



# AUSTIN MOBILITY

Austin Transportation Department  
Transportation TAG Update  
Community Climate Plan Steering Committee  
September 17, 2014





## AGENDA:

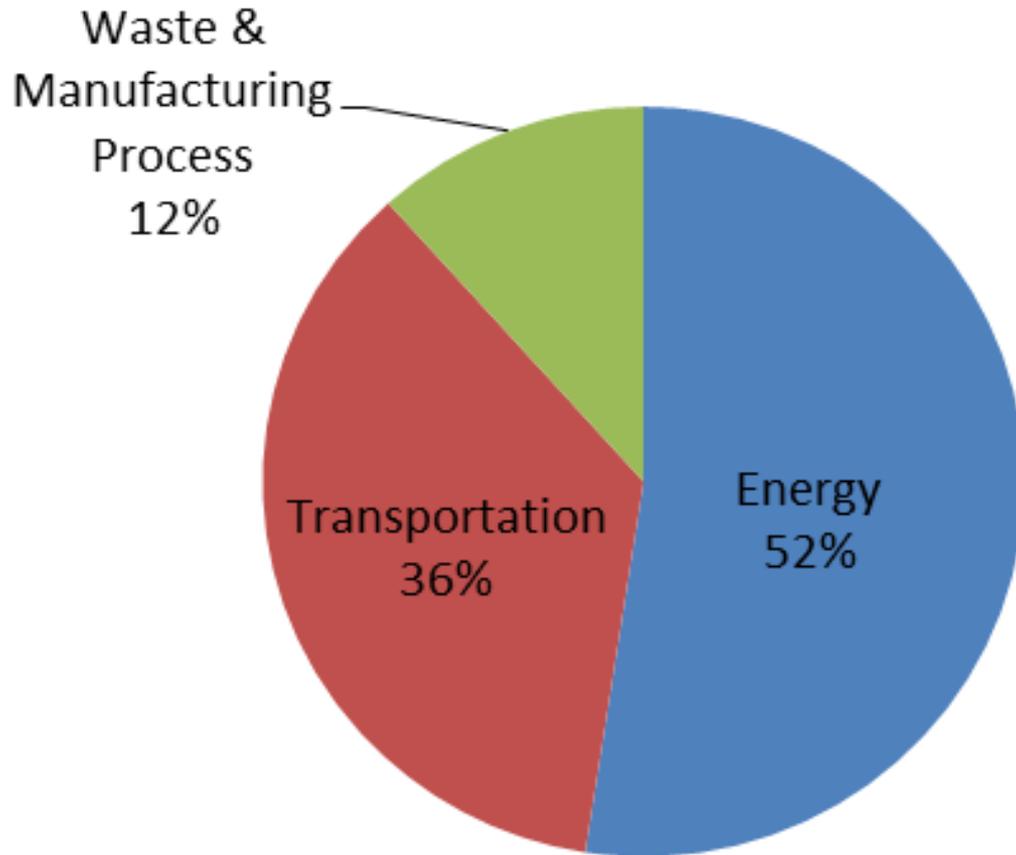
- **Transportation GHG Emissions**
- **Scope and Composition of Transportation TAG**
- **Net Zero Definition**
- **Strategies and Actions Identifies**
- **Activities and Next Steps**





