

# **NORTH CENTRAL TEXAS ALTERNATIVE FUEL AND ADVANCED TECHNOLOGY INVESTMENTS**



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**North Central Texas Council of Governments**



**June 9, 2010**

**Project ID #  
ARRAVT057**



# OVERVIEW

## Timeline

- Start January 29, 2010
- End January 28, 2014
- Project ~15% Complete

## Budget

- Total Project \$39,378,756
- DOE Funds \$13,181,171
- Cost Share \$23,197,585
- 36% Federal / 64% Match

## Barriers

- 3<sup>rd</sup> Party Administration
- Timely Implementation
- Full Realization of Benefits

## Subrecipient Partners

- Local Governments
- School Districts
- Private Sector Companies
- International Airport
- Non-Profit Organization

# RELEVANCE: OBJECTIVES



**Increase the Use, Availability, and Awareness of Alternative Fuels and Advanced Technology Vehicles**

**Improve Air Quality By Reducing Criteria Pollutant and Greenhouse Gas Emissions**

**Reduce Petroleum Consumption and Energy Use**

**Create/Preserve Jobs and Stimulate Economic Recovery in Line with American Recovery and Investment Act Goals**

# APPROACH: MILESTONES

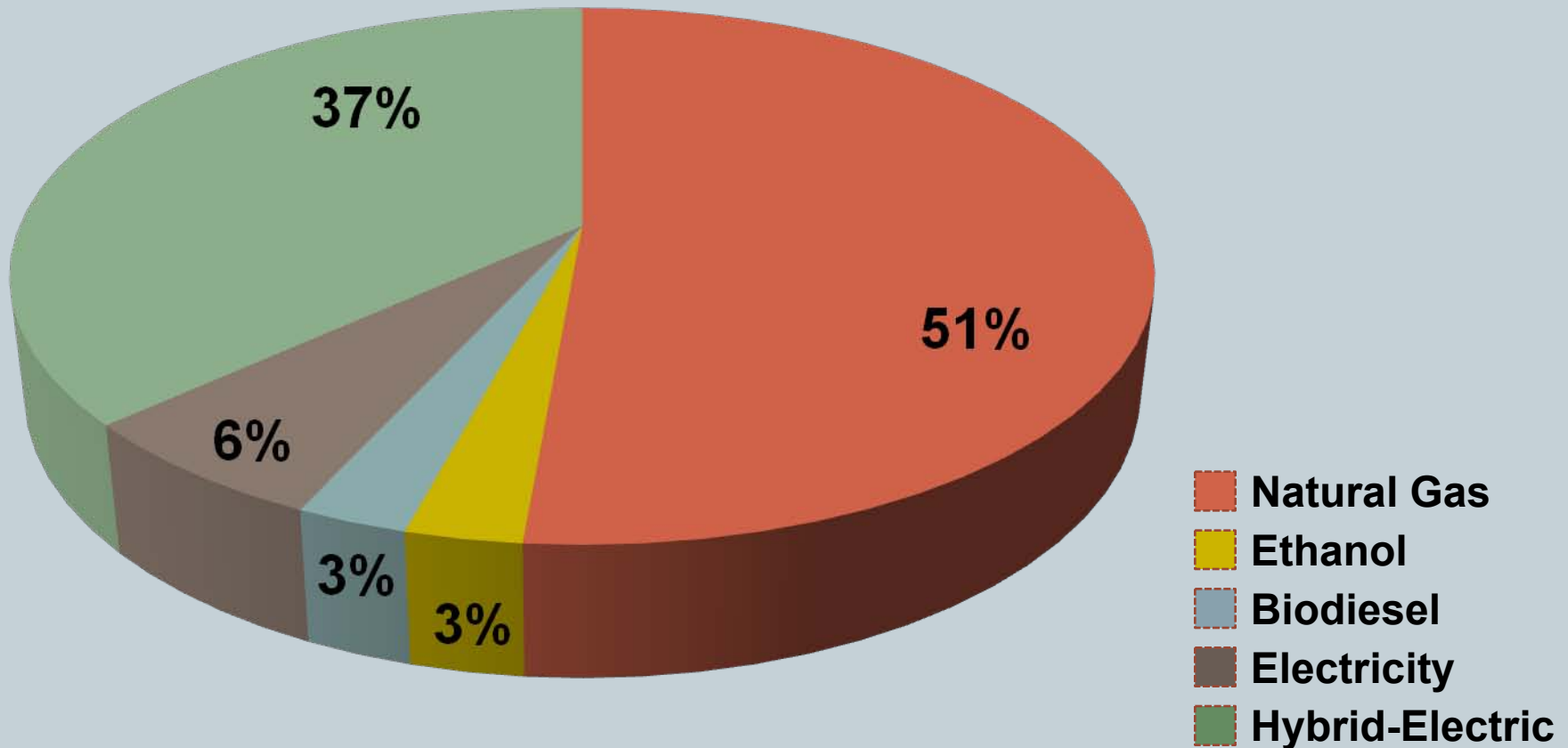


