

A Winning Application: How We Did It

**Preparing Your DERA Grant
Application: What You Need to Know in FY2011**

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**Air Quality Policy Program and Development
North Central Texas Council of Governments**

DFW Ozone Nonattainment Area

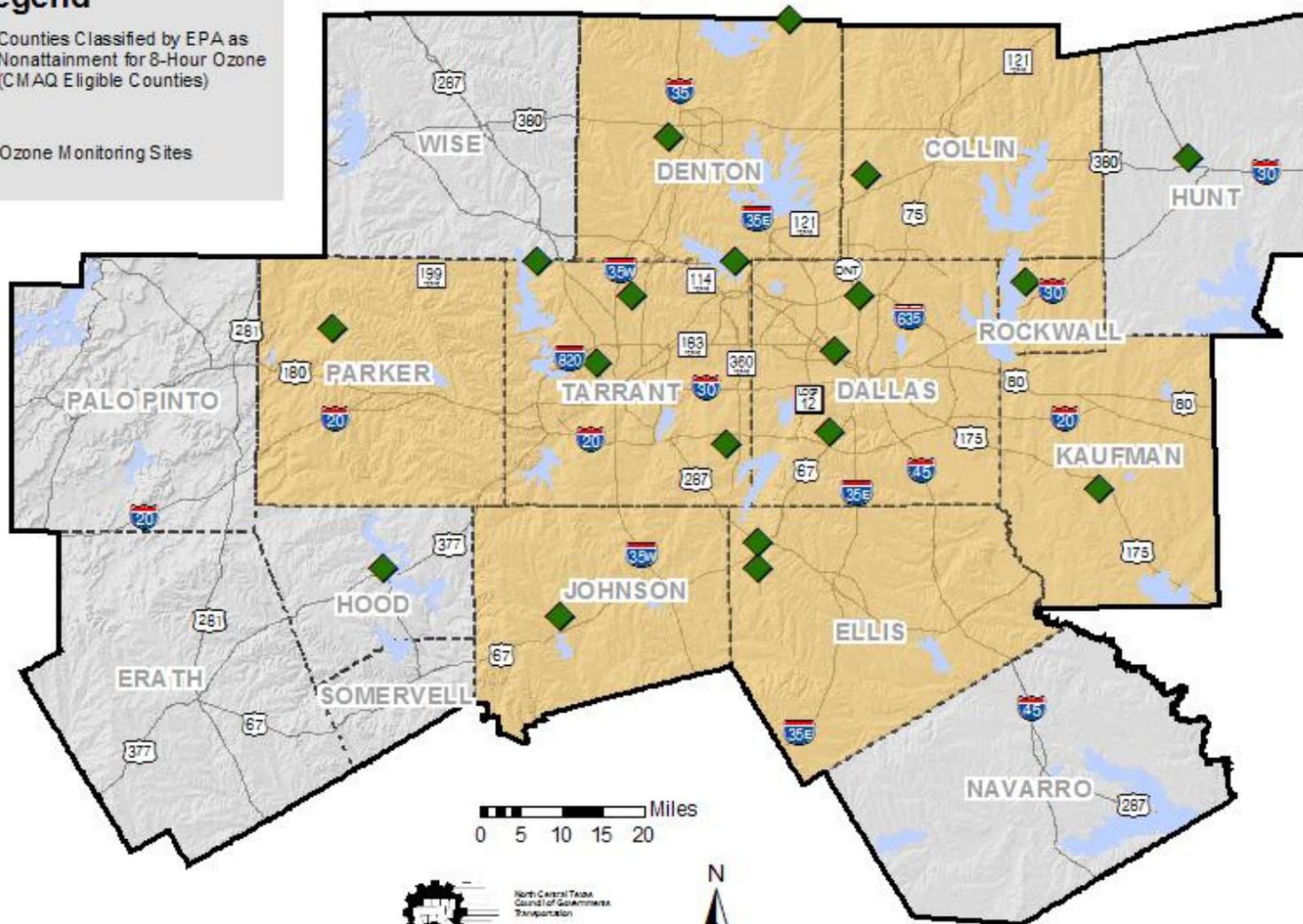
Legend



Counties Classified by EPA as Nonattainment for 8-Hour Ozone (CMAQ Eligible Counties)



