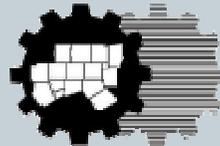


# **NORTH CENTRAL TEXAS ALTERNATIVE FUEL AND ADVANCED TECHNOLOGY INVESTMENTS**



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**North Central Texas Council of Governments**



**June 9, 2010**

**Project ID #  
ARRAVT057**



This presentation does not contain any proprietary, confidential, or otherwise restricted information

# 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

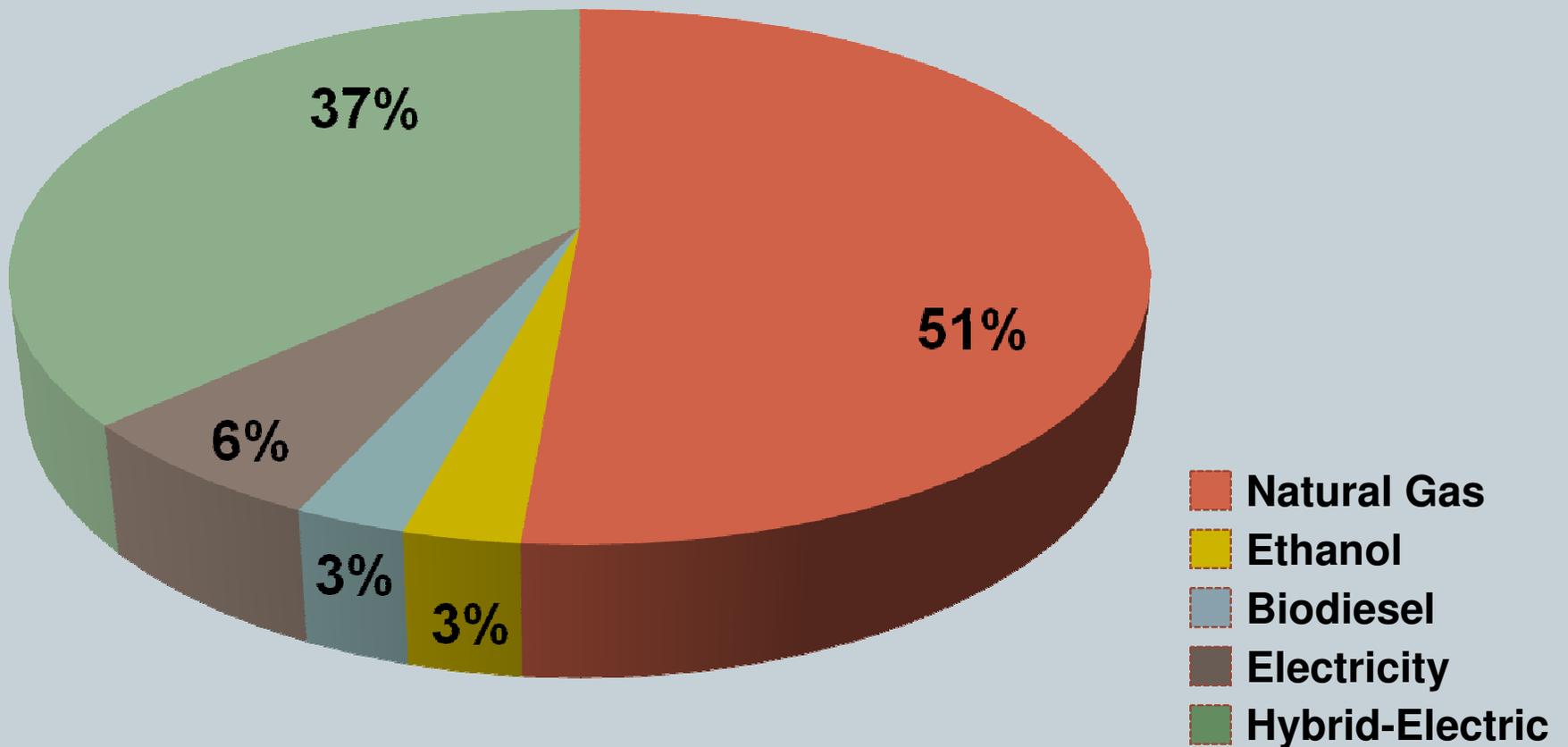


<b>November 2009</b>	<b>Pre-Award Authorization Received</b>
<b>March 2010</b>	<b>50% of Infrastructure Development Started</b>
<b>May 2010</b>	<b>100% of Subrecipient Agreements Executed 100% of NEPA Documentation Submitted/Reviewed</b>
<b>September 2010</b>	<b>50% of Vehicle Orders Completed</b>
<b>December 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