# TRANSPORTATION GHG EMISSIONS

2010 Travis County GHG Inventory 15.2 Million metric tons CO<sub>2</sub>e



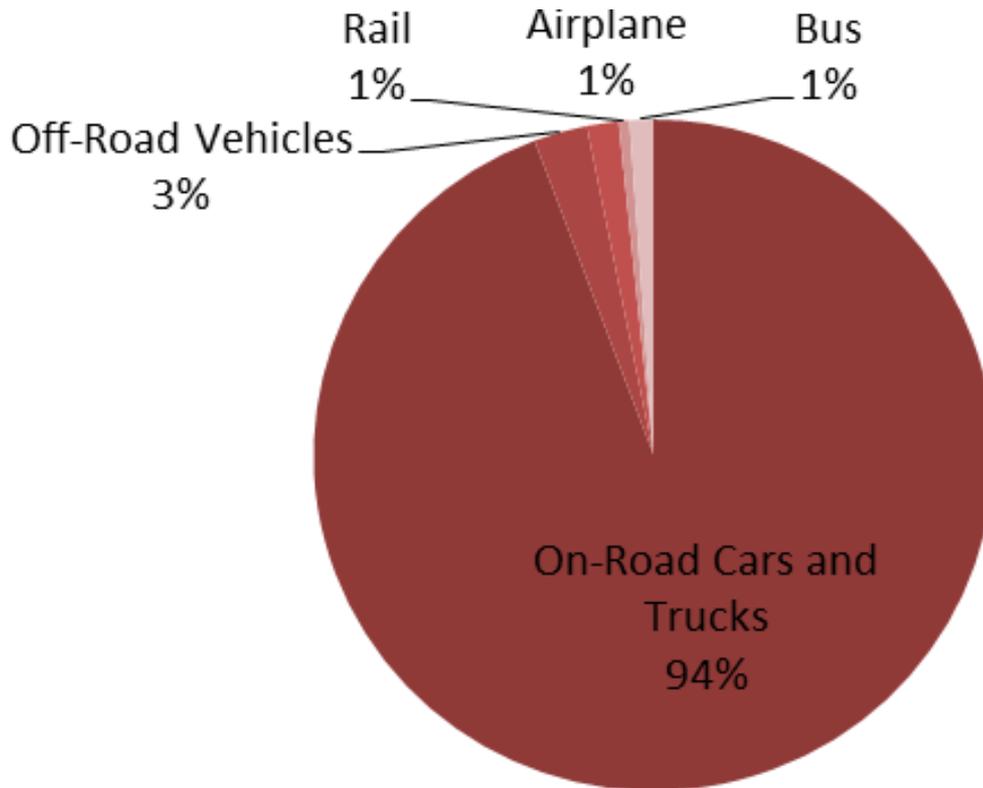
- **Energy**
  - Power plants in and outside of Travis county that meet our kWh used.
  - Natural gas burned for heat
- **Transportation**
  - Trips that occur in Travis county
  - Data based on TTI VMT estimates and scaled to an annual basis
- **Waste & manufacturing**
  - Wastewater, landfills, cement manufacturing, semiconductor PFCs





# TRANSPORTATION GHG EMISSIONS

Transportation – 5.4 million metric tons CO<sub>2</sub>e



## ■ 9.8 Billion Vehicle Miles Traveled

- 26 million miles per day
- 10,000 miles / year / person
- 27 miles / day / person
- Average of 17 mpg





# TRANSPORTATION ADVISORY GROUP

**Purpose: Identify strategies and actions necessary to accomplish the Council goal of net zero community wide greenhouse gas emission from transportation sector by 2050.**

## Participants:

- City Lead: Karla Taylor
- Pharr Andrews, ATD/AQ
- Cari Buetow, ATD/AQ
- Karl Popham, AE – EV team
- Brandi Burton-Clark, EcoNetwork
- Shana Norton, CAMPO
- Surbhi Bakshi, Planning Dept
- Bill Fields, Texas State
- Dennis Perkinson, TTI
- Glen Gadbois, Movability
- Rob Borowski, Cap Metro
- Jon White, Travis County
- Keree Brannen,
- Kane Carpenter, ABIA
- Bonnie Lister, TXDot





## IN 35 YEARS, WHAT MIGHT BE POSSIBLE?

# It's 2050, what does transportation in Austin look like with net zero GHG emissions?

- Balance Visionary and Pragmatic Elements
- People Change Behavior from SOV to new technologies, transit usage, work from home, move closer to work
- Cost implications/who pays (capital, operating, timing)
- Sustained Public Education Needed





## Overarching Strategies:

- **Transportation Infrastructure and Service**
- **Transportation Demand Management**
- **Technology Solutions**
- **Land Use**
- **Government sponsored Initiatives**
- **Economic and Pricing Systems**





## Example Actions:

- **Implement Complete Streets Policy**
- **Increase public transit ridership, options**
- **Manage downtown parking demand**
- **Develop incentives for alternative commute options**
- **Promote new technology adoption**





# TAG ACTIVITIES AND NEXT STEPS

## TAG Activities:

- Researched and discussed national best practice examples
- Reviewed and incorporated current inventory of activities relating to VMT reductions
- Brainstorm on visionary actions that could be included in plan

## TAG Next Steps:

- Breakout group to conduct gap analysis
- Develop near-, mid- and long term action list
- Estimate GHG reductions
- Research emerging technology

