



Austin

COMMUNITY 2015
CLIMATE PLAN

Open Space, Environment, and Sustainability Committee

May 27, 2015



AUSTIN TRANSPORTATION DEPARTMENT





Agenda

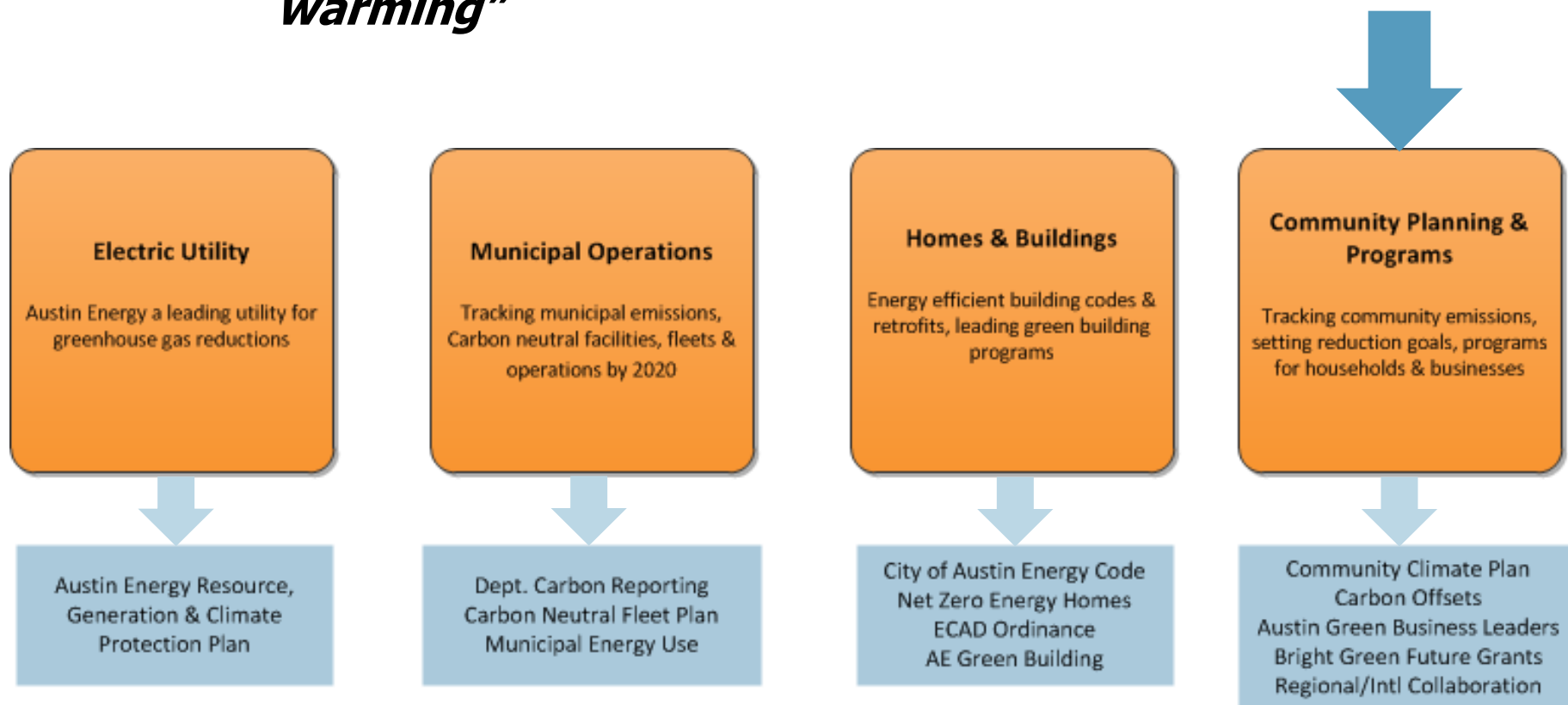
1. Climate Resolutions Background
2. Community Greenhouse Gas Sources
3. Plan Development
4. Phase 1 Strategies and Actions
5. Next Steps



