

Community Climate Steering Committee

Net-zero community-wide GHG emissions by 2050

June 2014

Agenda

- **Introductions**
 - **Name & Organization**
 - **Why are you here?**
- **Climate Resolution Vision – CM Riley’s Office**
- **Overview Presentation – Zach Baumer**
- **Technical Advisory Group Introductions**
- **Group Discussion**

Participants

Roger Duncan	Research Fellow, Energy Institute, University of Texas
Mike Blackhurst	School of Engineering Professor, University of Texas at Austin
Joep Meijer	Climate Buddies
Al Armendariz	Senior Campaign Representative, Sierra Club
David Cortez	Austin Interfaith Network
Kaiba White	Public Citizen
Pam Reed	CXO, Texas Climate & Carbon Exchange
Vanessa Sarria	Executive Director, Community Advancement Network
Mitch Jacobsen	Co-Director ATI Clean Energy Incubator
Francois Levy	AIA Austin
Tim Mohin	Director of Corporate Responsibility, AMD
Jere Locke	Texas Drought Project
Kevin Tuerff	President and Co-Founder, EnviroMedia
Todd Hemingson	VP of Strategic Planning & Development, Capital Metro
Jim Marston	VP of Energy, EDF

Climate Resolution Vision

Resolution Approach Overview

Council Resolution 20140410-024

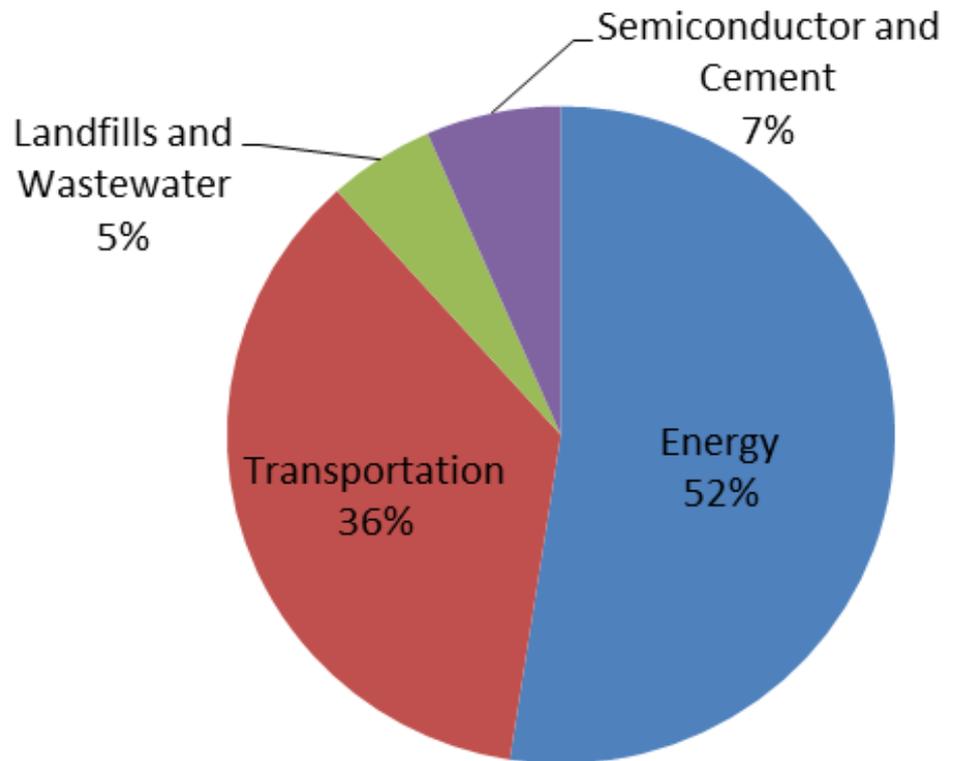
- Council established goal: Net zero community wide greenhouse gas emissions by 2050
 - Prefers to achieve as soon as feasible
 - Emission reductions accomplished sooner are more important

