



Climate Equity Plan - Quarterly Briefing

DECEMBER 2024

Agenda

01 Background

02 Resolution 20240718-093

03 Programmatic Design

04 Dashboards

05 Prioritization Process

06 Organizational Approach

07 Next Steps





Climate Equity & Resilience Framework

Climate Equity Plan: Mitigation Strategies

Actions that avoid, reduce, or capture greenhouse gas emissions that cause climate change.

Sustainable Buildings, Energy Generation, and Water Demand

Natural Systems

Regional Collaboration & Green Jobs

Transportation Electrification

Materials, Purchasing, Food and Product Consumption

Mass Transit, Planning, Land Use, and Housing

Resilience & Climate Adaptation

Actions that increase our ability to prepare for and recover from shocks and stressors related to a changing climate.

Climate and Environmental Data, Research, & Modeling

Long Range Planning

Recovery & Economic Resilience

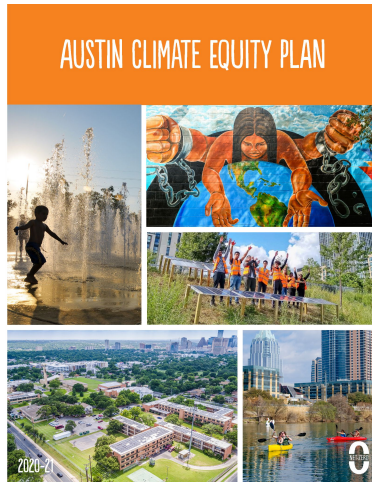
Social Infrastructure and Community Preparedness

Green Infrastructure (creeks, rivers, trees, landscape)

Utility Infrastructure (water, power, drainage)

EQUITY AND AFFORDABILITY

Austin Climate Equity Plan Overview



- **Adopted by City Council in September 2021**
- **Net-zero Community-wide Emissions by 2040**
- **5 Sections:**
 - Sustainable Buildings
 - Transportation Electrification
 - Transportation and Land Use
 - Food and Product Consumption
 - Natural Systems
- **17 Goals:** To be accomplished **by 2030**
- **75 Strategies:** Progress in **next 5 years**
- **Equity throughout, particularly in Strategies:**
 - Prioritize incentives & ensure communications reach **low-income communities & communities of color**
 - Just transition to **green jobs** for new industries & technology
 - Prioritize **health & other benefits**

Inflation Reduction Act & Bipartisan Infrastructure Law

Pursuit History 2023-24

Awarded - \$227 Million

- Energy Efficiency Conservation Block Grant – Austin Energy - \$855k
- Climate Pollution Reduction Grant (CPRG) – Office of Sustainability - \$1 million
- Neighborhood Access and Equity Grant – Trans Public Works - \$105 million
- Solar for All – Austin Energy - \$30 million
- CPRG Grant for Transportation Demand Management – Trans Public Works - \$48 million
- Safe Streets for All - Transportation and Public Works - \$10.5 million
- Bridge Investment Program (Barton Springs Bridge) - Trans Public Works - \$32 million

Submitted (awaiting decision) - \$230+ Million

- Building Resilient Infrastructure & Communities – Watershed Protection - \$50 million
- Grid Resilience & Innovation Partnerships – Austin Energy - \$100 million + \$20 million
- Charging and Fueling Infrastructure (Round 2) - Austin Energy - \$15 million
- Community Change Grant (Urban Forestry) – Community Partners - \$20 million
- Community Forest Corps & Urban Forestry Fellowships - Austin Energy - \$600k
- Community Change Grant (EV Charging Program) - Community Partners - \$20 million
- Low Carbon Transportation Materials Grant - Trans Public Works - \$6 million
- Voluntary Airport Low Emissions Program - Aviation - \$4 million



Resolution 20240718-093

Resolution 20240718-093
was approved in July 2024.

Staff was directed to bring
two items to Council.

1. A **comprehensive bond package** that funds and addresses climate, infrastructure, and any other public improvements for the purpose of conducting an election no later than November 2026, *and*
2. A **comprehensive climate implementation program** of which one component is a climate bond proposition contained in the comprehensive bond package.

The comprehensive climate implementation program, shall provide a detailed and thorough means for investing in our climate.