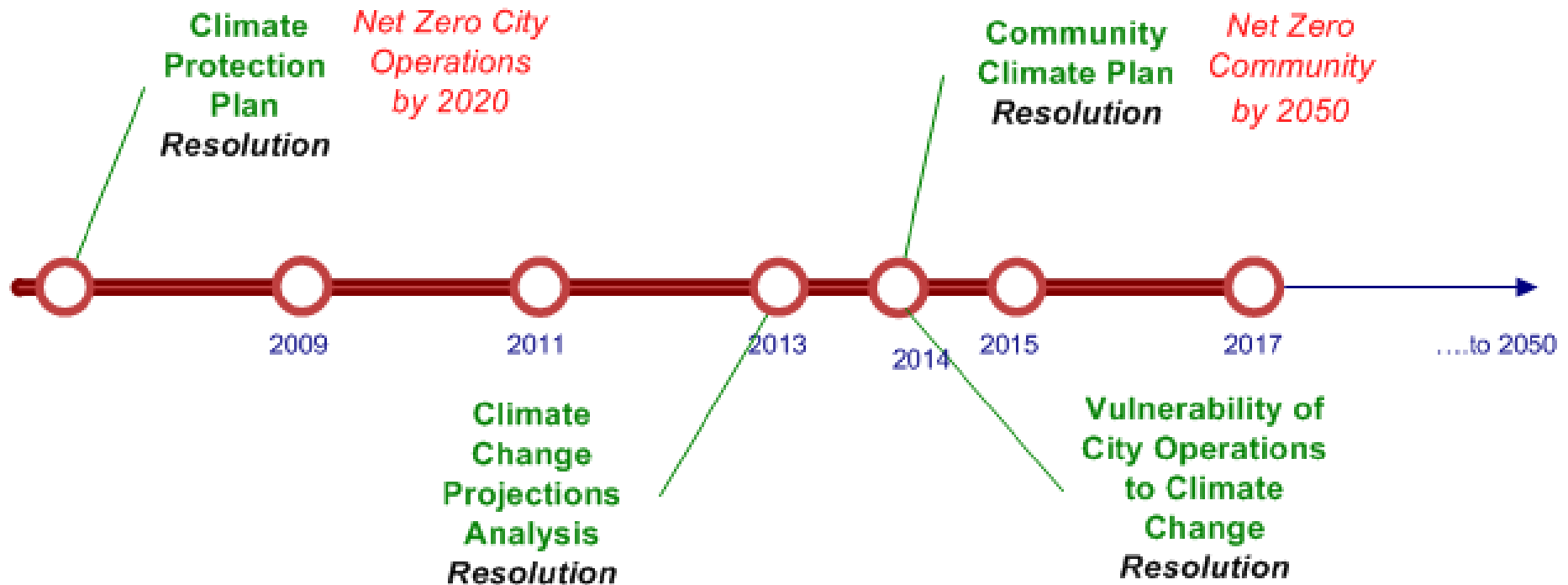


2007 Climate Protection Resolution

"make Austin the leading city in the nation in the effort to reduce the negative impacts of global warming"



