

# **INTRODUCTION TO THE NCTCOG SMARTE PROGRAM**



Saving Money and Reducing Truck Emissions

**Dallas Fleet Maintenance Council**  
**May 13, 2015**



North Central Texas  
Council of Governments

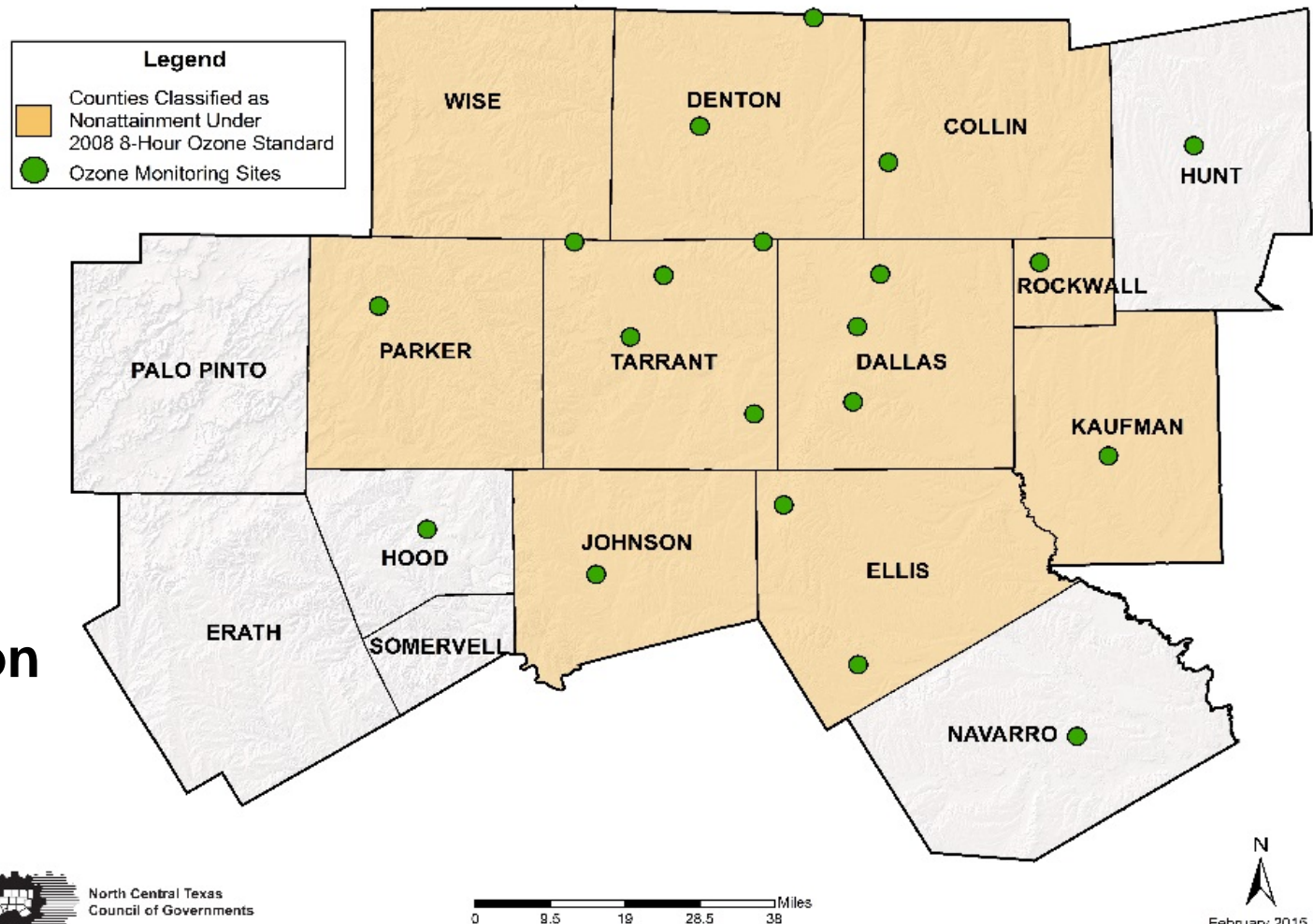
**Lori Clark**  
**Principal Air Quality Planner**

