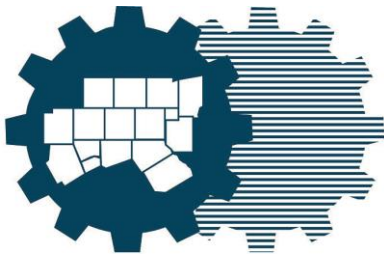


# NCTCOG Regional Program Updates and Funding Overview

**National Association of Fleet  
Administrators  
March 26, 2015**



**North Central Texas  
Council of Governments**

**Lori Clark**





# Who and What is NCTCOG?



## **North Central Texas Council of Governments (NCTCOG)**

- Voluntary Association of, by, and for Local Governments  
Established in 1966
- 16-County Region with 240 Member Local Governments

## **Metropolitan Planning Organization**

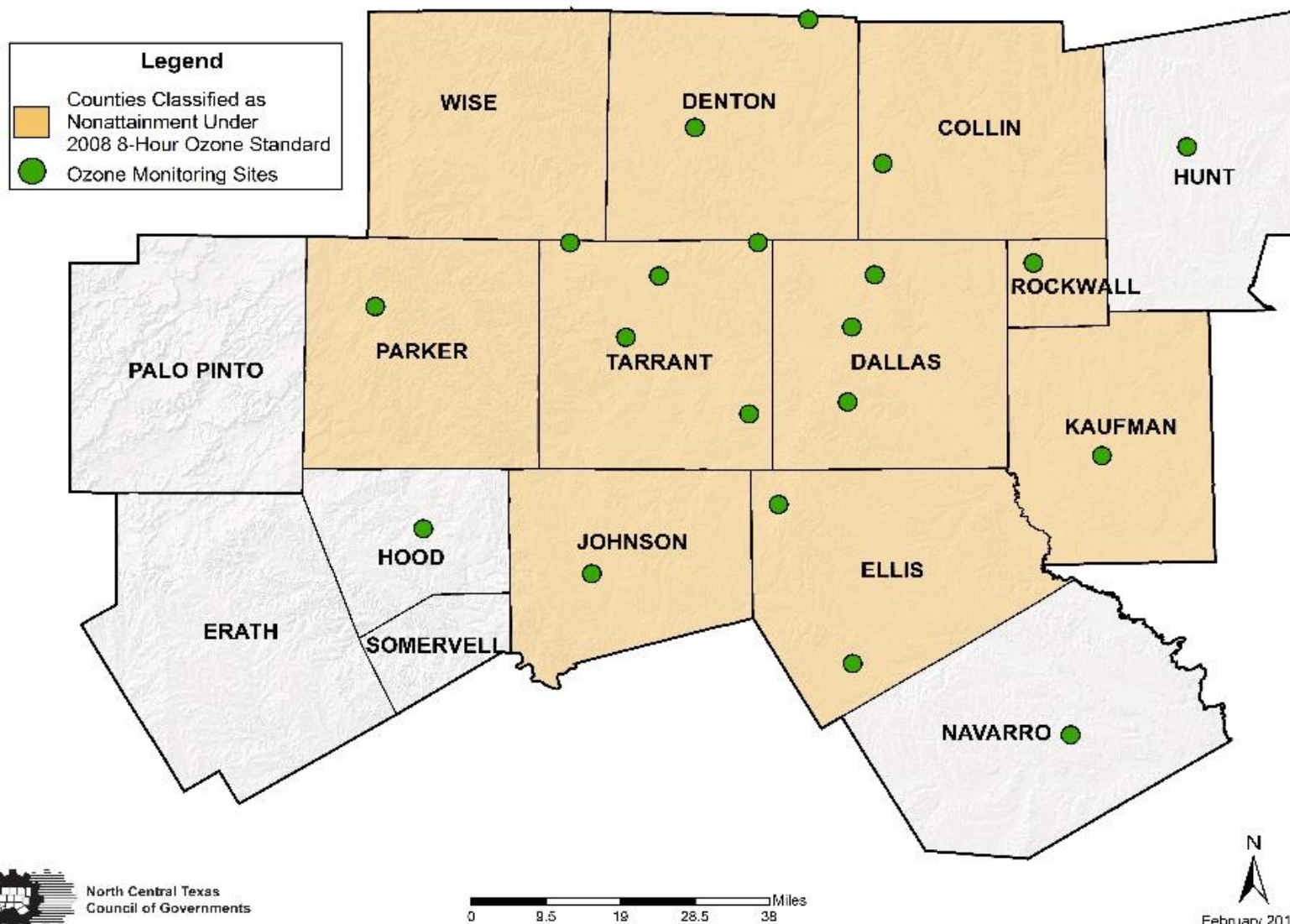
- 12-County Metropolitan Planning Area
- 10-County Ozone Nonattainment Area

## **Dallas Fort Worth Clean Cities Coalition (DFWCC)**

- Local Chapter of National Program
- Public-Private Partnership
- Vision Includes Petroleum and Emissions Reduction  
Measures to Improve Air Quality and Increase Energy  
Security