City Council Climate Resolutions





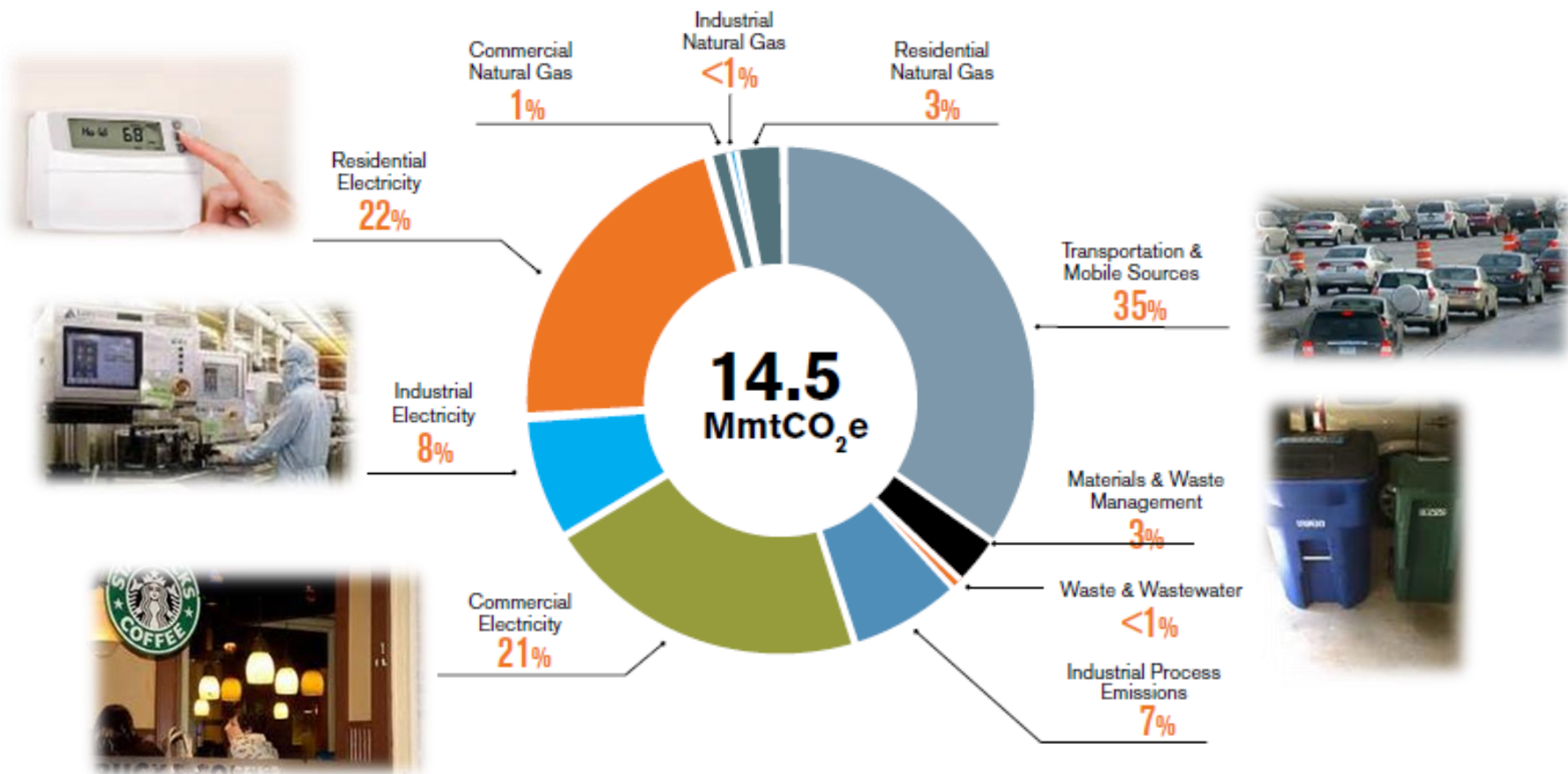
Council Resolution 20140410-024

Net-zero community-wide greenhouse gas emissions by 2050

- Achieve as soon as feasible
- Create action plan for each major emissions sector
- Propose interim targets starting with 2020



2010 Estimated Travis County Greenhouse Gas Inventory





Plan Development Process

Community Steering Committee

Technical Advisory Groups (TAGs)

- Electricity and Natural Gas
- Transportation
- Materials Management
- Industrial Process





Public Input

Austin Community Climate Plan Survey

The City Council established a goal of net zero greenhouse gas emissions for the whole community by 2050. Emissions are created by many of the things we do on a daily basis (using non-renewable energy, driving our cars, adding trash to landfills).

This new goal was created so that we can avoid the worst impacts from climate change, have cleaner air and water, produce less waste, and live in a more sustainable city.

The survey will ask questions about energy use, transportation, and then materials management. We appreciate your help in identifying the actions we will need to take as a community to reach that net zero goal.

Begin!

speakupaustin!

The City of Austin's community engagement portal



We have a solid list of strategies and actions that the City of Austin and the community can take to reduce greenhouse gas emissions in the electricity and natural gas sector. Please review them below, vote for the ones you like best, and let us know here if you have additional thoughts to share about them.

SIGN UP

Connect

email address...

Sign Up



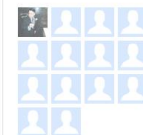
LISTENERS



COA Office of Sustainability



PARTICIPANTS



IDEAS IN ACTION

MACC parking available to residents with proof of residency during street closures March 17-20. MACC permit required. Enforcement to prevent SXSW



Forum: Austin Climate Plan: Electricity and Natural Gas

The Austin City Council passed [Resolution 20140410-024](#), which established a long-term goal of becoming a net zero greenhouse gas (GHG) emissions city by 2050. In other words, we want to reduce emissions to as close to zero as possible to ensure a cleaner, healthier, and safer community for decades to come. To do this, we need your help. [Planning committees](#) have identified four overarching strategy areas (listed as "Ideas" below), including related actions, for the electricity and natural gas sectors based on leading research, current city programs, and public input to date.

The Office of Sustainability needs your input regarding these draft strategies and actions.

- Which strategies should the plan prioritize? (You can hit the "vote" button to vote up the strategy.)
- Are we missing any actions that could reduce emissions?
- What else needs to be considered?