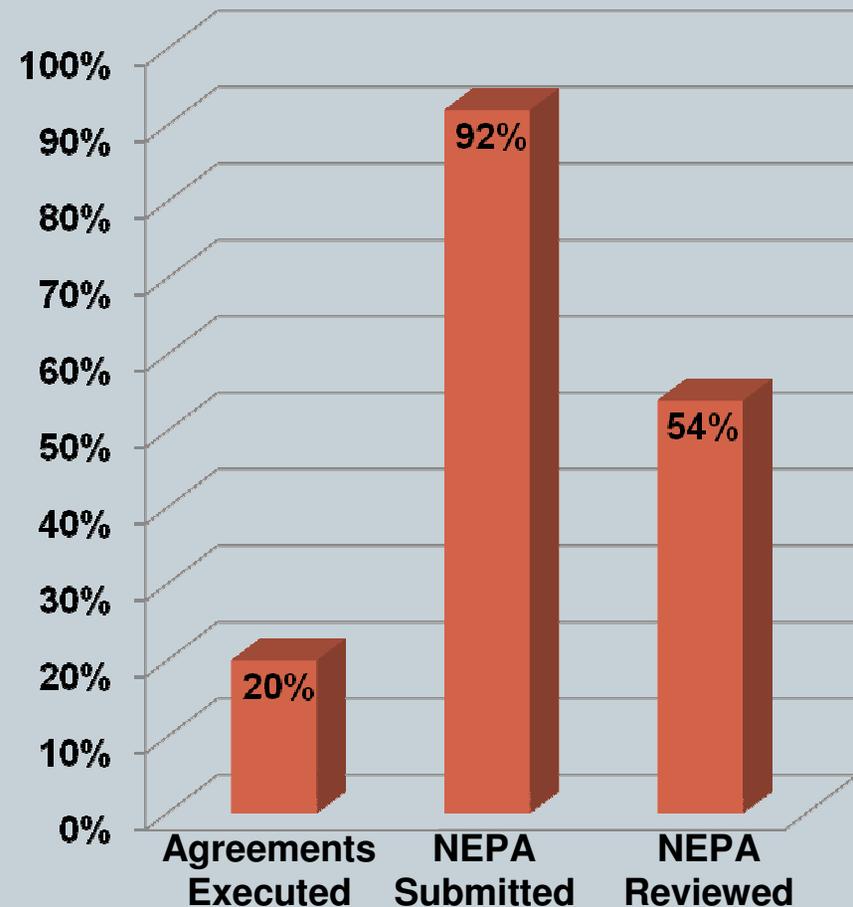
## NEPA Submitted:

- 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:

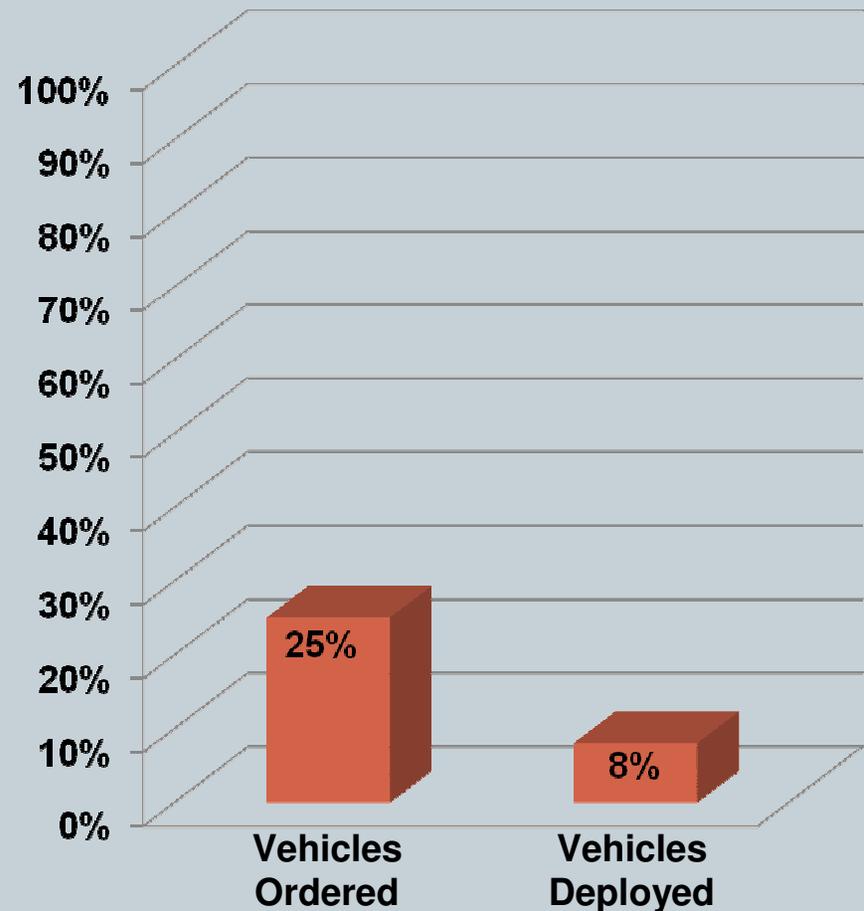
- 2 of 178 Light-Duty
- 28 of 195 Med-/Heavy-Duty

## Additional Vehicles Ordered to Date:

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

(As of April 30, 2010)

## Vehicle Projects



# ACCOMPLISHMENTS

## 11 Refueling Sites Funded

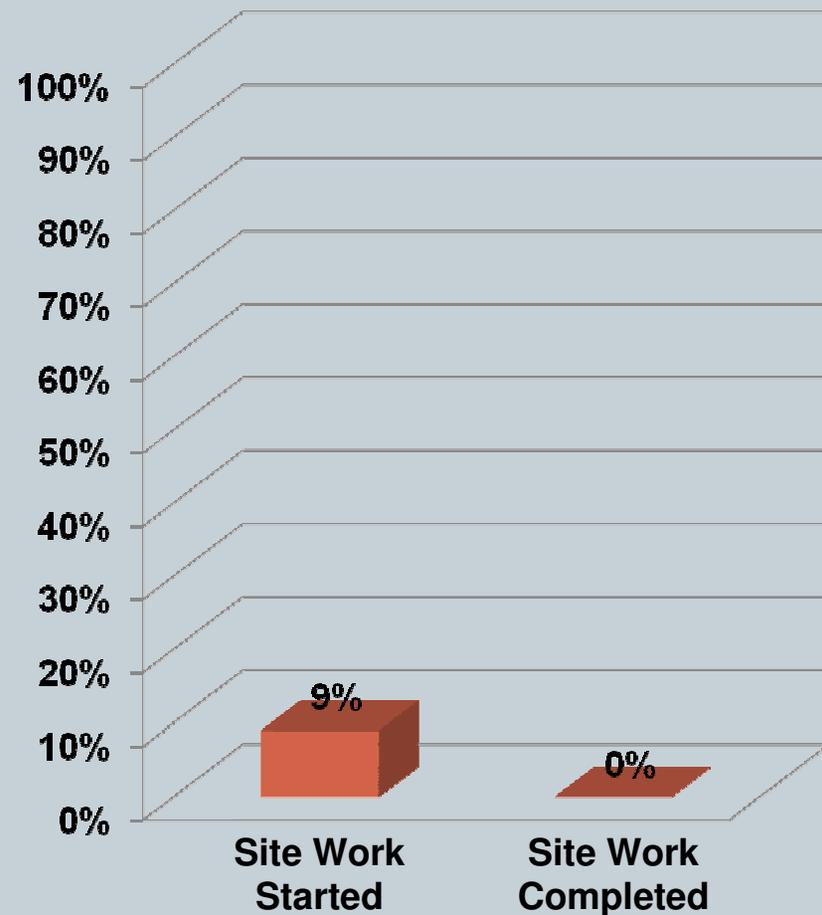
- CNG, Electric, Ethanol, Biodiesel

## 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



(As of April 30, 2010)

# 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**