# WHO IS NCTCOG?

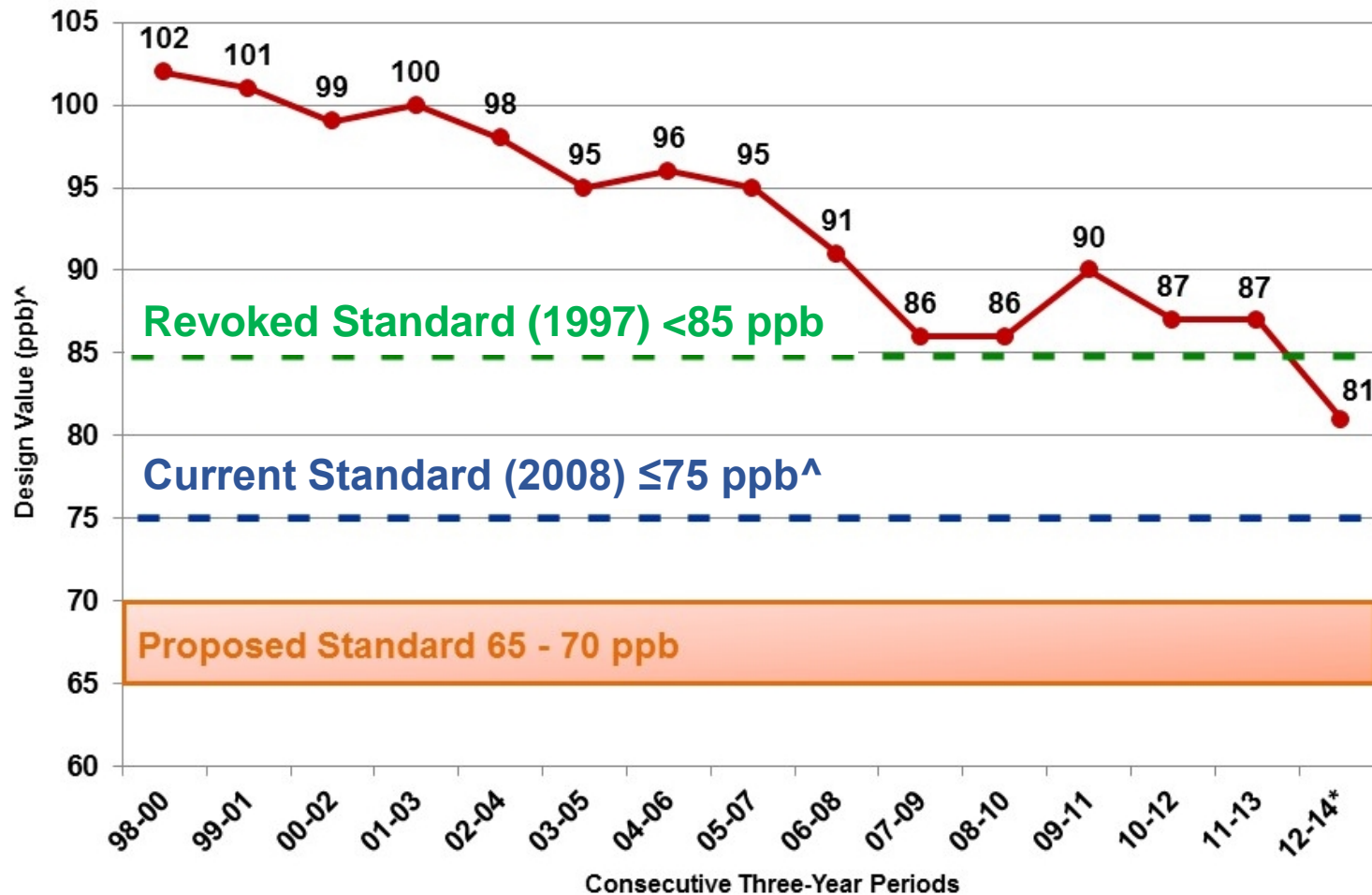
**Council of  
Governments**

**Metropolitan  
Planning  
Organization**

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



# 8-HOUR OZONE TRENDS



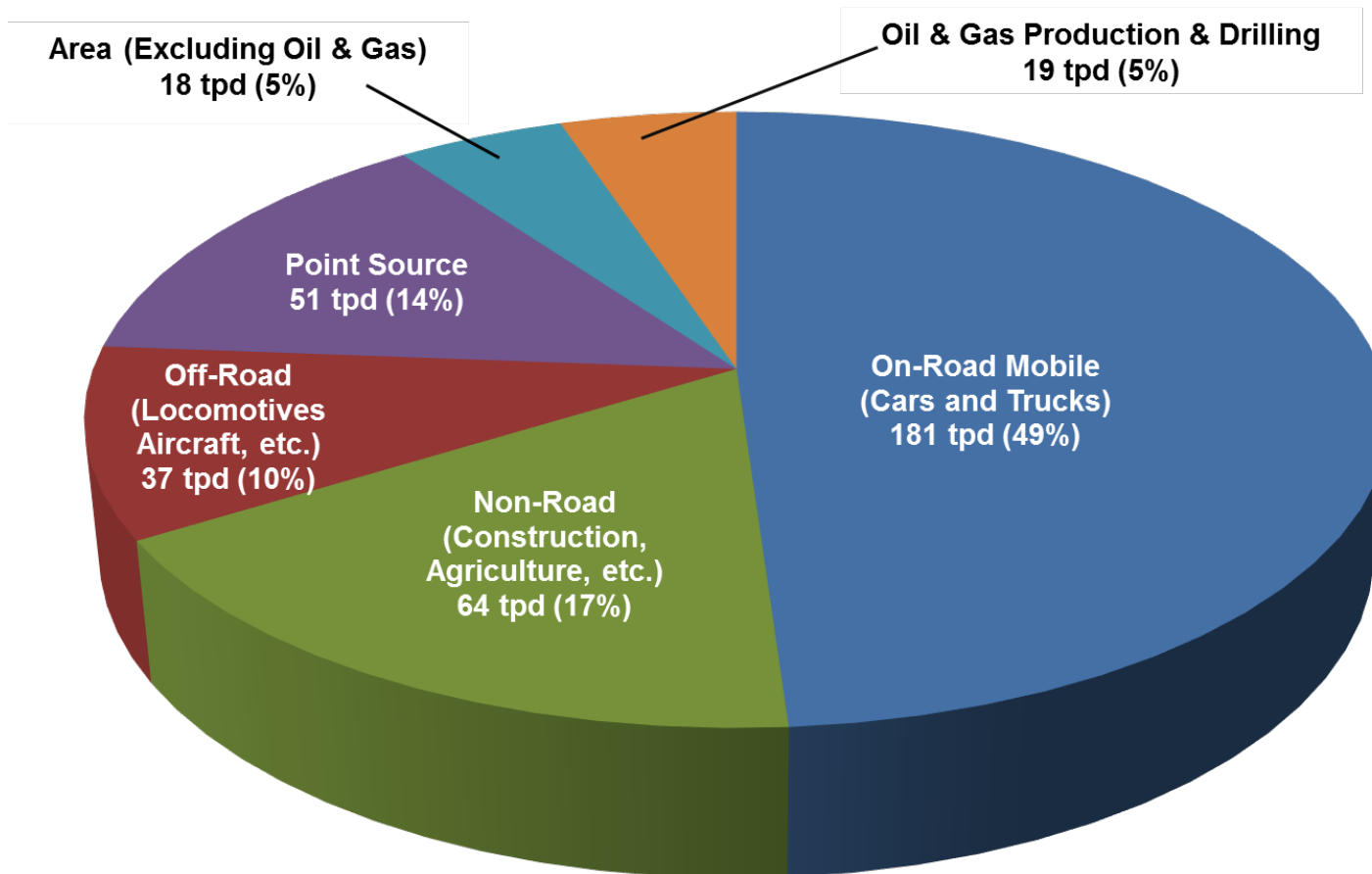
<sup>^</sup>Attainment Goal - According to the US EPA National Ambient Air Quality Standards, attainment is reached when, at each monitor, the *Design Value* (three-year average of the annual fourth-highest daily maximum 8-hour average ozone concentration) is equal to or less than 75 parts per billion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