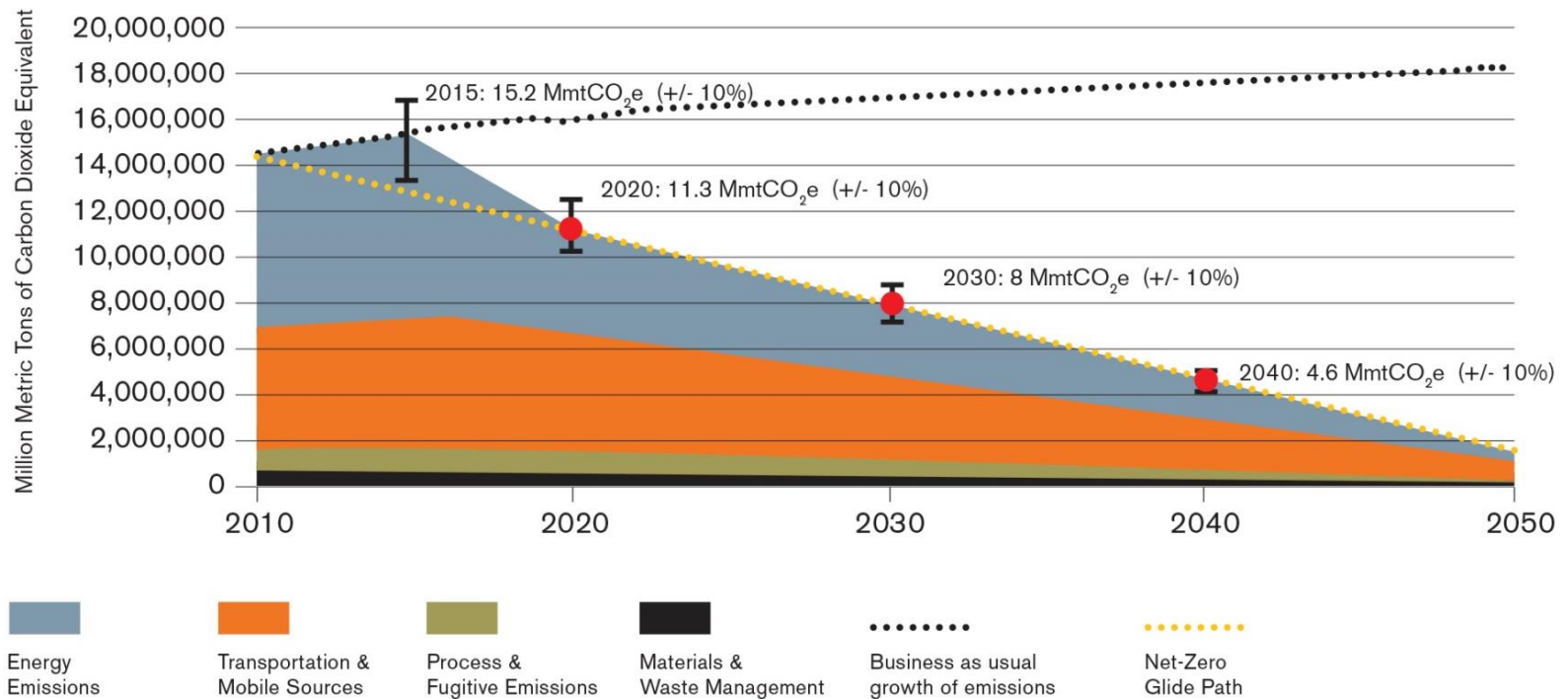
12 Ideas

0 Comments

Closes 2014-12-06



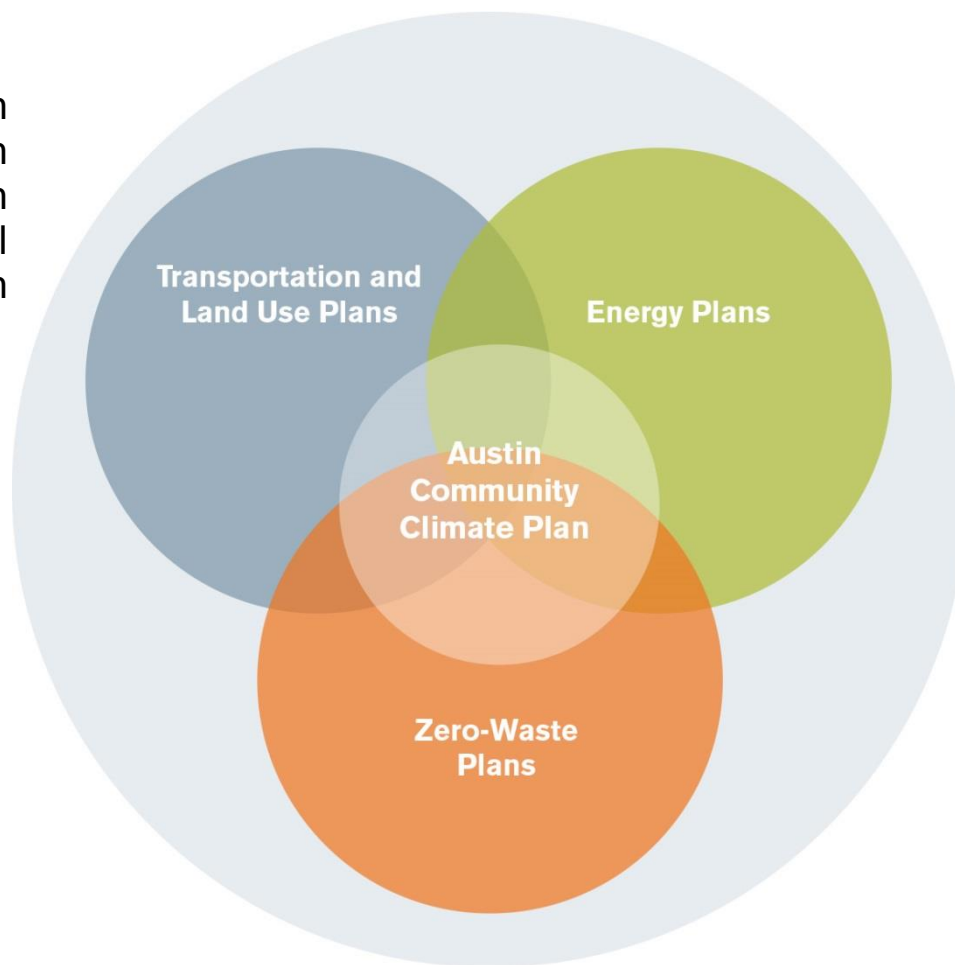
What does net-zero in 2050 mean?





Coordinating to Reach Common Goals

Imagine Austin
Austin Bicycle Master Plan
Urban Trails Master Plan
CAMPO 2035 Regional
Transportation Plan



Austin Energy Resource,
Generation, and Climate
Protection Plan

Austin Resource Recovery Master Plan



Direct Benefits to the Community



Reduced energy costs



Improved energy security and reliability



Decreased risk of energy shortages or outages



Greater affordability for all



Reduced pollution



Improved air quality



Improved public health



Thriving local economy



Expanded local jobs creation



Enhanced transit system



Reduced traffic congestion



Safer streets



Improved disaster preparedness



Protected and enhanced ecosystems



Diminished water consumption by power plants



Technical Advisory Group Strategies

Electricity and Natural Gas

- Buildings and Integrated Efficiency
- Promote Behavior Change
- Resource Technologies

Transportation and Land Use

- Infrastructure and Service
- Land Use
- Demand Management
- Policy and Planning
- Vehicles and Fuel Efficiency
- Economic and Pricing Solutions

Materials and Waste Management

- Organics Diversion
- Purchasing
- Methane Management
- Recycle / Reduce / Reuse

Industrial Process

- Fuel Switching
- Process Optimization
- Capture and Destruction
- Local Offsets



Electricity and Natural Gas

Actions for Implementation within One Year

Buildings and Integrated Efficiency



Promote Behavior Change

Resource Technologies





Transportation and Land Use

Actions for Implementation within One Year

Demand Management

- Trip Reduction
- First and Last Mile



Vehicles and Fuel Efficiency





Materials and Waste Management

Actions for Implementation within One Year

Methane Management



Procurement



Recycling and Organics Diversion





Additional Recommendations

- Develop implementation plan for Phase 1 actions and public outreach plan by summer of 2016.
- Determine feasibility of carbon impact statement for major City Council decisions.
- Determine feasibility of local carbon fee or trading and investment program.
- Continue climate research and resilience planning efforts.

Austin can expect
more extreme weather
in the future



high temperatures



extended periods
of drought



increasing risk
of wildfires



intense rainfall
events



Next Steps & Discussion

Staff recommendations:

- 1. City Council adopt the Community Climate Plan.**
- 2. Boards & Commissions oversight via new Joint Sustainability Committee.**