<b>November 2009</b>	<b>Pre-Award Authorization Received</b>
<b>March 2010</b>	<b>50% of Infrastructure Development Started</b>
<b>May 2010</b>	<b>100% of Subrecipient Agreements Executed 100% of NEPA Documentation Submitted/Reviewed</b>
<b>September 2010</b>	<b>50% of Vehicle Orders Completed</b>
<b>December 2010</b>	<b>50% of Vehicles Deployed 100% of Infrastructure Development Started 50% of Infrastructure Development Complete</b>
<b>March 2011</b>	<b>100% of Infrastructure Development Complete PAM Transport CNG Station Grand Opening</b>
<b>June 2011</b>	<b>100% of Vehicle Orders Completed</b>
<b>December 2011</b>	<b>100% of Vehicles Deployed</b>
<b>August 2012</b>	<b>City of Dallas CNG and Hybrid Training Complete</b>
<b>Throughout</b>	<b>NCTCOG and Subrecipient Marketing and Outreach</b>

# APPROACH: FUEL NEUTRAL



## Vehicle/Infrastructure Projects: Percent of Funding



# ACCOMPLISHMENTS

## Agreements Executed:

- 4 of 20 Subrecipients

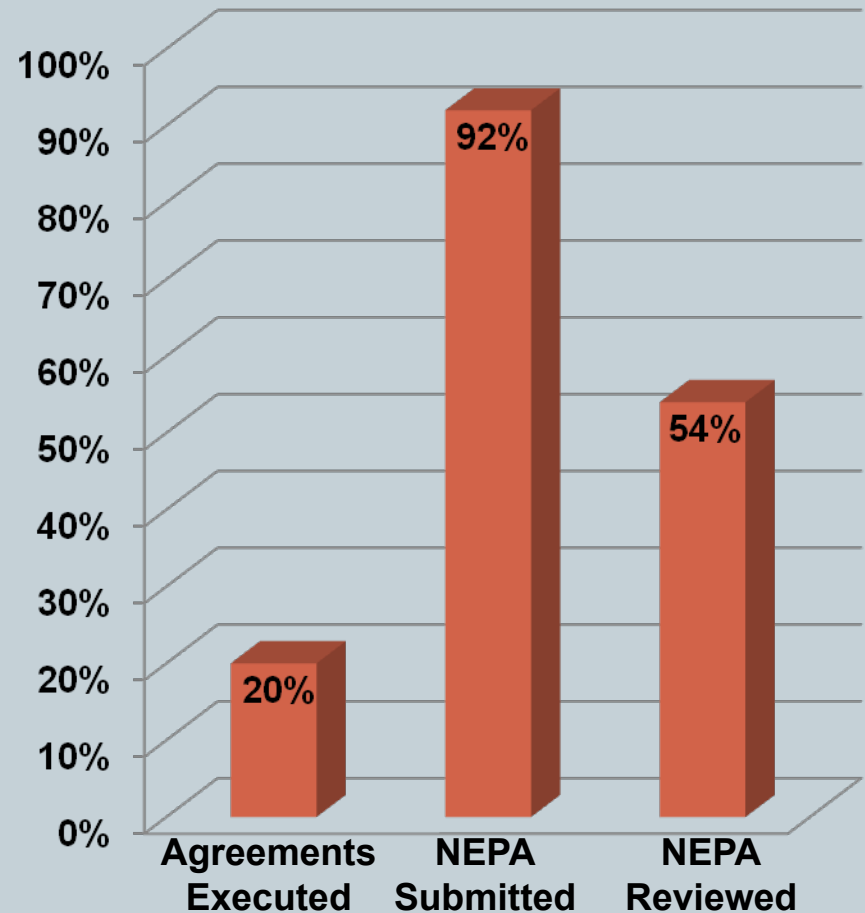
## NEPA Submitted:

- 10 of 11 Sites
- Vehicle Purchase/  
Conversion

## NEPA Reviewed:

- 6 of 11 Sites
- Vehicle Purchase

## Administrative Tasks



(As of April 30, 2010)

# ACCOMPLISHMENTS



## 373 Vehicle Projects Funded

- CNG, Electric, Hybrid

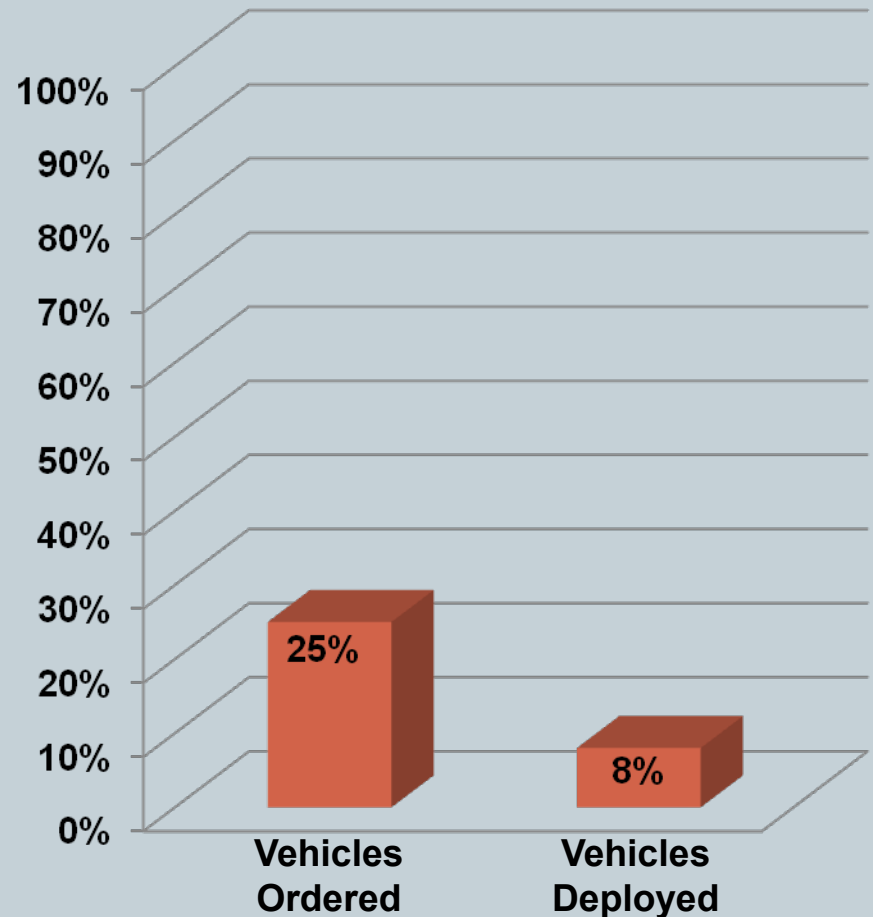
## Vehicles Deployed:

- 2 of 178 Light-Duty
- 28 of 195 Med-/Heavy-Duty

## Additional Vehicles Ordered to Date:

- 0 of 176 Light-Duty
- 93 of 167 Med-/Heavy-Duty

## Vehicle Projects



(As of April 30, 2010)