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

Source: NCTCOG TR Dept

# 2012 DALLAS-FORT WORTH NO<sub>x</sub> EMISSIONS INVENTORY

**Source Category Estimates = 370 tons per day (tpd)**



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

# WHY IT MATTERS



# BONUS ITEM!!!

# SMARTE

Saving Money and Reducing Truck Emissions

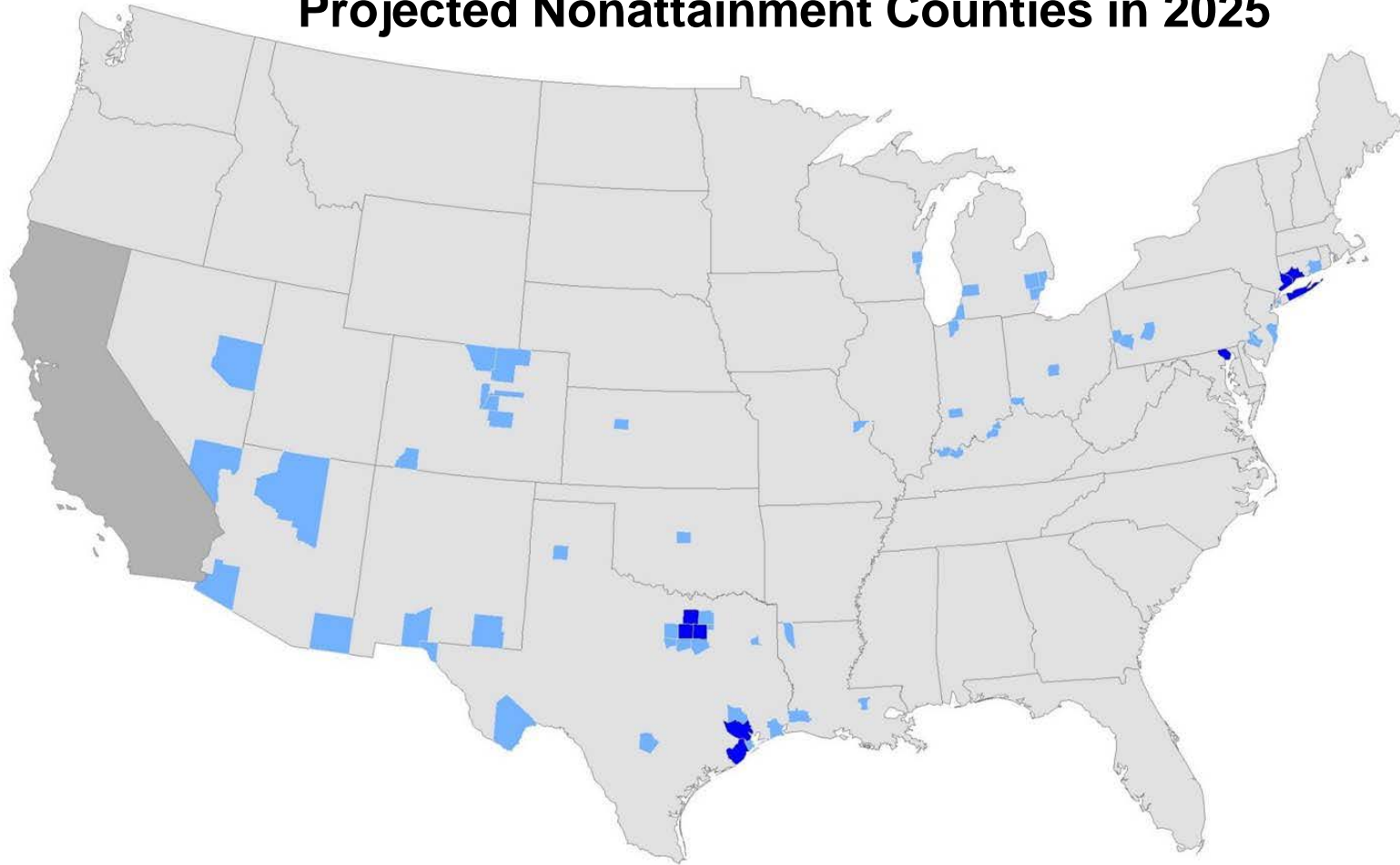
## Help Identify Needed Projects!