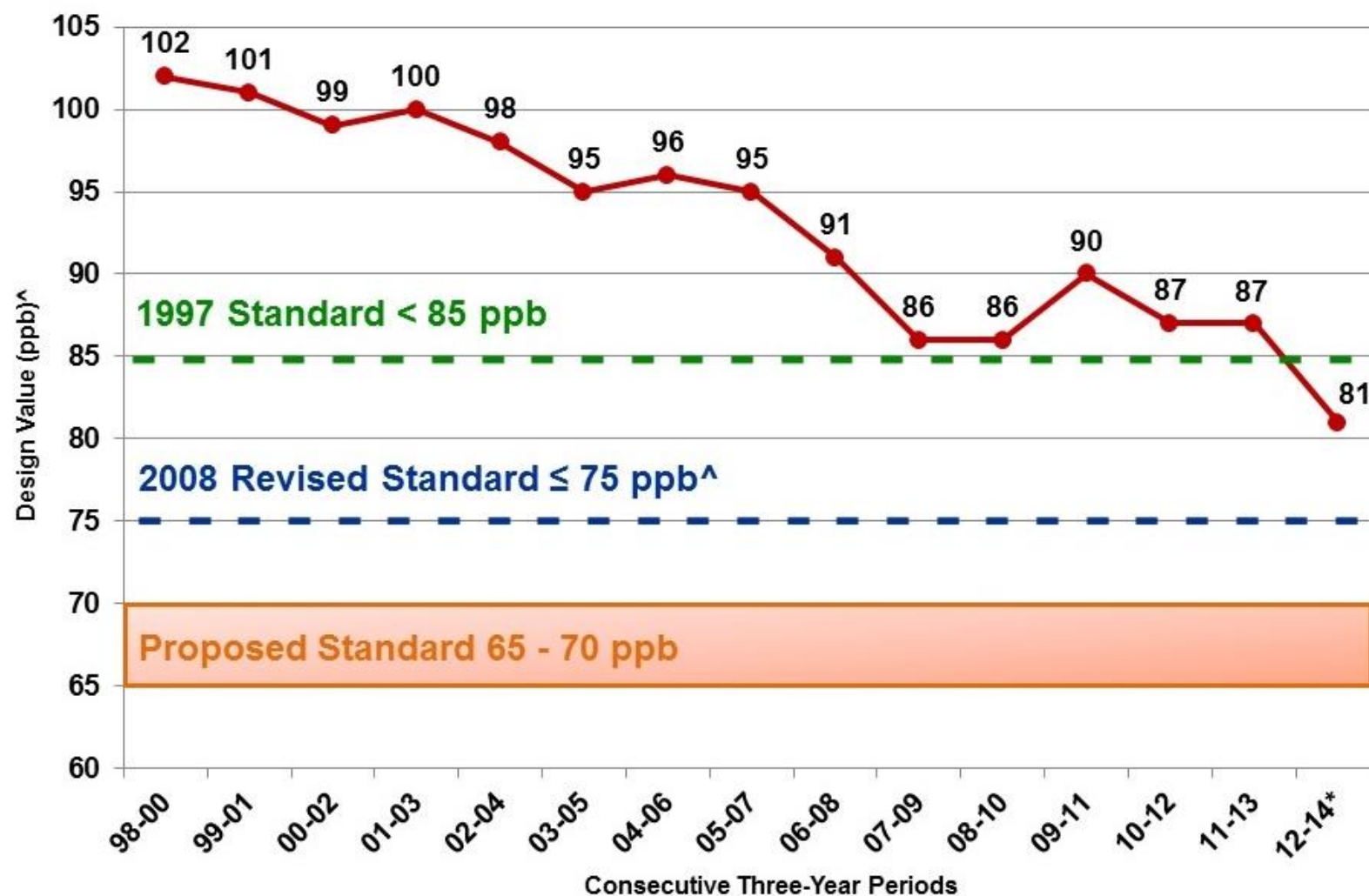


# Ozone Nonattainment Area





# 8-Hour Ozone Trends



^Attainment Goal - According to the US EPA National Ambient Air Quality Standards, attainment is reached when, at each monitor, the *Design Value* (three-year average of the annual fourth-highest daily maximum 8-hour average ozone concentration) is equal to or less than 75 parts per billion (ppb).

\*2014 data not certified by the Texas Commission on Environmental Quality

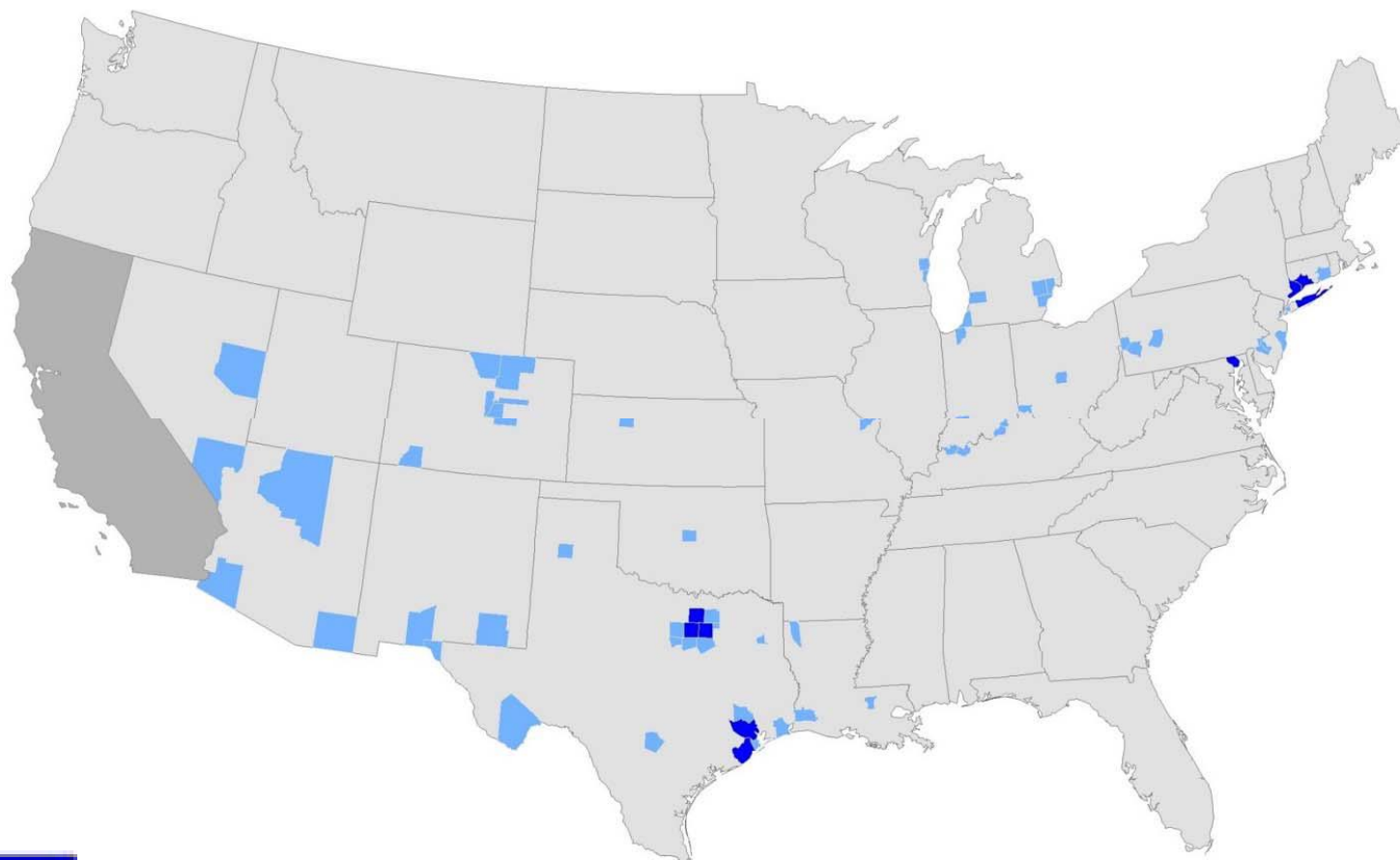
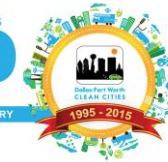
Source: NCTCOG TR Dept



# EPA Projections – Year 2025



CLEAN CITIES  
2  
ANNIVERSARY



9 counties outside of California would violate 70 parts per billion (ppb)



59 additional counties outside of California would violate 65 ppb for a total of 68