# ACCOMPLISHMENTS

## 11 Refueling Sites Funded

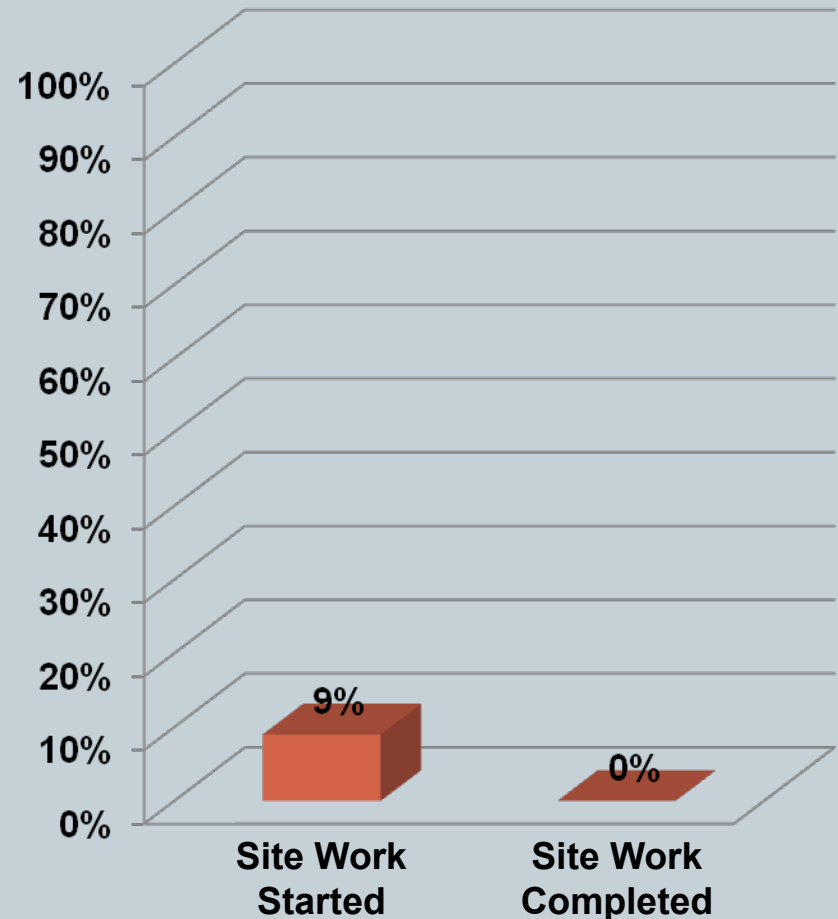
- CNG, Electric, Ethanol, Biodiesel

## Site Work Started:

- 1 of 11 Refueling Stations

4 Additional Sites currently in Design, Engineering, Permitting and Contracting Phases

## Infrastructure Projects



(As of April 30, 2010)



# ACCOMPLISHMENTS



## NCTCOG:

- Press Release
- Agency Publications
- Presentations
- Newspaper Articles

## Partners:

- Partner Web sites
- Fort Worth ISD Press Event
- Newspaper Articles

## Marketing and Outreach



# PROJECT PARTNERS



## **Private/Non-Profit (47% of DOE Funds)**

**Canteen Vending**  
**Coca-Cola Enterprises**  
**Frito-Lay North America, Inc.**  
**Gypsum Supply, Ltd.**  
**Highway of Hope**  
**Irving Holdings/Yellow Cab**  
**New Bern Transport Corp.**  
**Splash Transport, Inc.**  
**PAM Transport Inc.**

## **Public (53% of DOE Funds)**

**City of Dallas**  
**City of Denton**  
**City of Fort Worth**  
**City of Garland**  
**City of Lake Dallas**  
**City of Richardson**  
**City of Southlake**  
**DFW International Airport**  
**Fort Worth ISD**  
**Mansfield ISD**

# **FUTURE WORK (FY10-11)**



**Continue Administration and Oversight of Project**

**Complete NEPA Review of Funded Projects**

**Construct 100% of Infrastructure Projects**

**Deploy 90% of Vehicle Projects**

**Reallocate Any Unused Funds to Current Project Partners**

**Begin Development of CNG/Hybrid-Electric Training**

**Ramp Up Marketing/Outreach with Project Implementation**

# SUMMARY



**Project Enhances Air Quality, Reduces Petroleum Use, and Preserves/Creates Jobs**

**Project is Fuel Neutral and Facilitates Use of a Variety of Alternative Fuels and Advanced Technologies**

**Project Engages a Number of Public, Private, and Non-Profit Interests**

**Subrecipient Partnerships Remain Strong**

**Project is Currently On or Ahead of Schedule**