

Resolution 20140410-024

Net-zero community-wide
GHG emissions by 2050

June 2014

Agenda

- Resolution 20140410-024
- Emission Sources and Goals
- Process and Plan

Council Resolution

- Council established goal: Net-zero community-wide greenhouse gas emissions by 2050
 - Prefers to achieve as soon as feasible
 - Emission reductions accomplished sooner are more important
- Review goals & objectives in 2007 Climate resolution
- Recommend:
 - Measurable interim targets starting with 2020, periodically to 2050
 - How and when annual progress reports will occur
 - How often to conduct comprehensive updates to the climate plan

Council resolution timeline

1. Framework – May - September 2014

- a) Interim targets
- b) Framework for meeting targets
- c) Progress update to City Council

2. Final Plan – October 2014 - March 2015

- a) Focused actions and reduction calculations
- b) Combine emission reductions and climate resiliency into one comprehensive plan document
- c) Presented for Community review and council adoption

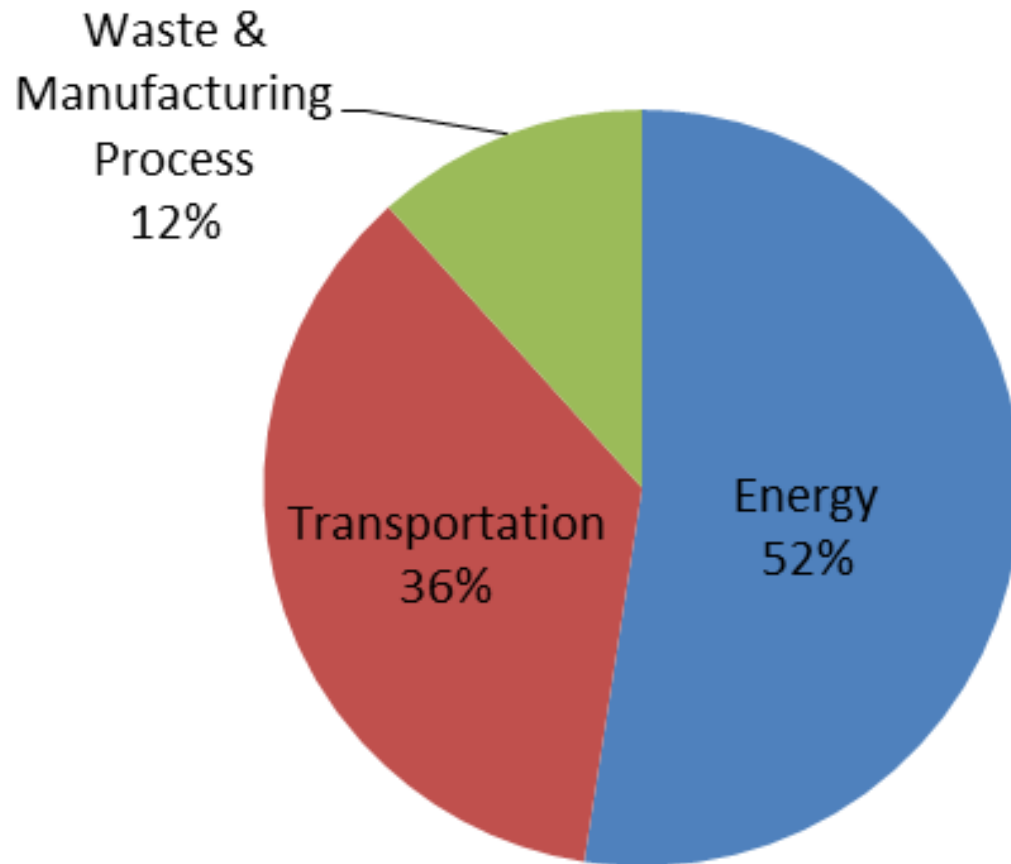
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3. Implementation Plan