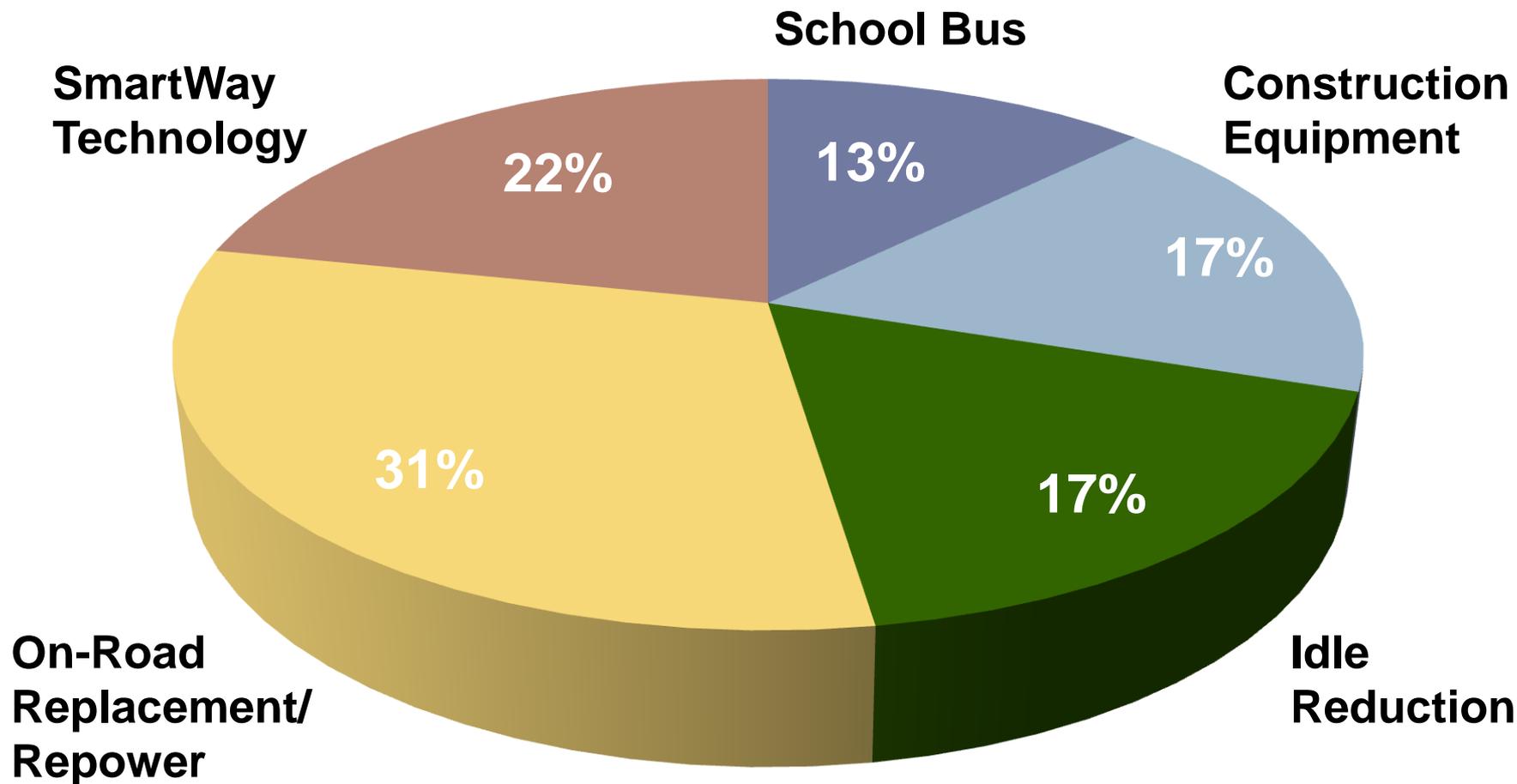
Ozone Monitoring Sites



NCTCOG's Awarded Applications

Year	Project Type	Award Amount	Status
2006	School Bus	\$196,674	Complete
2007	School Bus	\$200,000	Complete
2008	On-Board Idle Reduction	\$750,000	Near Completion
2008	Construction Equipment	\$750,000	Near Completion
2009	ARRA: On-Road HDDV Replacement/Repower	\$2,188,195	Implementation
2009	ARRA: SmartWay Technology Upgrade	\$1,550,157	Implementation
2010	School Bus	\$500,000	Open Solicitation
2010	On-Site Idle Reduction	\$500,000	Open Solicitation
2010	Construction Equipment	\$500,000	Upcoming CFP

Percent Funding by Project Type



NCTCOG's Approach to DERA

- **Third-Party Administration**

- Administer Grants to Subrecipients
- Determine Region's Needs and Opportunities
- Secure and Leverage Resources for Region
- Ensure Equal Opportunity and Participation

- **Project Prioritization**

- Focus on Nitrogen Oxide Reductions (Ozone Nonattainment)
- Consider Multipollutant Benefits/Other Strategic Initiatives
- Determine Complements to Other NCTCOG Initiatives
- Identify Eligible Projects That Face Other Funding Gaps
- Consider Local Elected Official Priorities

Developing a Proposal

- **Responsiveness to Request for Proposals**
 - Do Your Homework and Be Educated
 - Respond to EPA and EPA Region Priorities
 - Be Specific and Complete

- **Project Justification**
 - Demonstrate Needs and Opportunities
 - Demonstrate Cost-Effective Emissions Reductions
 - Provide Technical Details

- **Agency Qualifications**
 - Demonstrate Partnerships and Abilities
 - Demonstrate Previous Experience and Capability
 - Call on Past Successes

Determining Subrecipients

- **Implement Funding Opportunity**
 - Determine Audience
 - Develop Structure
 - Publicize Opportunity
 - Require Specific Vehicle/Equipment Details
 - Require Identification of Local Match Source
 - Provide Resources to Applicants
- **Competitive Selection (Quantitative and Qualitative)**
 - Quantify Cost-Effectiveness by Pollutant
 - Quantify Cost-Effectiveness by Fuel Displacement
 - Assess Geographic Area of Activity
 - Consider Past Partnership
 - Determine Feasibility of Proposed Projects
 - Consider Other Strategic Goals

Ensuring Success

- **Subrecipient Success**

- Communicate
- Establish Clear Milestones
- Reimburse Expenses After Activity Completion
- Require Regular Reporting
- Publicize Success Stories

