

# Greater Long Island Clean Cities Coalition

## 5 Year Annual Operating Plan

### I. CLEAN CITIES GOALS AND OBJECTIVES

#### A. Introduction and Background

The United States Department of Energy Clean Cities program is a voluntary, public-private initiative to expand the awareness and use of alternatives to gasoline and diesel fuel. The Greater Long Island Clean Cities Coalition was designated as the 51<sup>st</sup> Clean Cities Coalition in the country in 1996 and is working towards being redesignated as a Clean Cities Coalition for the next five years.

In its 14-year history, the Greater Long Island Clean Cities Coalition has worked collaboratively with government and private fleets to develop a vision for the increased use of alternative fuels and to successfully implement Alternative Fuel Vehicle (AFV) projects and develop alternative fuel infrastructure. The Coalition has been instrumental in securing close to \$10 million in grant funding, including the federally funded Congestion Mitigation and Air Quality (CMAQ) program, as well as the State Energy Program to help facilitate alternative fuel projects. The Coalition has also received U.S. Department of Energy “Clean Cities FY09 Petroleum Reduction Technologies Project for the Transportation Sector” in the amount of \$14,994,183.00 This funding is apart of the American Recovery Reinvestment Act

Over the next year, the stakeholders of the Long Island Coalition will work to implement this program plan by purchasing AFVs, converting existing vehicles to alternative fuel, developing alternative fuel infrastructure, committing to use alternative fuels, implementing education programs, advocating for legislative changes and incentives and fostering a community desire to achieve a high quality of life for Long Island.

**B. Clean Cities Mission and Goals:** To achieve energy independence by reducing the need for foreign fuels, to reduce emissions through the use of alternative fuel vehicles and alternative fuels as defined by both the Energy Policy Act and the Clean Air Act; and to promote economic growth by developing the alternative fuel marketplace. The following are the goals of the Coalition:

Reduce dependence on foreign fuels. Promote the use of heavy-duty and light-duty alternative fuel vehicles in both public and private fleets in order to reduce dependence on petroleum-based fuels and to ensure that there is public fueling infrastructure in place to support these vehicles.

Reduce emissions and improve air quality. Reduce emissions through the use of alternative fuels as defined by EPA Act and the Clean Air Act. This includes promoting new cutting edge technologies, such as idle reduction, that will enhance air quality through the use of cleaner burning fuels (such as CNG, biodiesel, and grain based alcohols), cleaner burning engines heavy-duty Plug-in hybrid vehicles and other innovations that will enhance air quality.

Increase fuel production in local areas. Work with local economic development offices to help create biofuel production facilities in our ozone non-attainment area. This will cut down fuel cost and add to the local economy.

Increase public outreach and education. Increase public outreach and education about alternative fuels and other new technologies to achieve energy independence, reduce emissions and promote economic development. Work with other like-minded groups and establish media contacts.

Support alternative fuel legislation and policies. Work with county, state and federal governments to support legislation to promote and support alternative fuel programs as consistent with Not-For-Profit law and U.S. DOE guidelines.

Secure funding. Work with all various funding sources to secure funding for alternative fuel programs, vehicles and new energy efficient technologies.

**C. Grant Programs**

The Greater Long Island Clean Cities Coalition has been very successful in securing and administering grant programs for its stakeholders.

The Coalition has secured close to \$10 million in funding under the Congestion Mitigation and Air Quality (CMAQ) grant program and has made successful awards to numerous organizations including (As of October 1, 2006):

The Incorporated Village of Hempstead  
Nassau County  
Oyster Bay Water District  
Suffolk County Water Authority  
Town of North Hempstead  
Town of Oyster Bay  
Town of Brookhaven  
Town of Huntington  
Long Island Power Authority  
Arrow Security  
Manhattan Beer LLC  
KeySpan Energy Delivery  
All Island Transportation  
Air & Gas Technology  
Brookhaven National Laboratory  
Long Beach School District  
Middle Country Central School District