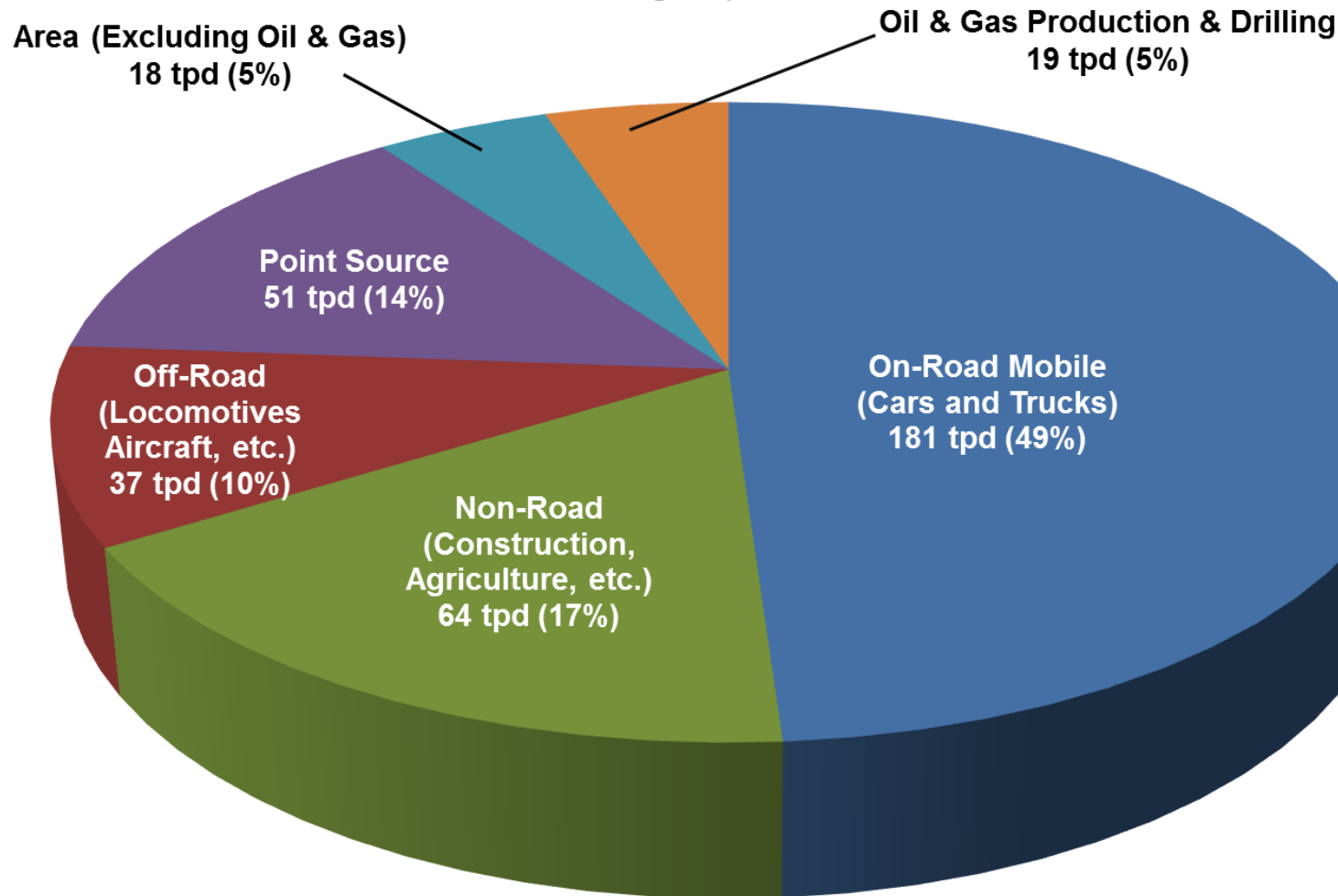
Source: EPA



# 2012 DFW Nitrogen Oxides (NO<sub>x</sub>) Emission Inventory



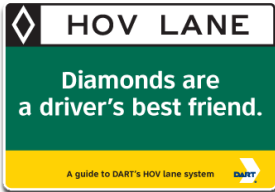
**On-Road Emission Source Category Estimate = 370 tons per day (tpd)**



Source: Texas Commission on Environmental Quality, *2012 Dallas-Fort Worth 8-hour Ozone Attainment Demonstration State Implementation Plan*



# Examples of Local Efforts





# **Goods Movement/Freight Planning**





## Freight = Economic Development

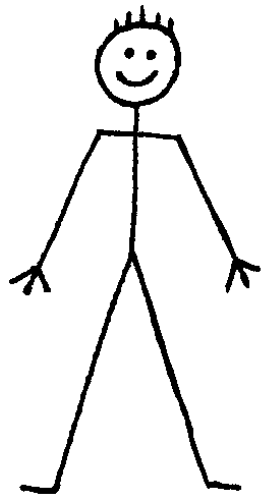




# Freight Fun Fact



## Average annual freight moved



REQUIRES



Source: USDOT, 2013







## Follow-up Studies

**Freight Congestion and Delay Study**

**Regional Truck Parking Study**

**Economic Impact of Freight on the Region**

**Freight Project Evaluation System**

**Land Use Compatibility Analysis**





# Freight Congestion & Delay Report



**Original Focus on Industry Surveys**

**Regional Freight Advisory Council Recommended Analysis of Focus Areas**

**Redirected Study**

**Four Focus Areas Selected**

**Completing Final Report**





# Truck Parking Study



## Purpose

**Determine Parking Locations and Adequacy**

**Short Term**

**Long Term**

**Review Safety Issues**

**Jason's Law**



**Study Results Will:**

**Identify Truck Parking Deficiencies**

**Identify Programs, Policies and Projects**

**Identify Potential Safe Parking Locations**



# Truck Parking Study



## Considerations

Safety

Environment

Hours of Work Limits (HOWL)

Local Ordinances

Delivery Conditions

## Data Collection

Existing Locations - Legal and Illegal

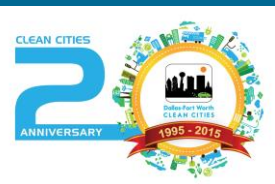
State and Local Agencies

Impacted Freight Stakeholders

Personal Observation







**Project Needs?**

**Parking Needs?**



# **Clean Fleet Policy**





## Regional Transportation Council Adopted Policy in October 2005

### Activity-Oriented Structure:

- Acquisition
- Operations
- Maintenance
- Compliance Verification

### Adoption Required for Funding Eligibility

- 104 Adoptees



# Why Revise the Policy?



**Remain Relevant/Effective**



**Remove Obsolete  
Emissions References  
Engage Private Sector and  
Non-Road Equipment**

**Capture Comprehensive  
Air Quality Goals**



**Incorporate Volatile  
Organic Compounds**

**Reflect Role as DFW Clean  
Cities Coalition**



**Incorporate Petroleum  
Reduction  
Streamline Annual  
Reporting Requirements**





## Working Group Met October 2013-October 2014:

- City of Allen
- City of Burleson
- City of Coppell
- City of Dallas
- City of Denton
- City of Fort Worth
- City of Richardson
- City of Southlake
- Dallas Area Rapid Transit
- Dallas-Fort Worth International Airport
- Frito-Lay North America
- HT Bar, Inc.
- Southeastern Freight Lines
- Tarrant County
- UT Southwestern Medical Center





