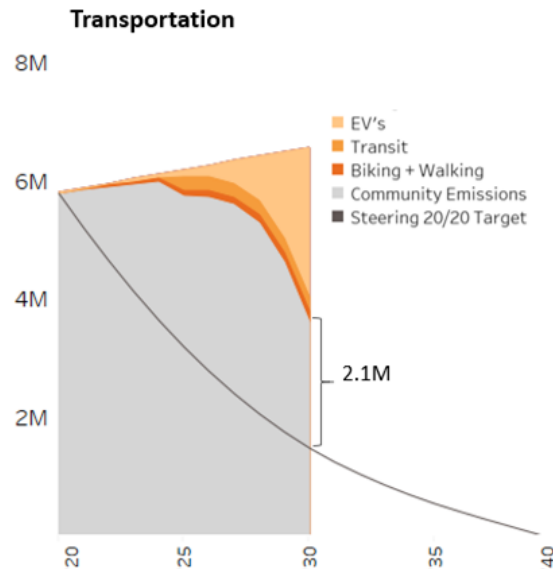
Goal 4: Have all City-owned lands under a landscape management plan that results in neutral or negative carbon emissions and maximizes community co-benefits.

- Priorities
- Reclaiming Public Space
- Community Stewardship
- Carbon Farming

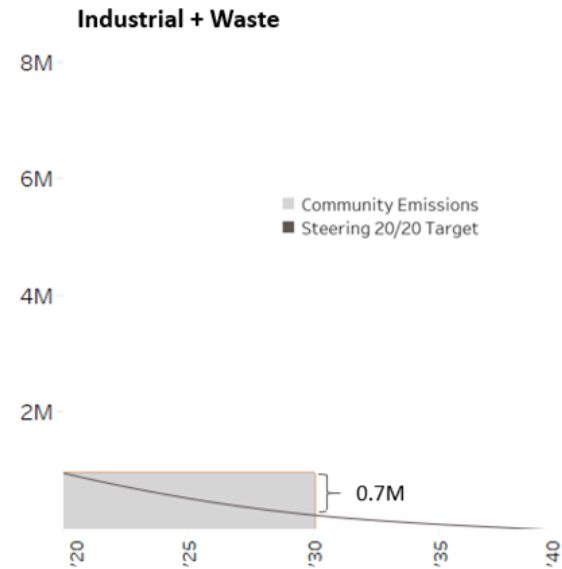
Emissions Modeling



Measure	Current	Goal
Building Electrification	-	25%
Refrigerant Leaks	-	-25%



Measure	Current	Goal
Electric Vehicle Miles Traveled	1%	40%
% Transit Miles Travelled	0.3%	4.6%
% People Powered Miles Travelled	0.8%	3.9%



Thank you!



Questions?



More information:

- [austintexas.gov/ climateplan](https://austintexas.gov/#!/climateplan)
 - [SpeakUp Austin!](#)
-