- a) Specific actions
- b) Costs and schedules
- c) Data tracking

2010 Travis County GHG Inventory

15.2 Million metric tons CO₂e



■ Energy

- Power plants in and outside of Travis county
- Natural gas burned for heat

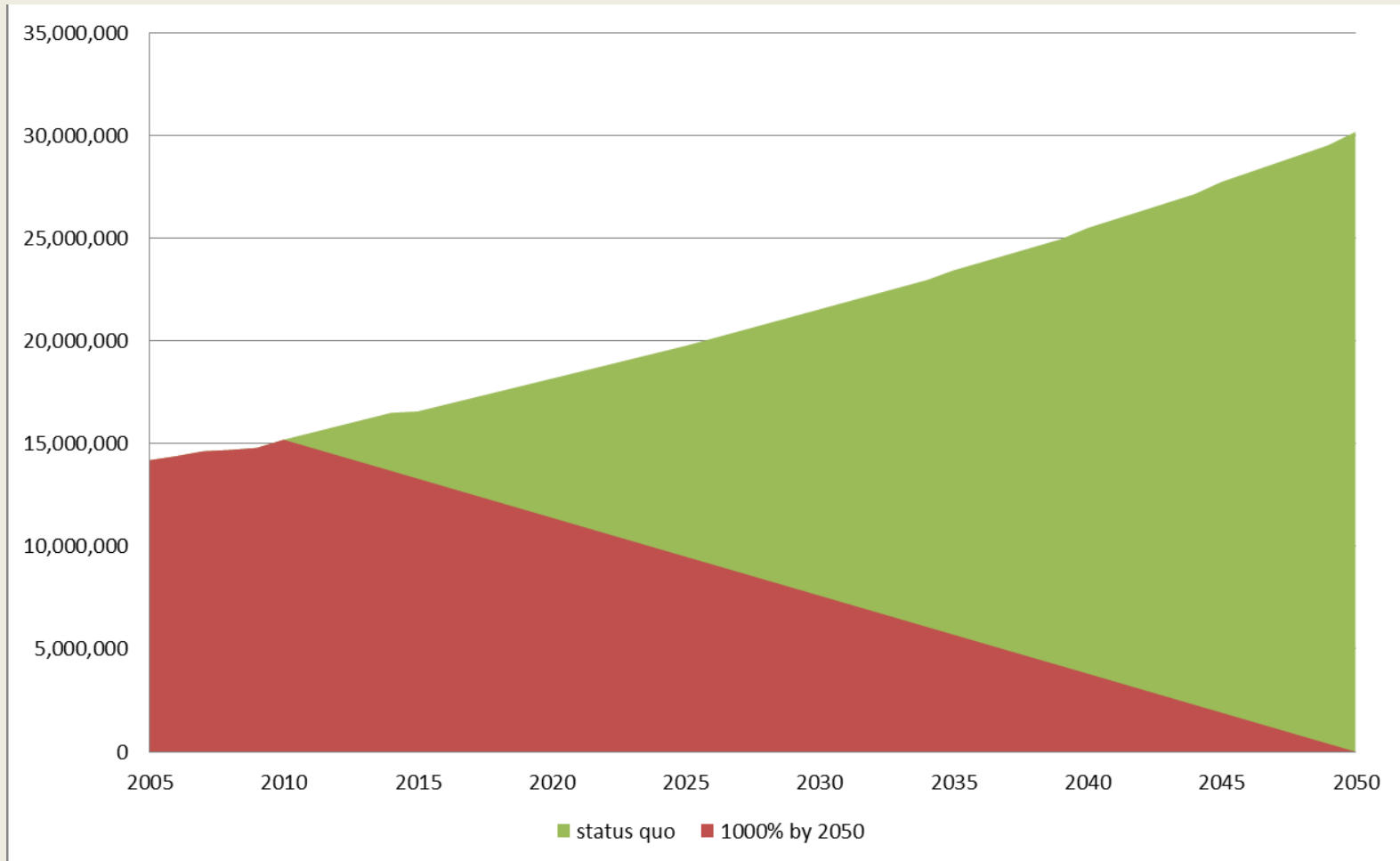
■ Transportation

- CAMPO estimates of Travis County vehicle miles traveled scaled to an annual basis