## Goal-Oriented Structure:

- Reduce Emissions from Fleet Activities
- Reduce Overall Fuel Consumption, Particularly Use of Conventional Petroleum Fuels
- Partner with NCTCOG and DFW Clean Cities
- Ensure Drivers/Operators and Fleet Personnel are Familiar With Air Quality and Petroleum Reduction Goals

## New Concepts

- Require Idle Reduction Policy/Standard Operating Procedure
- Support Peer Fleets' Efforts by Sharing and Maximizing Resources
- Encourage Activities to Minimize Water, Solid Waste, or Other Environmental Impacts



# Policy Implications



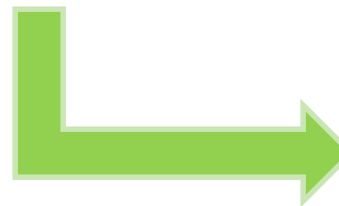
## Current



## Proposed



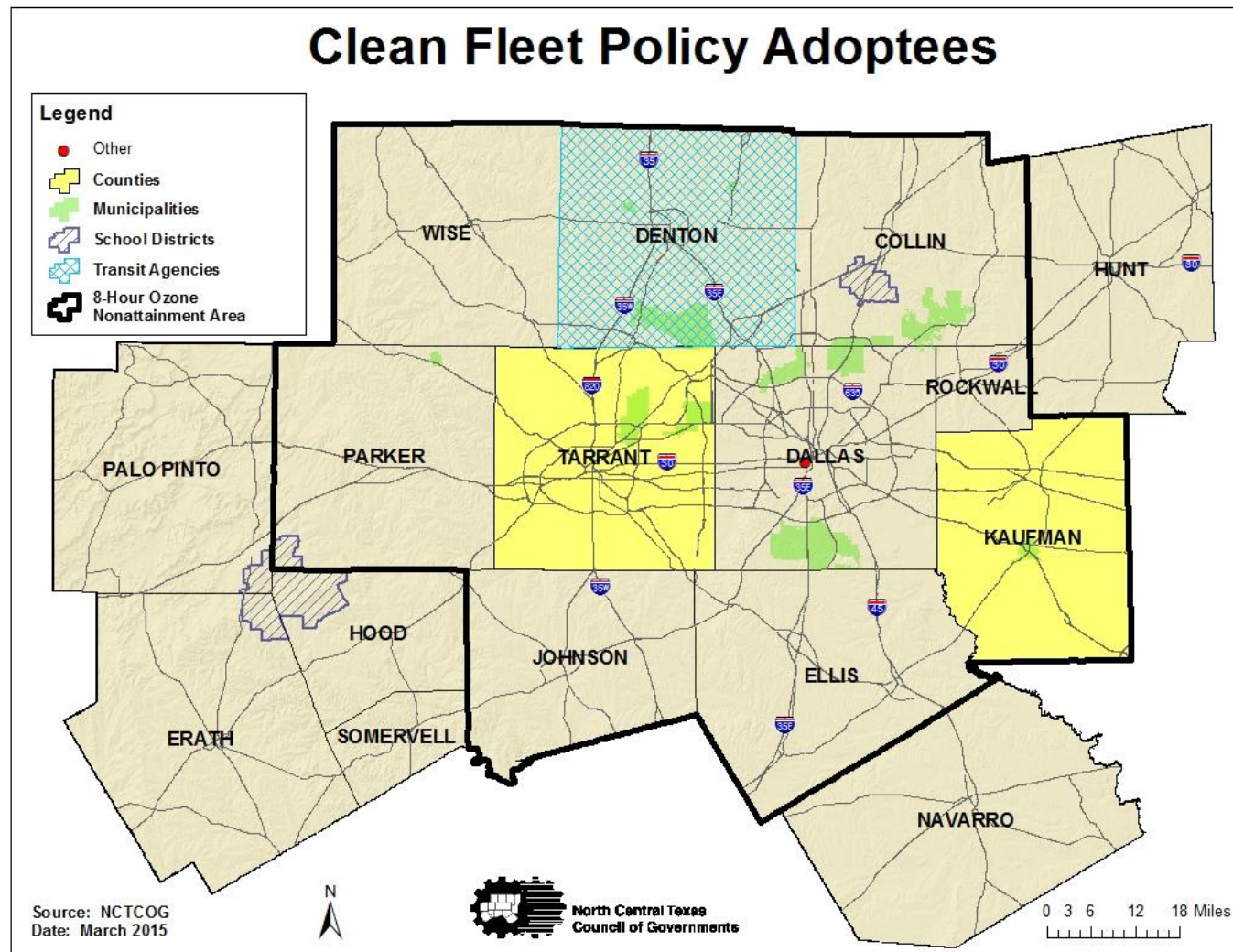
**Maintain Current RTC Position  
on Funding Eligibility**







## 20 Adoptees to Date





# Regional Fleet Adoptions – Revised Policy

**\*Allen ISD**

**City of Aubrey**

**\*City of DeSoto**

**\*City of Euless**

**\*City of Farmers Branch**

**\*City of Kaufman**

**City of Krum**

**\*City of Lancaster**

**\*City of North Richland Hills**

**\*City of Richardson**

**\*City of Richland Hills**

**City of Springtown**

**\*City of Wylie**

**\*Dallas County Schools**

**\*Kaufman County**

**\*Lipan ISD**

**\*SPAN, Inc.**

**\*Tarrant County**

**\*Town of Addison**

**\*Town of Flower Mound**

**\*Also adopted policy as recommended by RTC in October 2005**





## **How Do I Make Sure I'm Eligible for Funding?**

- **Adopt and Comply with Clean Fleet Policy**

## **What Does Policy "Compliance" Mean?**

- **Adopt the Policy**
- **Implement/Adopt an Idle Reduction Policy or Standard Operating Procedure**
- **Provide Copies of Both Documents to NCTCOG**
- **Submit Annual Reporting**

## **If I Adopt the Policy, What Do I Have to Do?**

- **Implement/Adopt an Idle Reduction Policy or Standard Operating Procedure**
- **Become a Member of the DFW Clean Cities Coalition**
- **Submit Annual Reporting**



# Policy Resources



Clean Fleet Policy Template

Clean Fleet Policy Guidance

Compilation of Comments and Responses

Template Idle Reduction Policy/SOP (COMING SOON)

[www.nctcog.org/fleetpolicy](http://www.nctcog.org/fleetpolicy)

The screenshot shows the 'Clean Fleet Policy' page on the NCTCOG website. It includes a left-hand navigation menu with links like 'Air Quality Home', 'Air Quality Programs', 'Air Quality Committees', 'Air Quality Policy and Regulations', 'Air Quality Publications', 'Car Care Clinics', 'Clean Vehicle Information', 'Major Air Pollutants', 'Funding Opportunities', 'Ozone Information', 'State Implementation Plan (SIP)', 'Transportation Conformity', and 'Transportation Home'. The main content area is titled 'Clean Fleet Policy' and contains a paragraph about the RTC's approval of the revised policy on December 11, 2014. Below this is a section for 'Revised Clean Fleet Policy Provisions' with a bulleted list of goals. Further down is a 'Clean Fleet Policy Resources' section with links to various documents. At the bottom is a map titled 'Clean Fleet Policy Adoptees' showing the geographic distribution of adopters across the region, with a legend for Municipalities, School Districts, Transit Agencies, and Show Ozone Nonattainment Area. The map labels include WISE, DENTON, COLLIN, and HUNT.



