



# Tulsa Area Clean Cities

## Recent Accomplishments & Future Goals

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South Central Region

Clean Cities Coordinator Peer Exchange

Santa Fe, NM

April 8-10, 2008





*A Growing Tulsa Economy*  
(1947)

# Tulsa Area Coalition Status and Sustainability

- **Our Status**

- ❑ Staffed/Administered through the Regional Council of Government - INCOG (Indian Nations Council of Governments); Also the Tulsa Metropolitan Planning Organization for Transportation Planning; NE Oklahoma
- ❑ Two Co-Coordiators; both part-time
- ❑ Tulsa and all of OK attainment for all National Ambient Air Quality Programs...(though not for much longer ☹️)

- **Our Membership Structure, Strategies & Sustainability**

- ❑ Tulsa has a long and successful history of voluntary commitment to proactive 'clean air' strategies and programs.
- ❑ Approximately 50 Stakeholders and 150 Coalition 'Partners'





## Noteworthy Projects

# EPA Approves Tulsa Ozone Flex Agreement

(Dallas, Texas – **April 8, 2008**) Today the Environmental Protection Agency, in collaboration with the Oklahoma Department of Environmental Quality, announced that it has approved a new air quality plan for the Tulsa area under its 8-hour Ozone Flex (8-O3Flex) program.

The 8-O3Flex program allows communities that are currently meeting the national standard for ozone to implement proactive, voluntary measures that will reduce emissions of ozone-causing pollutants to improve air quality and stay within federal requirements.

“EPA and the 8-hour Ozone Flex program are helping communities achieve cleaner air sooner,” said EPA Regional Administrator Richard E. Greene. “We are pleased to have cities like Tulsa working with EPA, state and industry groups to develop better solutions for a better environment.”

Tulsa’s 8-O3Flex agreement will involve implementing five projects over the next year, including a Metropolitan Tulsa Transit Authority Clean Diesel Retrofit Project. The clean diesel project will retrofit 26 buses and reduce nitrogen oxide emissions by about 4.5 tons per year. Nitrogen oxide combines with volatile organic compounds and sunlight to form ground-level ozone, or smog.

In addition to the clean diesel project, Terra Nitrogen, a manufacturer of nitrogen fertilizer products southeast of Tulsa, will voluntarily install ultra-low nitrogen oxide burners on one of its ammonia reformers. The \$2 million project is planned for 2009 and is expected to cut nitrogen oxide emissions by 425 tons per year. Numerous other measures, including a City of Tulsa energy conservation project, will provide additional reductions in emissions of nitrogen oxides and volatile organic compounds. The Tulsa metro area has been an ozone attainment area since 1990 and currently has an ozone design value of 0.080 ppm. EPA approved a more protective 8-hour ozone standard of 0.075 ppm per million (ppm) on March 12. The 8-O3Flex plan will remain in effect until 2013, unless the area is reclassified under the new ozone standard. Oklahoma will recommend which areas should be classified as an attainment of the new standard in 2009, and EPA will finalize those designations in 2010. The 8-O3Flex agreement will not prevent the region from being designated as a nonattainment area under the new standard. However, the plan is expected to help the area reduce ozone and reach the revised standard sooner. Additional information on the 8-hour ozone flex program is available at [www.epa.gov/region6](http://www.epa.gov/region6).

To learn more about activities in EPA Region 6, please visit [www.epa.gov/region6](http://www.epa.gov/region6).



U.S. Department of Energy  
Energy Efficiency  
and Renewable Energy



## More Noteworthy Projects

- **Biodiesel**

- Tulsa Biofuels
- B20



- **Ethanol:** E-10; E-85

- Magellan Midstream Partners Ethanol Blending Facility

- **CNG Projects**

- Tulsa Public Schools; Emissions Solutions CNG Bus Engine Product
- City of Tulsa: Honda Civics, Refurbished CNG Fueling Station and upcoming CNG Refuse Truck
- University of Tulsa's Hurricane CNG Shuttles



- **And More**

- Diesel Fleet Anti-Idling Outreach
- Tulsa's Green Traveler Program; Clean Commuter Solutions
- Energy Efficiency Outreach





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# Noteworthy Coalition Outreach Activities

## Clean Diesel Fleets

**Idle Reduction, Clean Technologies and Funding Opportunities**

Join Tulsa Clean Cities for a **FREE** Clean Diesel Fleet Workshop designed for city officials, fleet managers, transportation directors and others involved in transportation issues.