Funding for this implementation program shall not be limited to general obligation bonds but should include grants, fees, utilities, general fund, cost sharing, etc.



Climate Equity Plan

Implementation Program Steps

How we're creating a comprehensive climate implementation program.

1 Projects Underway + Dashboard Review



2 Gaps Identified + Project Proposals



3 Funding Analysis + Prioritization



4 Organizational Restructure for Success



5 2-year Cycle of Implementation

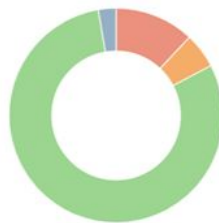


Implementation Status Update

View the full dashboard:

bit.ly/ClimateEquityDashboard

Status available for
75 of 75
strategies.



| | |
|--------------------|----|
| Not Yet Started | 9 |
| Starting Soon | 4 |
| Underway / Ongoing | 60 |
| Complete | 2 |

« Scroll on mobile »

Not Yet Started

Starting Soon

Underway Ongoing

Complete

Goal 1

By 2030, all new buildings are net-zero carbon*, emissions from existing buildings are reduced by 25%, and all natural gas-related emissions are reduced by 30%.

** For this goal, net-zero carbon implies operational carbon, which refers to the CO₂ emitted from operations, such as lighting and heating, during the in-use phase of a building. A net-zero operational carbon building is highly efficient and entirely powered by on- or off-site renewable energy.*

Strategy 1: Ensure benefits flow to low-income communities and communities of color (UNDERWAY/ONGOING) ▼

Strategy 2: Enhance understanding of energy consumption (UNDERWAY/ONGOING) ▼

Strategy 3: Achieve energy-efficient, net-zero carbon buildings (UNDERWAY/ONGOING) ▼

Strategy 4: Ensure equitable workforce development for emerging technologies (UNDERWAY/ONGOING) ▼

Equity Themes

Health, Accessibility, Just Transition

[Learn more about these themes.](#)



Implementation Status Update

- 3** ON TRACK
- 7** NEED SUPPORT
- 4** OFF TRACK
- 3** DATA UNAVAILABLE

| SUSTAINABLE BUILDINGS | NATURAL SYSTEMS | FOOD & PRODUCT CONSUMPTION | TRANSPORTATION & LAND USE | TRANSPORTATION ELECTRIFICATION |
|--|--|---|---|--|
| Net Zero Carbon for New Buildings and 25% reduction for existing buildings | Protect an additional 20,000 acres of land | Ensure a more sustainable local Food System | 80% of new non-residential development is in activity centers and corridors | 40% of VMT is electrified |
| Reduce Refrigerant leakage by 25% | Protect 500,000 acres of farmland from development | Reduce emissions from institutional purchasing by 50% | By 2027, meet strategic housing blueprint goals | Sufficient EV charging infrastructure to meet 40% of VMT |
| Reduce embodied carbon of building materials by 40% | By 2050, achieve 50% tree canopy cover | Pursue waste reduction and meet the ARR diversion goals | 50% of trips in Austin are made in a non-single occupancy vehicle | Austin area is a leader in EV adoption and the industry |
| Achieve 152,000 acre feet per year of water usage | Manage City land to capture carbon | | | |





Environmental Investment Plan

25 projects



Joint Sustainability Committee Recommendations

33 projects



Projects Identified from Other Departmental Plans

108 projects

Project Identification

➔ *Departmental Workshops to Review and Finalize*



Funding Analysis

All Proposed Projects

- Cost Analysis
- Departmental Review

Categories of Funding:

- Already funded
- General Fund Annual Budgets
- Utility Annual Budgets
- **Bonds (Certificates and General Obligation)**
- Federal Grants