# DFW Clean Cities Coalition





# DFW Clean Cities Overview



## Stakeholder Benefits

- Quarterly Meetings and Networking Opportunities
- Monthly E-Newsletters and Other E-Communications
- Clean Cities Decals
- Access to Online Stakeholder Portal
- Access to Vendor Directory
- Discounted Event/Conference Registration
- Staff Presentations at Stakeholder Events
- Recognition Opportunities

## Expectations

- Attend at Least 1 Meeting and 1 Event/Subcommittee Meeting
- Complete the Annual Stakeholder Survey
- Adopt and Comply with Clean Fleet Policy







## **Fleet Subcommittee Structure**

**Electric Vehicles North Texas**

**Metroplex Natural Gas Vehicle Consortium**

**Propane Subcommittee**

**Biofuels Subcommittee**

## **Upcoming Events:**

**Spring Quarterly Meeting: Propane Focus**

**March 31, 2015, 1:30 pm**

**NCTCOG Offices**

**Alternative Clean Transportation (ACT) Conference & Expo**

**May 4-7, 2015**

**Kay Bailey Hutchison Convention Center Dallas**

**[www.dfwcleancities.org](http://www.dfwcleancities.org)**



**Local Use of Alternative Fuel & Advanced Technology Vehicles**

**Petroleum & Greenhouse Gas (GHG) Emissions Reductions**

**Data Submitted to Department of Energy (DOE) and Congress**

**DOE Goal: Reduce 2.5 Billion Gallons of Petroleum per Year by 2020**

**DFWCC Goal: Increase Petroleum Reduction by 15 Percent Every Year**

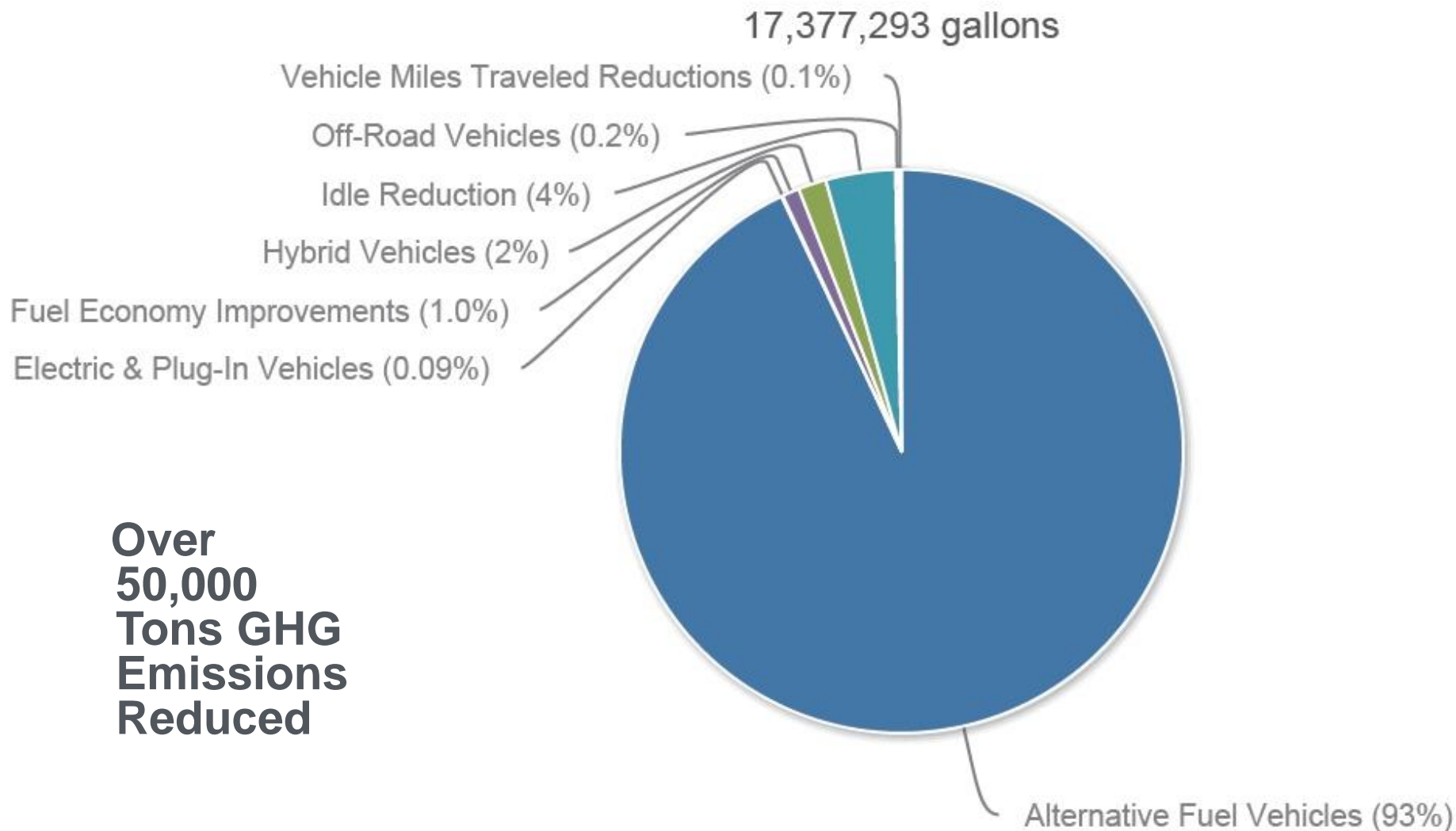
**Data Flows into DFWCC Recognition Program**



