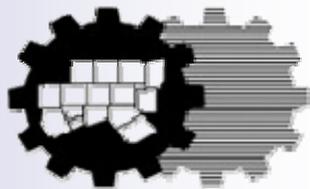


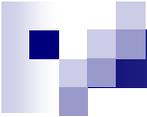
NCTCOG CLEAN TRANSPORTATION INITIATIVES

Clean Air Through Energy Efficiency 2009

October 15, 2009



Carrie Reese
Air Quality Policy & Program Development
Transportation Department
North Central Texas Council of Governments



SUMMARY OF NCTCOG'S ROLE

Identify Needs and Opportunities

Gather Financial Resources for the Region

Coordinate with Partners and Stakeholders

Identify and Assimilate Best Practices and Policies

Implement Grant Funding Programs

Conduct Demonstration/Pilot Programs

Facilitate Enforcement Programs

Educate Public and Industry on Clean Vehicles

CLEAN FLEET VEHICLE POLICY

Goal to Minimize Emissions Among Public Sector Fleet Vehicles

96 Adopting Entities to Date

Principles Applicable to All Fleets

Impact on Funding Requests

Potential Consideration in General Funding Decisions

Criteria for Clean Vehicle Funding

Comprehensive in Nature

Acquisitions

Operations and Maintenance

Annual Reporting

Fleet Benefits

Efficient Operations

Reduced Emissions

Consistent Fleet Goals

Public Recognition



Contact: Lori Pampell at 817-695-9232 or lpampell@nctcog.org
<http://www.nctcog.org/trans/air/vehicles/fleet/policy/index.asp>

HEAVY-DUTY IDLE RESTRICTION

Regional Implementation

RTC Endorsement of Policy

Local Jurisdiction Adoption of Ordinance/Court Order

Local Jurisdiction Entrance into North Texas MOA

Local Jurisdiction Development of Enforcement Plan

Current Adoption Status

24 Cities and Counties to Date

Regional Education and Outreach

Anti-Idling Street Signs

Driver Education Brochures

Idling Complaint Hotline

(1-877-NTX-IDLE)

Anti-idling Web site

www.EngineOffNorthTexas.org



Contact Amanda Brimmer at 817-608-2343 or abrimmer@nctcog.org
<http://www.nctcog.org/trans/air/programs/idling/index.asp>

PUBLIC CONSTRUCTION POLICY

Policy Development

**Publicly Owned and Contracted Equipment
Specification for Engines and Equipment Operation
Incorporation into Contracting Procedures**

Policy Goals

**Encourage Use of Cleaner Equipment
Encourage Use of Existing Incentives**

Statewide Coordination

TCEQ

TxDOT

Houston, Austin, Dallas, San Antonio

Environmental Defense Fund

Public Citizen



Contact Lori Pampell at 817-695-9232 or lpampell@nctcog.org
<http://www.nctcog.org/trans/air/vehicles/fleet/constructionfleets/index.asp>

CLEAN VEHICLE PROGRAM

Funding Sources

- Federal CMAQ Funds
- State Energy Conservation Office
- Private Funding

Grant Opportunities

- Calls for Projects – NOx Focus
- Heavy- and Light-Duty Vehicles
- Clean Vehicle Policy Adoption
- Vehicle Disposition Required

Outreach and Education

- Dallas-Fort Worth Clean Cities Coalition
- Best Practices and Guidance
- Resources and Tools for Fleet Managers
- Workshops and Training Events



Contact Lori Pampell at 817-695-9232 or lpampell@nctcog.org
<http://www.nctcog.org/trans/air/programs/fleet/policy/call.asp>

CLEAN SCHOOL BUS PROGRAM

Funding Sources

Federal CMAQ Funds

EPA/Blue Skyways Collaborative Grants

TCEQ Supplemental Environmental Project Funds

DFW Adopt-a-School Bus Foundation

Grant Opportunities

Calls for Projects – NOx Focus

Replacement, Repower, Retrofits

Outreach and Education

Best Practices

Clean Vehicle Policy

Resources for Fleet Managers

The Clean Buzz Electronic Newsletter

Student and Parent Educational Materials



Contact Amanda Brimmer at 817-608-2343 or abrimmer@nctcog.org
<http://www.nctcog.org/trans/air/schoolbus/index.asp>