Attend this workshop to find out how you can receive grant money for clean diesel efforts. Over \$4 million dollars will soon be made available for clean diesel efforts.

You will learn how:

- Clean technologies can help your fleet breathe cleaner air.
- Idle reduction translates into fuel savings.
- To find available grant money to help clean up your fleet.

RSVP online at [www.tulsacleancities.com](http://www.tulsacleancities.com)  
For more information & RSVP contact Cris Goettel  
918-579-9434 or [cgoettel@incog.org](mailto:cgoettel@incog.org)

(Previously scheduled Wed, March 26, 2008)

**NEW DATE!**

**Tues. April 22, 2008**

## Clean School Bus Fleet

**Idle Reduction, Clean Technologies and Funding Opportunities**

(Previously scheduled Wed, March 26, 2008)

**NEW DATE!**

**Tues. April 22, 2008**

9:30 a.m.—12:30 p.m.

**Central Center at Centennial Park**  
1028 E. Sixth St.  
Tulsa, OK  
(On Sixth Street just West of Peoria)



Join Tulsa Clean Cities for a **FREE** Clean School Bus Workshop designed for school officials, fleet managers, transportation directors and others involved in school transportation issues.

Attend this workshop to find out how your school district can receive grant money for clean school bus technologies. Over \$4 million dollars will soon be made available for clean diesel efforts.

You will learn how:

- Clean technologies can help your students breathe cleaner air.
- Idle reduction translates into fuel savings.
- To find available grant money to help clean up your fleet.

RSVP online at [www.tulsacleancities.com](http://www.tulsacleancities.com) by 4/18  
For more information & RSVP contact Cris Goettel  
918-579-9434 or [cgoettel@incog.org](mailto:cgoettel@incog.org)

## Making Cents of Biodiesel for School

Join Tulsa Clean Cities for a **FREE** Biodiesel Workshop for **SCHOOL BUS FLEET PROFESSIONALS** to learn about this increasingly popular renewable fuel.

The workshop will educate potential users, managers and decision makers on the positive application of biodiesel and its ease of use.

Learn about the performance advantages of biodiesel and how it is a cleaner burning biodiesel.

Reduce air pollution and protect public health.

Work with local fleets that have had experience using the fuel.

**November 14, 2007**

**11:00 a.m.—1:00 p.m.**

**Central Center • 1028 E 6th St. • Tulsa, OK**

**BBQ Lunch Provided!**

RSVP online at [www.tulsacleancities.com](http://www.tulsacleancities.com) by 11/12  
For more information & RSVP contact Cris Goettel  
918-579-9434 or [cgoettel@incog.org](mailto:cgoettel@incog.org)



## Lessons Learned

- Connect with partners and projects already occurring...and build and grow from there, taking all opportunities to foster partnerships and be sure to applaud all successes. Find your 'champions'.
- Reputable partners are critical. One single company selling shoddy equipment can undo all progress and send a coalition back to the starting line.
- It's easy to get tied up in the administrative detail, goals and minute specifics. For us, this ended up also slowing down progression. So try not to let the admin stuff get in the way
- If you feed them, they will come.



## Goals for 2008 & Beyond

- Grow our coalition, build partnerships and increase alternative fuels technologies and vehicles improving air quality and displacing petroleum
- Increase CNG Influence in the Tulsa Area
  - Fueling Infrastructure
  - City of Tulsa CNG Refuse Vehicle Fleet
  - Restoring a CNG School Bus Fleet for Tulsa Public (and other) schools.
- Moving the Tulsa Transit (Bus Fleet) Authority toward AFV technology and becoming a clean fleet