# DFW Clean Cities Annual Survey – 2013 Results



## Over 17 Million Gallons of Gasoline Equivalent (GGE) Reduced

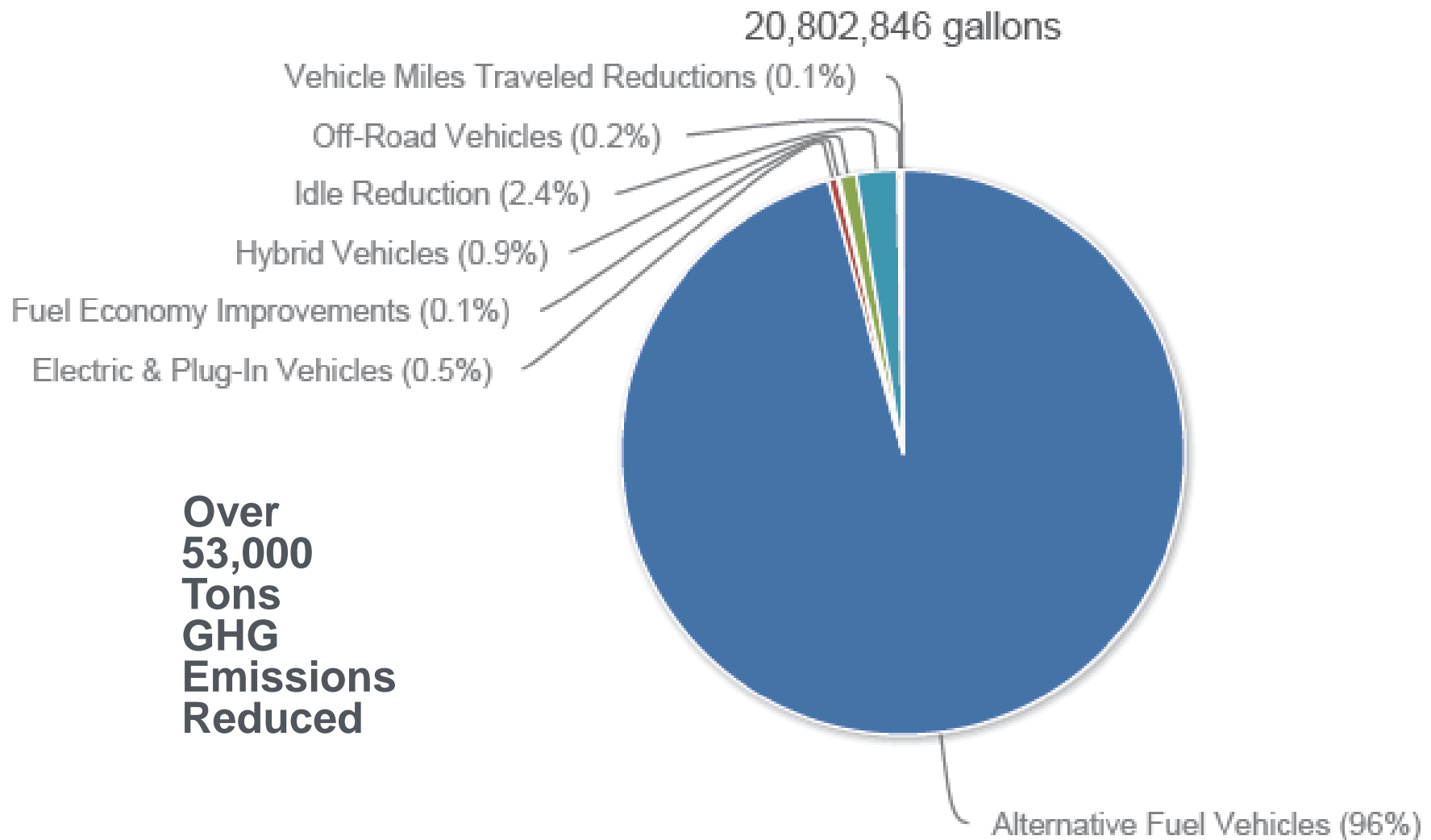




# DFW Clean Cities Annual Survey – 2014 Results



Over 20 Million GGE Reduced; ~20% Increase from 2013





# **Saving Money and Reducing Truck Emissions (SMARTER) Program**

# **SMARTER**



Saving Money and Reducing Truck Emissions





## **Regional “One-Stop Source”**

**Education**

**Outreach/Promotion**

**Assistance**

## **Engage Trucking Industry in Local Efforts**

**EPA SmartWay®-Verified Technologies**

**Clean Fleet Policy**

**DFW Clean Cities Coalition**



**Advanced Lubricants**

**Aerodynamic Devices**

**Alternative Fuels**

**Emissions Control Devices**

**Engine Replacement**

**Engine Repowering**

**Engine & Truck Upgrades**

**Fuel Options**

**Idling Control Strategies**

**Speed Management Policies**

**Tire Technologies**

**Trailer Strategies**

**Weight Reduction Strategies**





## Participate in SMARTE Vendor Directory

- **Qualifications:**
  - **Sell SmartWay-Verified Technologies**
  - **Complete SMARTE Program Vendor Directory Information Form**
  - **Voluntarily Provide Information on SMARTE Assisted SmartWay Sales**
- **Benefits**
  - **Listed in Vendor Directory Provided During Outreach**
  - **Added as DFW Clean Cities Stakeholder & Placed on DFW Clean Cities Vendor Directory**
- **Participation Does Not Represent, Imply Endorsement or Recommendation By NCTCOG**

**Consider a SMARTE/DFW Clean Cities Sponsorship**



# Get Involved – Drivers/Fleets



**Purchase/Implement SmartWay-Verified Technologies**

**Become an EPA SmartWay Partner**

**Encourage Customers to Participate in Local Efforts**

**Adopt & Comply with the Clean Fleet Policy**



**Dallas-Fort Worth  
CLEAN CITIES**



# Funding Opportunities



# Funding Website



[www.nctcog.org/aqfunding](http://www.nctcog.org/aqfunding)

- [Air Quality Home](#)
- [Air Quality Programs](#)
- [Air Quality Committees](#)
- [Air Quality Policy and Regulations](#)
- [Air Quality Publications](#)
- [Car Care Clinics](#)
- [Clean Vehicle Information](#)
- [Major Air Pollutants](#)
- [Funding Opportunities](#)
- [Ozone Information](#)
- [State Implementation Plan \(SIP\)](#)
- [Transportation Conformity](#)
- [Transportation Home](#)

## Transportation and Air Quality Funding Resources

Funding programs that address air quality, such as clean vehicle projects, are available from a number of federal, State, local, and non-profit entities. This site provides links to various current and recurring grant opportunities and also provides information that is helpful once you have received grant funding through NCTCOG.

## Looking for Grant Funding?

[Vehicle Funding Opportunities](#)

[Other Air Quality Funding Opportunities](#)

[Sign-Up for Email Updates](#)

## Already received Grant Funding?

[Agreements & Forms](#)

## Air Quality Funding Opportunities for Vehicles

Funding programs that address air quality, such as clean vehicle projects, are available from a number of federal, State, local, and non-profit entities. This site provides links to various current and recurring grant opportunities and incentives for clean technology.

[Air Quality Funding Home](#)

[Other Air Quality Funding Opportunities](#)

[Sign-Up for Email Updates](#)

## Current Vehicle Grant Funding Opportunities

		Eligible Focus Areas									
		Heavy-Duty Vehicles					Light-Duty Vehicles				
		Application Deadline	School Buses	Oil and Gas Vehicles/Equipment	Long Haul Trucks	Dump Trucks	Other	Idle-Reduction Technology	Passenger Vehicles	Taxis	Idle-Reduction Technology
											Eligible Applicant Type
<a href="#">AirCheckTexas Drive a Clean Machine Program</a>	Open								X		PC
<a href="#">Drayage Loan Program</a>	FCFS			X			X				PV
<a href="#">Federal and State Incentives and Laws (Including Tax Credits)</a>	Open		X	X	X	X		X	X	X	PV
<a href="#">Light-Duty Motor Vehicle Purchase or Lease Incentive (LDLPI) Program</a>	FCFS until 06/26/15								X	X	PB, PV, PC
<a href="#">Propane Vehicle Incentives for Texas</a>	FCFS		X	X		X	X		X	X	PB, PV
<a href="#">Rebate Grants Program</a>	FCFS until 06/26/15		X	X	X	X	X				PB, PV, PC
<a href="#">Texas Natural Gas Vehicle Grant</a>	05/31/15		X	X	X	X	X				PB, PV