■ Waste & manufacturing

- Wastewater, landfills, cement manufacturing, and semiconductor PFCs

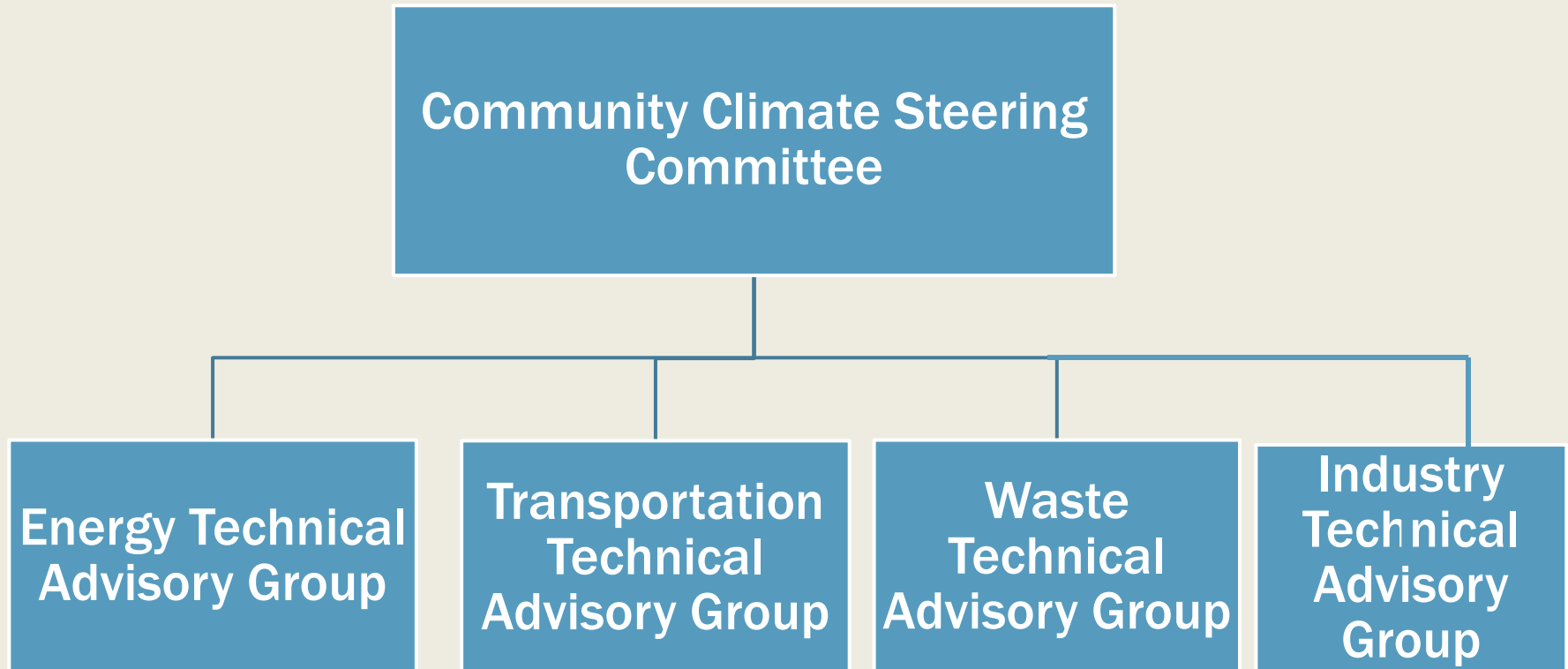
Growth v. Goal



Stakeholder Process

- Public Input Sessions
- Reviewed by Relevant Boards and Commissions
- Consideration of results of 2014 Generation Plan Task Force
- Formation of Technical Advisory Groups to work with city staff to develop action plans

Organization



TAG Purpose: Create and distill the strategies, actions, and sub-measures for each sector

Technical Advisory Group Action Plans

- **Sector plans should include**
 - GHG emissions resulting from existing plans
 - Short & long term actions
 - Secondary goals & measures for sector specific factors (VMT, renewables, etc.)
 - Feasibility & how other sectors could make up for shortfalls

- **Take into account**
 - Population and business growth
 - Available and emerging technology
 - Potential costs and benefits
 - Climate preparedness and resilience
 - Barriers where the City does not exert direct control over community emissions

Near term schedule

- **May – Planning**
 - Departmental briefings, setup, and participant identification
- **June – Kicking Off**
 - Late June kickoff meeting with all stakeholders
- **July – Initial Work**
 - TAGs defining boundaries and overarching strategies
 - Steering Committee defining boundaries and reviewing targets
- **August – Progress**
 - Strategies, actions, goals defined and beginning qualitative assessment
- **September – Present and Move to Phase II**
 - Framework and progress report to Council

Questions?