- 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

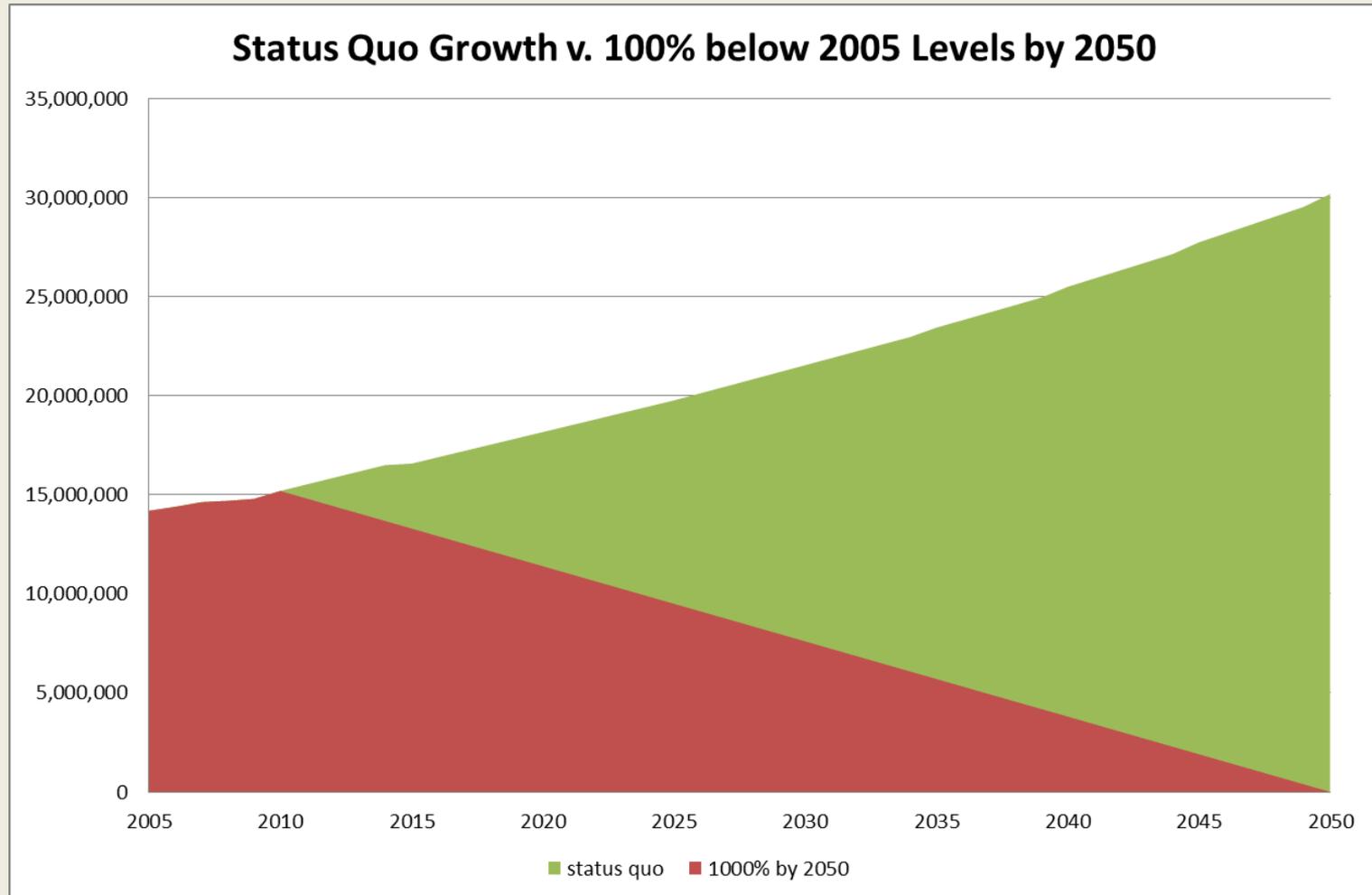
2010 Travis County GHG Inventory

15.2 Million metric tons CO₂e



- **Energy**
 - Power plants in and outside of Travis county that meet our kWh used
 - Natural gas burned for heat
- **Transportation**
 - Trips that occur in Travis county
 - Data based on TTI VMT estimates and scaled to an annual basis
- **Landfills and Wastewater**
 - Wastewater treatment plants and 4 landfills
- **Semiconductor and Cement**
 - 1 cement plant and 4 semiconductor facilities