<http://www.nctcog.org/trans/air/policy/>



# TERP Light-Duty Rebate



## Program

- Light-Duty Motor Vehicle Purchase Or Lease Incentive Program (LDPLI)

## Funding

- \$7.8 Million Made Available - \$4.9 Million Still Available
- Up to \$2,500 per Vehicle
  - Full Incentive for Purchases
  - Leases Pro-Rated Based on 4-Year Term
- First-Come, First-Served Basis Until June 26, 2015

## Eligibility

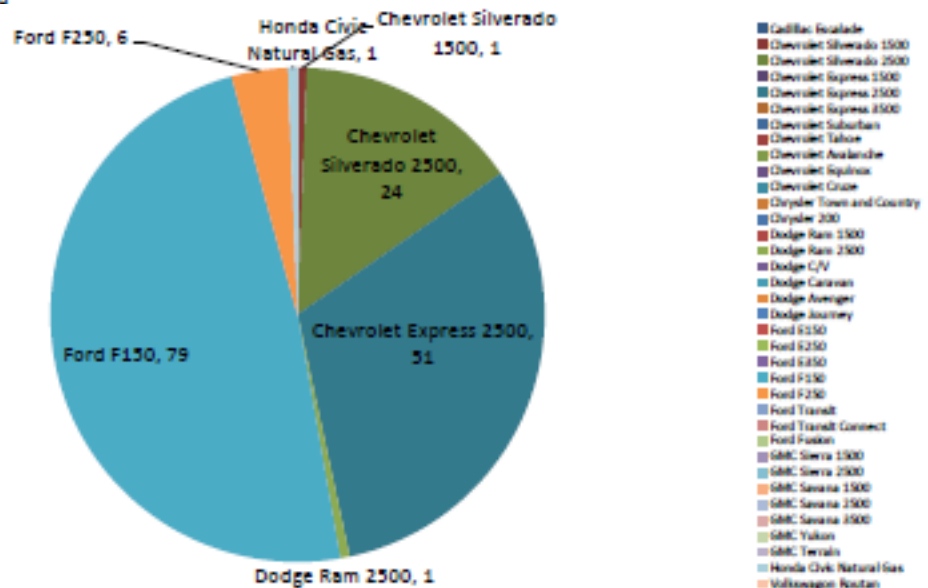
- Individuals, Businesses, and State/Local Governments
- Purchases Must Have Been Made After May 13, 2014
- Vehicles Must be Registered and Operated in Texas
- Eligible Vehicles Listed on Handout

**For More Information:** [www.terpgrants.org](http://www.terpgrants.org)





# 162 Compressed Natural Gas/Propane Vehicles







## **Eligibility – Diesel On-Road and Select Non-Road Repower and Replacement Projects**

- 75% of Annual Usage in the Eligible Counties
- Small Businesses Encouraged to Apply
- Non-Competitive

## **Funding Levels - \$500 to \$80,000+ per project**

- Reimbursement amounts predetermined based on:
  - Default Usage Rates (Miles or Hours)
  - Gross Vehicle Weight
  - Activity Life
  - Replacement Engine Year

**Deadline - First Come, First Served until June 26, 2015 at 5pm**, or until all funding is awarded (whichever comes first)

- \$10 million made available



## Program

- PERC Propane Mower Incentive Program

## Eligibility

- Propane mowers (factory built or Converted)
- Agree to Provide Feedback and Performance Data for One Mowing Season
- Research and Data Capture Effort – NOT REBATE.
- Up to 25 Eligible Mowers per User per Year

## Funding Levels

- \$1,000 per Qualifying Purchase
- \$500 per Qualifying Conversion

## Deadline

- Ongoing



## Program

- ProCOT Propane Vehicle Incentives

## Eligibility

- Private Fleets (3 Business Vehicles or More) NEW to Propane in Texas
- Seed Money for 2-3 Propane Vehicles

## Funding Levels

- Up to \$7,500 for Propane Vehicles
- Up to \$5,000 for Propane Conversions
- Incentive to be Used Toward Incremental Cost Between Gas/Diesel Vehicles and Propane Vehicle or Conversion
- \$15,000 Cap per Company Fleet

## Deadline

- Ongoing



# **84<sup>th</sup> Legislative Session – Selection of Introduced Bills Affecting Fleets**



# Introduced Bills – Alternative Fuels



## **HB 735 (Israel)** – Scheduled for Public Hearing

- Establishes a program to collect information about the number of alternatively fueled vehicles registered on an annual basis.
- Includes: electric plug-in drives, hybrid electric drives, hybrid electric plug-in drives, flexible fuel, fuel cells, natural gas, propane, or other alternative fuels.
- RTC took action to support at meeting on March 12
- If passed, will take effect September 1, 2016

## **HB 3828 (Villalba)** – Referred to Licensing & Administrative Procedures March 23

- Permits direct sale by manufacturer or distributor of motor vehicles powered only by electricity or battery and has not sold or exchanged more than 5,000 of such vehicles in each fiscal year in the state.



# Introduced Bills – Alternative Fuels



**HB 1693 (Isaac)** – Referred to Agriculture and Livestock, March 12

**HB 2080 (Anchia)** – Referred to International Trade &  
Intergovernmental Affairs March 17

- Prohibit the sale of motor fuel and ethanol mixture.

**HB 3835 (Isaac)** – Referred to Energy Resources March 24

- Eliminates methanol, ethanol, biodiesel, and their respective blends from the list of alternative fuels permitted for state agency fleets
- Prohibits state agency purchase of vehicles using these fuel types



# Introduced Bills – Alternative Fuels



## **SB 12 (Uresti, Menendez) – Co-Author Authorized March 18**

- Establishes “State intent” that vehicle fleets of more than 15 be converted to AFV, and creates the Governmental Alternative Fuel Fleet Grant Program to assist eligible state agencies in complying
- Transit and school bus providers also eligible



# Introduced Bills – Texas Emissions Reduction Plan (TERP)



## **HB 14 (Morrison)** – Referred to Environmental Regulation March 16

- Adds 3 Counties in the Waco Region to the List of Eligible TERP Counties
- Eliminates the Clean Transportation Triangle Program
  - Updates Scope and Increases Funding Allocation of the Alternative Fueling Facilities Program Accordingly
- Updates the Light-Duty Rebate Program to Allow a \$5,000 Credit and Expands to Include Hydrogen Fuel Cells
- Extends Expiration Date of all Programs to 2023
- Makes Numerous Minor “Cleanup” Changes to TERP





## **HB 652 (Isaac) – Referred to Environmental Regulation February 19**

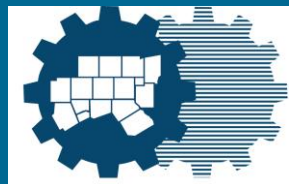
## **SB 603 (Israel) – Pending in Committee March 10**