TEXAS EMISSIONS REDUCTION PLAN (TERP) PARTNERSHIP

General TCEQ Funding Program

Public and Private Fleet Funding

**Replace, Repower, or Retrofit Diesel Vehicles; Idle Reduction
Cost Effectiveness Up to \$15,000 Per Ton NOx**

North Texas Emissions Reduction Grant Program

Third-Party NCTCOG Grant

Fleet Focus

Refuse Haulers

Local Government Fleets

Construction Equipment

Idle Reduction Technology



Contact Amanda Brimmer at 817-608-2342 or abrimmer@nctcog.org
<http://www.nctcog.org/trans/air/programs/terp/cfps/index.asp>

IDLE REDUCTION PROGRAM

Program Goals

**Reduce NOx Emissions from Heavy-Duty Diesel Idling
Incentivize Investment in Idle-Reduction Technologies**

Funding

Federal CMAQ And EPA Funds

Geographic Focus

**DFW Ozone Nonattainment Area
Blue Skyways Collaborative Corridor**

Eligible Project Types

On-Board:

**Incremental Cost of Integrated Systems
Purchase/Installation of Devices**

On-Site:

Installation of Infrastructure



Contact: Lori Pampell at 817-695-9232 or lpampell@nctcog.org
<http://www.nctcog.org/trans/air/programs/idling/DieselFreightIdling.asp>

CLEAN REGULATED FLEETS

North Texas Green & Go Clean Taxi Partnership
Dallas Sustainable Skylines Initiative

Grant Opportunity

\$5,000 Awards for Cleaner Vehicles
Taxi Companies/Individual Operators

Incentives

Longer Service Allowances
Extensive Marketing Campaign



Future Program Expansion

Additional Fleets and Funding Models
Limousines, Courtesy Vans, Shuttles, etc.
Expanded Outreach Efforts
Incorporation into Regional Authority

Contact Jenny Danieau at 817-608-2342 or jdanieau@nctcog.org
<http://www.nctcog.org/trans/air/vehicles/fleet/regulated/GreenTaxi.asp>

ELECTRIFICATION INITIATIVE

Goals

**Launch Market for Electric Vehicles
Infrastructure Development and Installation**

Regional Coalition

**Electric Utility Companies
Regional Governments
Local Businesses
EV Industry Leaders**



Statewide Coordination

Corridor Recharging Infrastructure

Kick-Off Workshop

**October 29, 2009, from 8:30 am to 5 pm
NCTCOG Offices, Arlington, TX**

Contact Jenny Danieau at 817-608-2342 or jdanieau@nctcog.org
<http://www.nctcog.org/trans/clean/vehicles/news/EVNT/rsvp.asp>



RECOVERY ACT: EPA*

Categories	Activities
Diesel Replacements	2 Emergency Vehicles 1 Utility Vehicle 7 Delivery Trucks 2 Short Haul Trucks 14 Long Haul Trucks
Diesel Engine Repower	1 Long Haul Truck
Auxiliary Power Units	92 Units
Low Rolling Resistance Tires	89 Trucks
Aerodynamics	55 Trucks
Cetane Enhancers	100 Trucks

*US Environmental Protection Agency



RECOVERY ACT: DOE*

Categories	Activities
Electric Vehicles and Infrastructure	34 Vehicles 4 Electric Recharging Sites
Hybrid-Electric Vehicles	251 Hybrid-Electric Vehicles
Compressed Natural Gas Vehicles and Infrastructure	97 Vehicles 3 Compressed Natural Gas Refueling Stations
E-85 Infrastructure	3 E-85 Refueling Stations (2 are Multi-fuel with Biodiesel)
Biodiesel Infrastructure	3 Biodiesel Refueling Stations (2 are Multi-fuel with E-85)
Training	Compressed Natural Gas and Hybrid-Electric Training Curriculum

*Department of Energy

COLLABORATIVE PROGRAMS

Blue Skyways Collaborative

Technical Committee Participation
Knowledge Sharing
Grant Funding Opportunities



SmartWay Transport Program

Partnership Promotion
Education and Outreach
Partner Recruitment and Recognition
Partner Support and Technical Assistance
Demonstration Programs
Integration Into Regional Programs



Contact: Carrie Reese at 817-695-9232 or creese@nctcog.org

VEHICLE ASSISTANCE PROGRAM

AirCheckTexas Drive a Clean Machine Program

Funds from Texas Commission Environmental Quality

Helps Low-Middle Income Residents Repair or Replace

Vehicles That Do Not Pass Inspection or Are \geq 10 Years Old

Up to \$600 for repair or \$3,500 for replacement

December 12, 2007 – September 30, 2009

15,602 Vehicles Retired and Replaced

19,585 Repaired

www.DriveaCleanMachine.org



Contact Jason Brown at 817-704-2514 or jbrown@nctcog.org
<http://www.nctcog.org/trans/air/act/index.asp>