- **NCTCOG Success**

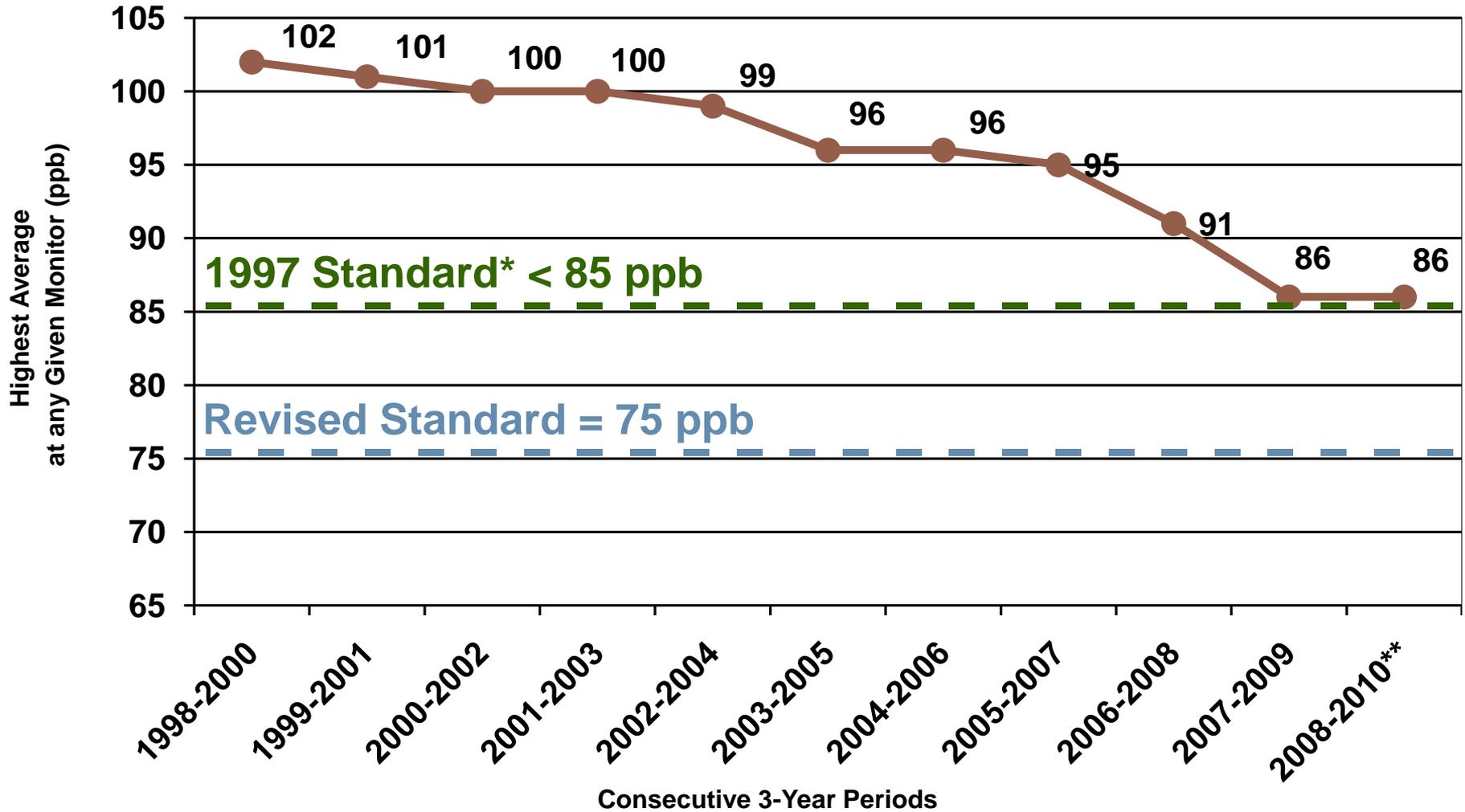
- Communicate
- Be Flexible and Willing to Adjust
- Have a Contingency Plan
- Learn From Past Experiences

Resulting Benefits to Date (Tons)

Year	Project Type	Number of Activities	Total NOx Reduction	Total PM 2.5 Reduction
2006	School Bus	10	13.07	0.72
2007	School Bus	6	8.33	0.26
2008	On-Board Idle Reduction*	147	132.68	2.80
2008	Construction Equipment*	14+	76.10+	TBD
2009	ARRA: On-Road HDDV Replacement/Repower*	102	68.70	1.98
2009	ARRA: SmartWay Technology Upgrade*	448	24.07	0.51
2010	School Bus*	19-95	5.9-33.96	0.04-0.52
2010	On-Site Idle Reduction*	55	157.76	4.56
2010	Construction Equipment*	5-11	6.11-25.92	0.73-2.59

*In Progress or Upcoming. Some estimates are included in benefits.

DFW 8-Hour Ozone Trend



* 2010 Attainment Goal - According to the US EPA National Ambient Air Quality Standards, attainment is reached when, at each monitor, the three-year average of the annual fourth-highest daily maximum 8-hour average ozone concentration is less than 85 parts per billion (ppb).

** Not a full year of data. Current as of October 2010

Contact Information

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