



Carolina Blue Skies & Green Jobs Initiative

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Triangle Clean Cities Coalition

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Project ID #

DE-EE-0002491

ARRAVT064

Overview

Timeline

- Program Start: May 2010
- Program End: April 2014
- 0% Complete (as of May 5th)

Budget

- Total project funding:
\$31,513,885
 - DOE share: \$12,004,175
 - Recipient share: \$19,509,710

Barriers

- Availability of vehicles (some vehicle orders may have a long lead time)
- Alt fuel use in retail stations dependent on gasoline prices
- Budgetary timing & business decisions

Partners

- Five investigative leads: Triangle, Centralina, Land-Of-Sky, Palmetto State, and NC Solar Center
- Over 40 private, public, & university project partners in North and South Carolina

Program Objective

*The **Carolina Blue Skies & Green Jobs Initiative** is a bi-state effort to create and retain green collar jobs & reduce dependence on foreign oil by increasing availability and use of alternative fuels in North and South Carolina.*

The Program will simultaneously deploy alternative fuel/advanced technology vehicles and alternative fuel infrastructure in both public and private sectors.

Program Approach

- Phase I: Project Implementation
 - Subawards/Contracts
 - Vehicle Purchase
 - Infrastructure Installation
- Phase II: Education & Outreach
 - Marketing: Materials & Website
 - Training
 - Workshops
 - Drive Clean & Green Tour
- Phase III: Data Collection
 - Website with secure login
 - Reporting for at least 2 years



Milestones

Project Management	Projected Date
<u>Milestone 1.1</u> : All subcontract agreements with project partners are finalized.	June 2010
<u>Milestone 1.2</u> : Revised PMP finalized.	June 2010
<u>Milestone 1.3</u> : All NEPA submitted and approved.	Dec 2010
Vehicles (Task 2) & Infrastructure	
<u>Milestone 2.1 & 3.1</u> : 50% of vehicles & infrastructure deployed	April 2011
<u>Milestone 2.2 & 3.2</u> : 100% of vehicles & infrastructure deployed	April 2012
Training	
<u>Milestone 4.1</u> : 50% of training to applicable audiences completed	October 2011
<u>Milestone 4.2</u> : 100% of training to applicable audiences completed	October 2012
Marketing & Outreach	
<u>Milestone 5.1</u> : Conduct first 2 workshops, complete all templates for brochures, fact sheets, and other marketing materials	April 2013
<u>Milestone 5.2</u> : Conduct remaining workshops, complete Drive Clean & Green Tour	April 2014

Technical Accomplishments and Progress

As of May 5, 2010, we have not received a fully executed financial assistance agreement. Triangle Clean Cities will report accomplishments and progress at a later date.

Collaborations/Partnerships

- Investigative Leads
 - Provide technical and administrative support to primary lead
 - Organize & participate in training activities
 - Serve as liaison to project partners in respective regions
 - Serve on Program Committee



Collaborations/Partnerships

- Piedmont Biofuels
- Carolina Biodiesel
- Chatham County
- Orange County
- Wake County
- Triangle Transit Authority/Blossman
- City of Fayetteville
- Town of Knightdale
- Advanced Energy
- City of Raleigh
- Durham City & County/Protec Fuels
- Public Service of NC
- Anderson County
- City of Greenville
- City of Rock Hill
- International Mobile Equipment Co.
- M&M Oil and Propane
- Midlands Biofuels
- OM Biofuels LLC
- City of Hendersonville
- Biltmore Company (Estate)
- Mission Hospital System
- City of Asheville
- City of Winston-Salem
- Pike Electric
- City of Greensboro
- City of Rocky Mount
- Guilford County
- Town of Cornelius
- City of Charlotte
- Duke Energy
- Time Warner Cable/Roush
- Monroe Oil
- God Bless America
- ALSCO
- Palmetto Gas
- Plug In Carolina
- Spinx Company
- University of South Carolina

Future Work: FY 2010-2011

- Fully execute contract between DOE and Triangle J Council of Governments (legal agency of Triangle Clean Cities Coalition)
- Execute subawards with investigative leads and project partners
- Research potential project management firms to handle reporting requirements
- Hold kick-off meeting with DOE Program Manager
- Hold press event with project partners
- Submit remaining NEPA for approval
- Proceed with Environmental Assessment for Wake County infrastructure project
- Begin preparing training materials
- Consult on vehicle purchases and infrastructure projects as needed
- Organize monthly calls with investigative leads

Program Summary

- The Carolina Blue Skies & Green Jobs Initiative is *projected* to:
 - Create/retain over 120 jobs from ARRA funds using current ARRA methodology
 - Displace over 0.7 million gallons per year of gasoline