SMOKING VEHICLE PROGRAM

Strategy

To Advise Vehicle Owners of Possible Emission Problems
Local Citizen Identification Efforts

Reporting Methods

Online at www.smokingvehicle.net
#SMOKE (#76653) from Wireless Phone
817-704-2522 from a Landline Phone



Don't Choke, Call #SMOKE

Successes

Received Over 7,222 Notifications since January 2008

Contact Robby Sprosty at 817-695-2255 or rsprosty@nctcog.org
<http://www.nctcog.org/trans/air/smoking/index.asp>

ENFORCEMENT PROGRAM

Regional Emissions Enforcement Program

- Reduce Number of Fictitious/Counterfeit Inspection Certificates**
- Identify Stations and Inspectors Performing Improper Inspections**
- Enforce Truck Lane Restrictions**
- Support Anti-Idling Restrictions**
- Enforce Smoking Vehicle Statute**
- Train Local Law Enforcement Officers**



Emissions Information System

- Assist in the Enforcement of Fictitious/Counterfeit Inspection Certificates and Smoking Vehicles**
- Internet-based, Password-Protected and Available to Law Enforcement Agencies 24/7**
- Cross References 5 Different Databases**

Contact Richard McComb at 817-608-2340 or rmccomb@nctcog.org

EDUCATION PROGRAMS

North Texas Clean Air Coalition

**Educates, Engages, and Recognizes the
Business Community on Clean Air Efforts**



Dallas-Fort Worth Clean Cities

**Clearinghouse for Information and Education on Clean Fuel
and Advanced Technology Vehicles, Programs, and Policies
with a Focus on Petroleum Reduction and Air Quality Benefits**

Air North Texas

**Voluntary Effort and Creative Platform to Develop a Regional
Voice to Generate Public Awareness That Will Foster
Behavioral Changes in the Community**

**All-Inclusive Branding Effort That Will Serve to Bridge All Air
Quality Programs Into One Comprehensive and Versatile
Initiative**

Contact Mindy Mize at 817-608-2346 or mmize@nctcog.org
<http://www.airnorthtexas.org>; <http://www.nctcog.org/trans/clean/cities/>

AIR NORTH TEXAS

clean air for all



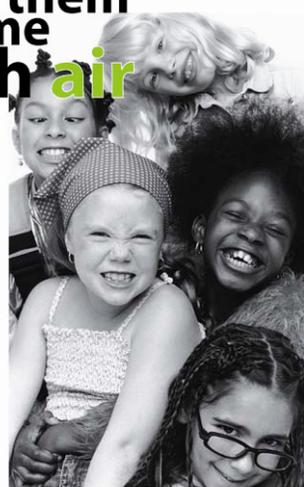
go green. breathe clean.

Let's face it, we all want the same thing - clean air. With your help from the Air North Texas community of individuals and organizations in the North Texas region, we can make living healthy and breathing clean a breeze with Air North Texas to become a face of change in air quality.

Air North Texas is a public awareness campaign that encourages residents to make clean air choices. Join us.

www.AirNorthTexas.org

give them some fresh air



go green. breathe clean. your logo here

No one likes being stuck indoors, especially kids. But when air is bad, being indoors is the only place a kid should be. With your help and the support from the Air North Texas community of individuals and organizations in the North Texas region, we can make living healthy and breathing clean a child's play. Sign up today with Air North Texas and expand your kid's playground.

Air North Texas is a public awareness campaign that encourages residents of North Texas to make clean air choices. Join us.

www.airnorthtexas.org




The screenshot shows the website layout with the following elements:

- Header:** "air northtexas" logo, "go green breathe clean a campaign for clean air", and a search bar.
- Navigation Menu:** home, about us, partners, individuals, businesses, air facts, just for kids, links & resources.
- Main Content Area:**
 - Left Column:** "playing catch outside is so much more fun" with an image of children playing.
 - Middle Column:** "bike it you might like it" with an image of a person on a bicycle.
 - Right Column:** "welcome to air north texas" with introductory text, "maintain your car breathe better" with an image of a car, and "think . share . connect ." with a "sign up" button.
- Footer:** "quality index", "walking/waking routes", "commute info", "report smoking vehicles", and "contact us".

When it comes to our air, inflation is a good thing.

By keeping your tires properly inflated you'll increase gas mileage, decrease your emissions and save money. And that's a very good thing.

For more tips on how you can do your part click on airnorthtexas.org





CONTACT INFORMATION

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www.nctcog.org/trans/air

www.nctcog.org/arra