Growth v. Goal



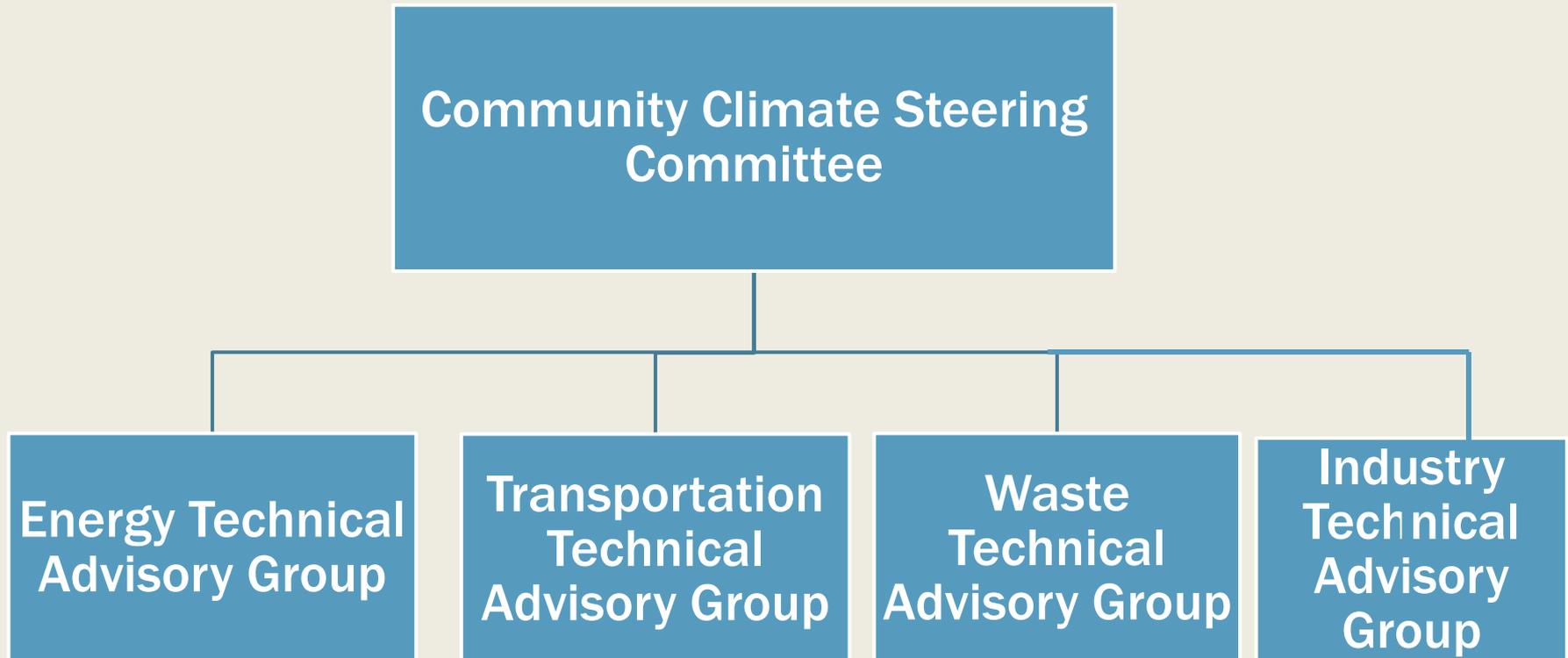
Stakeholder Process

- **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**

Public Input Sessions

- **Public Engagement Plan**
- **Under development with City of Austin
Corporate PIO Public Engagement Team**
- **Plan will be presented to this group at a future date**
- **Future agenda item will include Boards and Commissions
engagement**

Organization



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

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

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



Resolution
20140410-024

3. Implementation Plan

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

Technical Advisory Group Introductions

Waste TAG

- Leadership - Austin Resource Recovery
 - Woody Raine, Gena McKinley, and Jessica King
- Austin Water – Wastewater and Hornsby Bend Staff
- Travis County
- Austin Zero Waste Alliance
- Texas Campaign for the Environment
- Organics by Gosh
- Republic Services
- Texas Disposal Systems
- Waste Management
- IESI