Building a Prioritization Tool

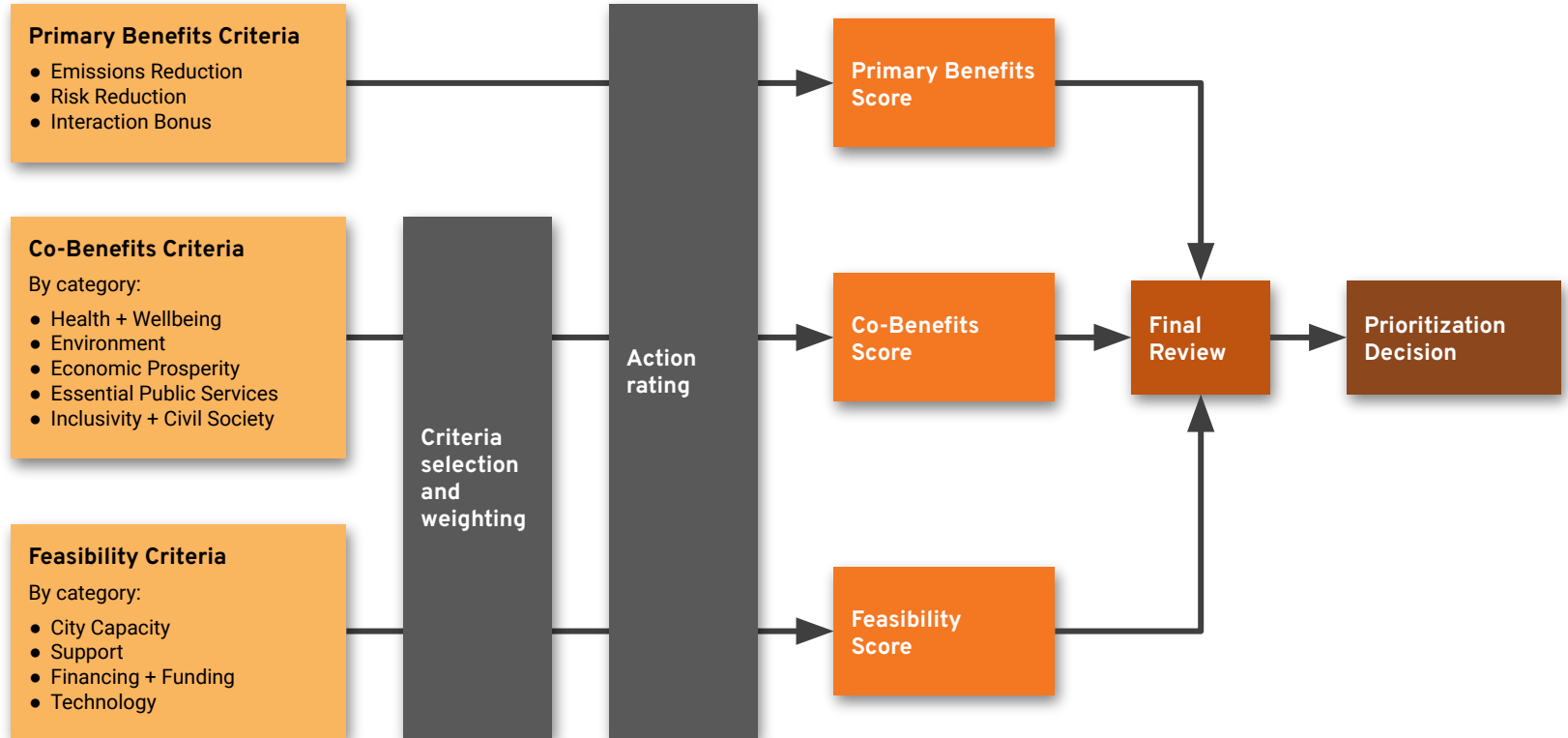
- Consulted with peer cities, colleagues within Urban Sustainability Directors' Network
- Identified the C40 Action Selection and Prioritisation (ASAP) Tool
- Added criteria from Climate Equity Plan:
 - Equity Tool
 - 4 Overarching strategies
 - Health and Housing Priorities



**Climate Action
Planning**



Prioritization Process



Organizational Approach

for

Successful Implementation

- City Manager's Office Support
- Director Level Participation and Signoff
- Assigned Departmental Liaisons
- Annual Process
 - Departmental Work Plans
 - Quarterly Roundtables
 - Quarterly Council Updates
 - Q1: Work Plan for the Year
 - Q2: Progress
 - Q3: Progress
 - Q4: Report Card



Next Steps

DECEMBER 2024
Stakeholder Feedback and Input

MARCH 2025
Implementation Program Published
+ Q1 Council Briefing

ONGOING
Bond Development Process





Thank you

Zach Baumer



www.austintexas.gov/climate



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