# EPA FUTURE OZONE ATTAINMENT PROJECTIONS

## Projected Nonattainment Counties in 2025



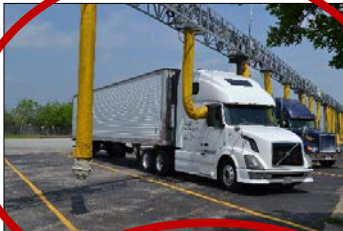
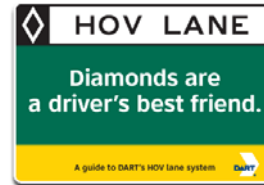
9 counties outside of California would violate 70 parts per billion (ppb)  
59 additional counties outside of California would violate 65 ppb for a total of 68

Source: EPA

# EXAMPLES OF CURRENT EFFORTS

# SMARTE

Saving Money and Reducing Truck Emissions



tryparkingit.com





## Regional “One-Stop Shop” Education Outreach/Promotion Assistance



**A “Win-Win” for Industry and Region**

## SmartWay Verified Technologies

Aerodynamics

Low Rolling Resistance Tires

Idling Reduction

Retrofits

SmartWay Tractors

SmartWay Trailers

## Other Fuel Saving Strategies

Alternative Fuels

Engine Repower

Speed Management Policies

Trailer Strategies

Weight Reduction Strategies

# GET INVOLVED: DRIVERS/FLEETS



**Purchase/Implement SmartWay-Verified Technologies**

**Become an EPA SmartWay Partner**

[www.epa.gov/smartway](http://www.epa.gov/smartway)

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

**Fleets**

**Goal-Oriented Structure**

**Funding Eligibility**

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



**Dallas-Fort Worth  
CLEAN CITIES**

**Join the DFW Clean Cities Coalition**

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



# GET INVOLVED: VENDORS

## **Participate in SMARTe Vendor Directory**

### **Qualifications:**

- **Sell SmartWay-Verified Technologies**
- **Complete Information Form**
- **Provide Voluntary Information on SMARTe Assisted Sales**

### **Benefits**

- **Listing Provided During Outreach**
- **Integration into DFW Clean Cities as Stakeholder & on Vendor Directory**

**NOTE: Participation Does Not Represent, nor Imply Endorsement or Recommendation By NCTCOG**

**Encourage Customers to Join Local Initiatives**

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

# DIRECTORY PARTICIPANTS



**Cantwell Power Solutions – Aerodynamic Devices, Idling Control Strategies**

**Centramatic - Idling Control Strategies, Tire Technology**

**IdleAir - Idling Control Strategies**

**MHC Kenworth – Dallas, South Dallas, Fort Worth - Aerodynamic Devices, Advanced Lubricants, Emission Control Devices, Fuel Options, Idling Control Strategies, Retrofits, Tire Technology, Trailer Strategies**

**Rush Truck Centers – Dallas, Fort Worth - Aerodynamic Devices, Emission Control Devices, Fuel Options, Idling Control Strategies, Retrofits, Tire Technology, Trailer Strategies**

**Shorepower Technologies - Idling Control Strategies**

**Thermo King Dallas - Trailer Strategies, Idling Control Strategies**



## NCTCOG 2015 Clean Diesel Call for Partners

### Eligible Projects

Vehicle/Equipment Replacement

Vehicle/Equipment Repower

Certified Engine Upgrades

Installation of Idle Reduction Technology

### Areas of Focus

Distribution Centers

Rail Yards

Terminals

Airports



# CONTACT INFORMATION



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