Industry TAG (Semiconductor \$ Portland Cement)

- Leadership – Office of Sustainability
 - Zach Baumer
- Freescale Semiconductor
- Samsung
- Spansion
- RMS Interests
- Portland Cement TBD

Energy TAG

- Leadership - Austin Energy
 - Matt Russell, Babu Chakka, Richard Morgan
- Renewable Energy
- Energy Market Economics and Policy
- Green Buildings and Sustainability
- Generation/Grid/Disruptive Technologies
- Texas Gas Service

- Additional topic areas for which experts have been identified and could be invited for in-depth briefings:
 - Environmental Regulations
 - Industrial Energy Demand
 - Reliability and Resource Adequacy
 - Utility Business Models
 - Sustainable Energy Customer Programs
 - Utilities of the Future

Transportation TAG

- Leadership – Austin Transportation Department
 - Pharr Andrews and Terri McManus
- Planning and Development Review
- Cap Metro – Rob Borowski
- TXDOT
- Bike and Pedestrian Community
- Texas State University – Billy Fields
- Texas A&M Texas Transportation Institute – Dennis Perkinson
- CAMPO – Cathy Stephens

Group Discussion

Group Composition

- What is the right number of members for this group?
- Do we have the right mix of representatives in this group, are we missing anyone?
 - Non-profits / Businesses / Government / University
 - Residents / Neighborhoods
 - Sector Specifics: Waste, Energy, Transportation, Industry
 - Diversity: Income and Ethnicity

DRAFT Charter Statement

- **The Austin Community Climate Steering Committee is convened to:**
 - Provide leadership and guidance from the Austin community, to steer the delivery of a plan to achieve net zero GHG emissions by 2050

- **So that:**
 - An open and transparent process is followed that represents interests of the Austin community
 - A final plan is developed that is realistic but also embraces a leadership position for our city
 - The City Council supports the adoption of the Community Climate Plan in 2015
 - The City of Austin is successful at not only completing a plan, but also implementing the plan and realizing the benefits of deep GHG reductions

Tasks

Review & Comment

- Results of 2014 Generation Plan Task Force
- Goals & objectives of 2007 Climate Resolution
- Public engagement input and determine how to integrate
- Sector plans developed by technical advisory groups, and how reductions within each sector interact with each other

Advise

- Technology, cost / affordability, economic development opportunities, regional issues, behavior change, and city policy
- State and national trends and policies that inform our plan

Recommend

- Intermediate emission reduction targets
- Reporting types, processes, formats, metrics, schedules
- Tone, message, and strategy of the plan
- Recommend and support the final plan

Process

- Up for discussion, advice from the Public Information Office:
- Facilitator?
 - We can have an assigned facilitator to run meetings and ensure balanced contribution as well as drive consensus?
- Voting and rules?
 - Might be to avoid voting and formal appointed task for rules, and use the facilitator to drive group decisions
- Public Input
 - Meetings completely open or closed?
 - Speakers at each meeting or only during specific meetings?
 - All materials can be easily made available

Roles

- Executive Sponsor – Lucia Athens
- City Project Manager – Zach Baumer
- Steering Committee Support – Lewis Leff
- Administrative Support – Lydia Jarjoura

- Do we want co-chairs or vice chairs?

- Roles we know we need filled
 - Team Lead: Interim GHG Target Setting
 - Team Lead: Reporting and Metrics
 - Waste TAG Liaison
 - Transportation TAG Liaison
 - Energy TAG Liaison
 - Industrial TAG Liaison

Meeting Dates / Locations

- **Date / Time**
 - Most prefer Weekdays, Fridays
 - Mid-day

- **Location**
 - Downtown - City Hall or East 11th Street
 - Hosted meetings

Thank you!

■ Next Meeting

- Week of July 7th

■ Homework

- Turn in personal profile if you have not already
- Suggest other Steering Committee Members
- Review and edit the Charter Statement
- Come to the next meeting with thoughts on two things:
 - What might be the framing issue or rallying point beyond “climate” for this plan?
 - What topics would you like for the group to be briefed on, and what can you contribute to that conversation?