



**Joint Sustainability Committee
Climate Program Manager Update**

May 27, 2020

Current Status

- The First DRAFT of Goals / Strategies from the Advisory Groups are in (with a few additions coming later this week).
- Friday 6/5 – Steering Committee comments due.
- Monday 6/15 – Advisory Groups submit final goals/strategies to Steering Committee
- Friday 6/19 – First full draft of the Revised Climate Plan Complete
- Next JSC Meeting in June 24 – Another update with more details

Schedule - Revised as of 5/15



1st view of the DRAFT goals

Transportation and Land Use - Goals

- 1. By 2030, 70% of new housing units are located within the growth centers and corridors and 80% of new non-residential development are located within the growth centers and corridors.**
- 2. Preserve 10,000 deeply affordable housing units and produce 1000 deeply affordable units by 2030.**
- 3. By 2030, Public Transit will make up 20% of total commutes in Austin.**
- 4. By 2030, 20% of Austin residents will work from home.**
- 5. By 2030, People-powered Transportation (bicycle, walking, wheelchairs, etc.) will make up 15% of total commutes in Austin.**

Transportation Electrification - Goals

- 1: By 2030, 40% of total vehicle miles traveled in the City of Austin are electrified (approximately 460,000 electric vehicles) and vehicle ownership is diverse culturally, geographically and economically.**
- 2. By 2030, has adequate and equitably distributed charging infrastructure that is a mix of level 1, 2, and DC fast charging to accommodate 40% of total vehicle miles traveled electrified in the City. This translates to 226 Megawatts of electrical load just to support public, workplace, multifamily, and fleet applications. and could mean over 37,000 charging ports**
- 3. The Austin-Round Rock MSA will be a global leader in transportation electrification by adopting policies and technologies that evolve with and define the growth of this emerging industry to maximize the economic and health benefits for all.**

Natural Systems - Goals

1. Protect at least 40,000* acres of carbon pools on natural lands by having these lands under legal protections and being actively restored or managed for resilience. (*exact quantification of percentage and acreage target still under review)
2. Protect 10-30%* of the acres of prime farmland soils or farmland of unique and local significance in the 5-county region by having these lands under legal protections and/ or participating in a regenerative agriculture program. (*exact quantification of percentage and acreage target still under review)
3. Move towards achieving 50% tree canopy cover city-wide by 2050, focus on increasing canopy cover in areas where there is currently lower than average canopy.
4. Have all City-owned lands under a landscape management plan that results in neutral or negative carbon emissions and maximizes community co-benefits.

Consumption - Goals

1. By 2030, position Austin as a national and global waste reduction leader by reducing the community-wide per capita disposal rate to be among the top 5 lowest measured disposal rates (in pounds per capita) in the US and among C40 cities.
2. By 2030, reduce GHG emissions by at least 50% as it relates to non-residential level (institutional, commercial, governmental) purchasing.
3. **FOOD GOALS AND STRATEGIES ARRIVING ON MAY 29**

Sustainable Buildings - Goals

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.
2. By 2030, reduce embodied carbon footprint of building materials used in local construction by 40% from a 2020 baseline. Target cannot exceed 500 kg CO₂e/ m² (~100 lbs CO₂e/ sf).
3. By 2030, reduce community-wide greenhouse gas emissions from refrigerant leakage by 25%.
4. Implement Austin Water's Water Forward plan strategies of conservation, water reuse, protecting our Core Colorado River supplies, increasing drought supplies, and community engagement to meet the 2040 water demand target of 182,000 AFY (acre-foot of water per year).

Thank you!