- Extend expiration dates of various programs

## **HB 4083 (Rodriguez) – Referred to Environmental Regulation March 24**

- Broadens the Light-Duty Motor Vehicle Purchase or Lease Incentive Program to include vehicles purchased or leased both in state and out of state, provided vehicles are registered and operated for a minimum period in Texas
- Updates the program period start date from 2013 to 2015
- Could take effect immediately or on 91st day after the last day of legislative session





**HB 624 (Pickett)** – Referred to Transportation February 26

**SB 321 (Hinojosa)** – Referred to Transportation February 2

- Eliminate the deposit of \$5 fee imposed to the credit of the TERP (diverted from the Texas Mobility Fund)

**SB 1849 (Nichols)** – Referred to Finance March 25

- All of the fees from applications for titles collected will be deposited to the credit of the Texas Mobility Fund, rather than \$5 of the fees going to TERP





**SB 1741 (Hinojosa)** – Referred to Natural Resources & Economic Development March 24

**SB 1949 (Hinojosa)** – Referred to Natural Resources & Economic Development March 25

- Change the allocation of funds for the diesel emissions reduction incentive program to at least 50% of the money in the fund, and any remaining balance as determined by the commission
- SB 1949 also reduces the maximum allocation for funding of a regional air monitoring program in commission regions 3 and 4 **from \$3M to \$1M**
- Reduces the amount to be deposited in the state treasury to the credit of the Clean Air Account **from \$500,000 to \$200,000**





## **SB 1685 (Huffines)** – Referred to Natural Resources & Economic Development March 23

- Revokes Low-Income Repair and Replacement Assistance Program (LIRAP) but allows Local Initiative Projects to continue
- Revokes Health and Safety Code Chapter 386, which relates only to TERP, but may not remove associated programs that appear elsewhere in code.





## **HB 1184 (Paddie)** – Committee Substituted and Reported Favorably March 23

- Authorizes alternative fuel programs resulting in energy cost savings and reduced emissions for local government vehicles as eligible for local government savings performance contracts.

## **SB 1432 (Hall)** – Referred to Natural Resources & Economic Development March 18

- Prohibits state agencies, including TCEQ, from implementing GHG emissions regulatory programs required by federal statute or agency rule
- Prohibits state employee participation in national organizations assigned to recommend emissions regulatory programs



# **Texas Two-Step: The Single-Sticker Program**





## **House Bill 2305 Passed During the 83<sup>rd</sup> Texas Legislative Session:**

- **Stops Issuance of the Separate Windshield Inspection Sticker**
- **Registration Sticker Serves as Proof of Registration and Inspection Began March 1, 2015**

## **Administered Through Joint Effort:**

- **Texas Department of Motor Vehicles (DMV)**
- **Texas Department of Public Safety (DPS)**
- **Texas Commission on Environmental Quality (TCEQ)**



# Sync Up Process



## March 1, 2015 through February 28, 2016

- Sync up period
- Can register as long as vehicle has a current, passing inspection within the past year
  - Those whose registration and inspection stickers already expire in the same month will have to get a new inspection prior to registration

## March 1, 2016 and beyond

- Vehicle inspection must occur within 90 days prior to registration expiration



# Main Steps



## Follow Two Steps:

- **Step 1 – Renew the registration if the vehicle has a current, passing inspection.**
- **Step 2 – Renew the registration online, by mail or in person at a local county tax office. At the time of the registration, the inspection will be verified electronically.**
  - **If tax office cannot find electronic record, motorist may provide a passing Vehicle Inspection Report.**
  - **If needed, print report from [www.mytxcar.com](http://www.mytxcar.com)**



# Main Steps



## Fees:

- **Inspection Fee Does Not Change, but Paid in Two Steps –**
  - 1. Inspection Station Portion Collected at Time of Inspection**
  - 2. State Portion Collected at Time of Registration**
- **Breakdown of Fees Available at [www.twostepsonesticker.com](http://www.twostepsonesticker.com)**

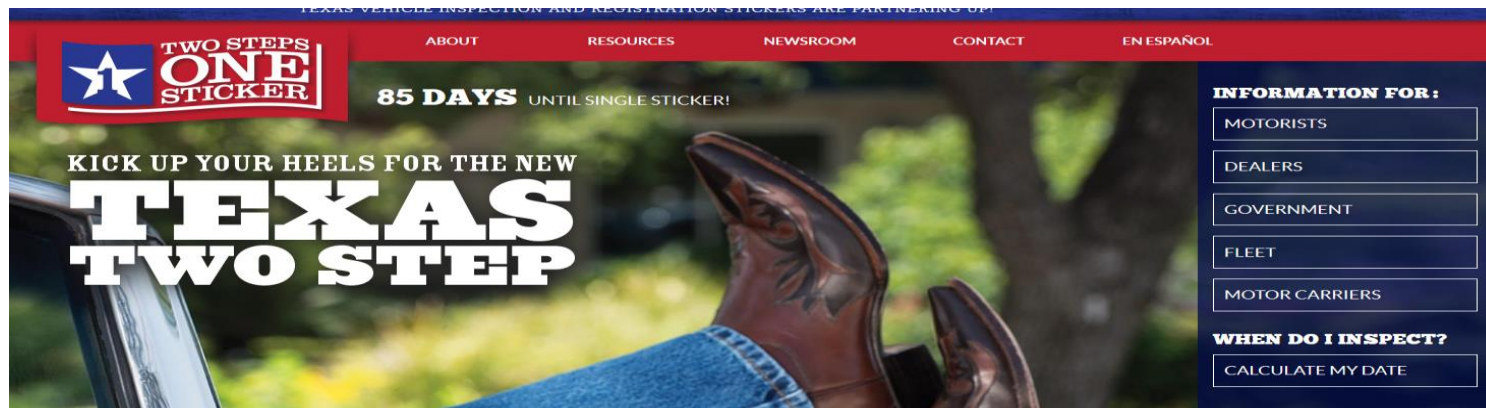


DMV Website: [www.twostepsonesticker.com](http://www.twostepsonesticker.com)

Information for Motorists, Dealers, Government, Fleet and Motor Carriers

“Calculate My Date” – Determine when Vehicle Inspection is Due

Frequently Asked Questions





# Contact Information

**Lori Clark**

Principal Air Quality Planner

[lclark@nctcog.org](mailto:lclark@nctcog.org)

817-695-9232

**Jeff Hathcock**

Senior Air Quality Planner

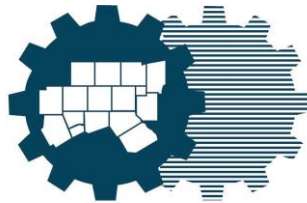
[jhathcock@nctcog.org](mailto:jhathcock@nctcog.org)

817-608-2354

**Websites**

[www.nctcog.org/airquality](http://www.nctcog.org/airquality)

[www.dfwcleancities.org](http://www.dfwcleancities.org)



**North Central Texas  
Council of Governments**

