

# Utah Clean Cities Transportation Sector Petroleum Reduction Technologies Program

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Utah Clean Cities Coalition

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Project ID #  
**ARRAVT043**

# Overview

## Timeline

Start: January 28, 2010

Finish: January 27, 2017

40% Percent complete

## Barriers

The current economic recession has caused a few private partners and small municipalities to have to be replaced.

## Budget

- Total project funding
  - DOE share:
    - \$14,906,648.00
  - Recipient share:
    - \$37,458,715.00

## Partners

The state of Utah and numerous universities, private companies, and municipalities are contributing vehicles or stations toward this project.

# *Objectives*

## FY09/10/11/12 Project: Utah Clean Cities Transportation Sector Petroleum Reduction Technologies Program

### Project Objective:

To reduce petroleum use in Utah by increasing the number of CNG, LNG, Hybrid, and biodiesel vehicles on the road, creating an I-15 corridor for alternative fuels, and helping in insure our fleets can don't have to sacrifice jobs in their efforts to go green.

# Anticipated public NGV sites after the grant

## NGV Station Map



# UCCC Milestones

Month/Year	Milestone
May 2010	75 % of the vehicle NEPA's have approval. 50% of the approval vehicle NEPA's have been ordered or purchased 80% of the infrastructure NEPA's have been approved 50% of the approved infrastructure is under construction
June 2010	100% of the sub-contract agreements signed
July 2010	100% of vehicle NEPA's approved
August 2010	25% of the vehicles are deployed and tracking fuel and mileage
September 2010	25% of the approved infrastructure is complete
October 2010	100%balance of the vehicle NEPA's have been ordered or purchased. 100%balance of the infrastructure NEPA's have been approved
January 2011	50% of infrastructure is complete
March 2011	50% of vehicles are deployed and tracking fuel and mileage
June 2011	100% of infrastructure is completed
July 2011	100% of the vehicles are deployed and tracking fuel and mileage 100% of trainings are complete 100% of outreach and education activities are complete

# *Technical Accomplishments*

- Sub-recipient agreements signed with 15 of partners
- NEPA documentation submitted for 80% of vehicles and stations
- Stations:
  - Semi- Service new public CNG station grand opening = May 14<sup>th</sup>
  - Upgrades completed to 6 State of Utah Station
  - Questar has broken ground on 5 new stations
  - Questar has upgraded 3 stations
  - Ground has been broken for 4 more stations
- Vehicles
  - Over 100 vehicles have been ordered
  - Over 30 vehicles have been deployed

# *Project Partners*

- CH4 Energy
- CP Fuels
- Go Natural Towing
- Jordan School District
- Ogden City
- Questar Gas Company
- Robinson Waste
- Salt Lake City
- Semi Service Inc
- State of Utah
- St. George Express
- Sysco
- University of Utah
- Utah State University
- Utah Transit Authority
- Wasatch CNG
- Washakie Renewables
- Washington City
- Zion National Park

# *Future Work*

- The first LCNG station in Utah will open at the end of the summer, with the ground breaking for 2 more by the end of the year.
- The first LNG Class 6-8 tractor trailers in Utah will be ordered by the end of summer.
- New CNG stations will be opened throughout the state, including a crucial station on I-70 to connect Utah and Colorado.
- A new biodiesel station will open.
- More stations grand openings and vehicle unveilings will be held.
- Educational and media campaigns will begin
- Signage will be created to advertise alternative fuels on the highways in Utah for the first time



# *Summary*

- This project will create more public attention in Utah than ever before.
- Over 20 new public alternative fuel stations and over 20 upgrades to public CNG stations will occur throughout the state.
- Over 600 new natural gas vehicles will be deployed in Utah.
- Over 100 jobs will be created or retained.