

Ground-level Ozone Reduction Programs in the Austin Region

Blue Skyways Webinar
June 16, 2010

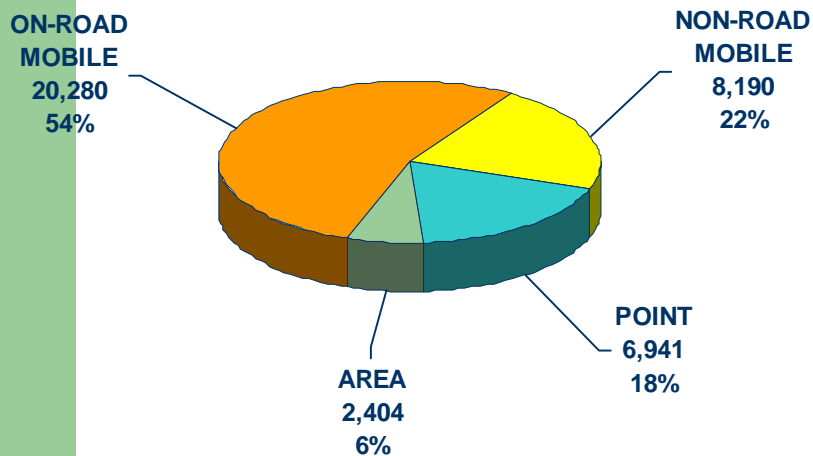


Voluntary Emission Reduction Initiatives

- Implemented through agreement between EPA, TCEQ (state), and local governments
 - 1-Hour Ozone Flex Plan (2002)
 - Early Action Compact (2004)
 - 8-Hour Ozone Flex Program (2008)
- Option still available
- Coalition of local governments working with local advisory group key to success

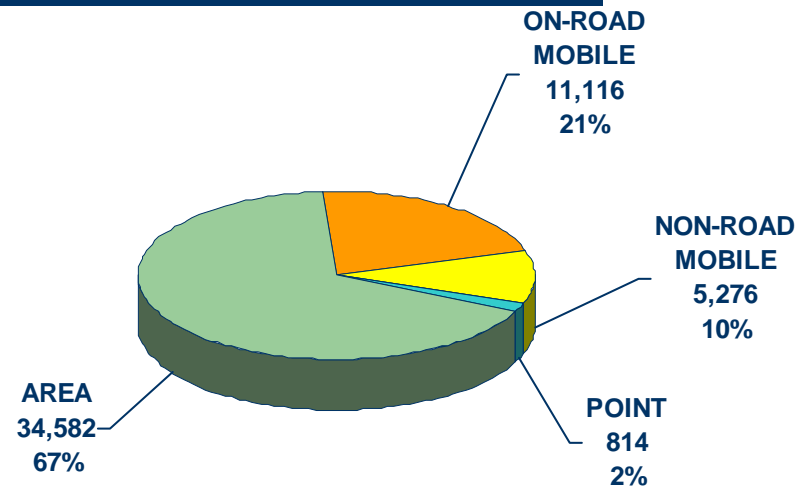
Austin Area Emissions 2008 Emissions Inventory

2008 AUSTIN AREA
NO_x EMISSIONS INVENTORY
TONS PER YEAR



Total NO_x: 37,815 tpy

2008 AUSTIN AREA
VOC EMISSIONS INVENTORY
TONS PER YEAR



Total VOC: 51,788 tpy

Emission Reduction Measures

- Developed through fair share approach
- State assisted measures
 - Most apply MSA-wide
 - 2 county inspection & maintenance program
 - Product of stakeholder work groups
- Local measures (no state action needed)
 - Select from menu of options, provides choice
 - Reductions proportionate to contribution
- Measures cumulative, roll into next plan

State Assisted Measures

- **Vehicle Emission Inspection & Maintenance**
- **Locally Enforced Idling Restrictions**
- **Stage 1 Vapor Recovery**
- **Degreasing Requirements**
- **Cut-back Asphalt Restrictions**
- **Low Emission Gas Cans**
- ***Texas Emission Reduction Program (TERP) Grants**
- ***Local Power Plant Reductions**

***State-assisted measures not requiring new state rules for implementation**

Over 200 Local Government Commitments

- Tree Planting
- Ozone Action Day Response program
- Fleets
 - Cleaner vehicles and fuels
 - Right-sizing, maintenance, fuel in evenings
- Resource conservation
- e-Government and Multiple locations
- Transportation emission reduction projects

Community Oriented Measures

- Commute Solution programs
- Clean Air Partners (business coalition)
 - Reduce employee commute emissions
 - Exercise green choice option
 - Implement energy conservation measures
- Clean School Bus Program
- Electric Lawnmower Rebate Program

Transportation Focused Measures

- Vehicle Inspection and Maintenance Program
 - Low income repair and replacement assistance
 - Local initiative projects
 - Funded through portion of inspection fees
- Locally enforced idling restrictions
 - Enforcement funded by local governments
- Transportation Emission Reduction Measures (TERMs)
 - Intersection improvements, signals, transit, bike/ped
 - MPO funded with federal dollars (STPMM)

Transportation Focused Measures

- Commute Solutions Program
 - Regional ride matching website
 - Employer transportation coordinator training
 - Innovative grant program (seed money)
 - Outreach and events
 - MPO funded with federal dollars (STPMM)
- Texas Emission Reduction Program (TERP)
 - Replace or retrofit diesel vehicles and equipment
 - State funded through fees in applicable area

Other Funding Sources

- Legislative grant for near-nonattainment areas
 - Monitoring and technical analysis
 - Measure development and implementation
 - Administered by CAPCOG, through TCEQ
- Education and Outreach funding
 - CAMPO, CAPCOG, Austin Energy, Capital Metro, Clean Cities, CLEAN AIR Force (local non-profit), local governments and businesses
 - coordinate and leverage media and marketing

Co-benefits

- Similar solutions for many problems
 - Ozone, climate change, energy independence
- Know your audience's concerns
 - Climate change skeptics may be concerned about ozone nonattainment, energy independence
- Structure your approach accordingly
 - May not be helpful to argue climate change science
- Implementing solutions is the important part

For More Information Contact:

- Cathy Stephens (512)974-1861
Cathy.Stephens@campotexas.org
- Bill Gill (512)916-6066
bgill@capcog.org
- <http://www.capcog.org/divisions/regional-services/aq-reports>