The funding under the American Recovery Reinvestment Act (ARRA) grant program and has made successful awards to numerous organizations including (As of December 31, 2009):

Suffolk County  
Town of Hempstead  
Town of Oyster Bay  
Town of Huntington  
Village of East Rockaway  
V. Garofalo & Sons Carting  
National Grid  
Engineered Energy Solutions  
Rides Unlimited of Nassau/ Suffolk

The Coalition has also worked closely with both the New York State Energy Research and Development Authority (NYSERDA) and the U.S. Department of Energy (DOE) to secure funding for stakeholders under their former State Energy Program (SEP) and will continue to do so with their current programs.

**Greater Long Island Clean Cities Coalition  
5 Year Annual Operating Plan  
Goals & Objectives**

***Goal # 1: Promote the use of all alternative fuel vehicles in both public and private fleets in order to reduce dependence on petroleum-based fuels and to ensure that there is infrastructure to support these vehicles.***

<b>Light and Heavy-Duty Alternative Fuel Vehicles</b>	
<b>Objective</b>	<b>Time Frame</b>
a) Promote the use of light and heavy-duty AFVs by identifying and meeting with key Long Island fleets who are not currently utilizing AFVs/ alternative fuels.	2007-2012 on-going
b) Hold an annual Alternative Fuel Vehicle Conference in the Fall in order to inform people of advancements in the AFV market	2007-2012 One held each year
c) Hold quarterly meetings a of Market Development Subcommittee to involve stakeholders in the promotion of Alternative Fuels and the industries surrounding them	2007-2012 on-going
d) Continually apply for and administer federally funded CMAQ and Federal Grant program to increase the usage of Alternative Fuel vehicles and fueling infrastructure in our ozone non-attainment region	2007-2012 on-going
e) Work more closely with Equipment Manufacturers to coordinate needs and requirements of stakeholders	2007-2012 on-going
f) Survey Stakeholders on a yearly Basis to see what direction and projects they would like to see us undertake	2007-2012 on-going
g) Work to create a Alternative Fueling Station corridor on the Long Island Expressway though out the Long Island region	2007-2012 on-going

***Goal # 2: Reduce emissions through the use of alternative fuels as defined by EPCa and the Clean Air Act. This includes promoting new cutting edge technologies that will enhance air quality through the use of cleaner burning fuels, cleaner burning engines, heavy duty Plug-in hybrid vehicles and other innovations that will enhance air quality.***

<b>Reduce Emissions</b>	
<b>Objective</b>	<b>Time Frame</b>
a) Work to strengthen and expand the School Bus Market for Alternative Fuel Vehicles	2007-2012 on-going
b) Work to strengthen and expand the Refuse market for Alternative Fuel vehicles	2007-2012 on-going
c) Work to strengthen and expand the taxis fleet market for alternative fuel vehicles	2007-2012 on-going
d) Work to strengthen and expand the delivery fleet market for alternative fuel vehicles	2007-2012 on-going
e) Work to develop the landscape vehicle market for alternative fuel vehicles	2007-2012 on-going
f) Work with state and federal funding agencies to provide tax incentives for the of AFVs	2007-2012 on-going
g) Research the use and benefits of using Alternative fuels, All Clean Air Act defined fuel to identify benefits for emissions reductions	2007-2012 on-going
h) Have quarterly meetings of the Education and Outreach Sub-committee to involve stakeholders in reducing emissions strategies and reaching out to the public	2007-2012 on-going
i) Hold quarterly meetings of Market Development Sub-committee to expand and promote the coalition.	2007-2012 on-going

***Goal # 3: Increase fuel production in local areas. Work with local economic development offices (through legislative support and promotion) to help create fuel production facilities in our area. This will cut down fuel cost and add to the local economy.***

<b>Infrastructure</b>	
<b>Objective</b>	<b>Time Frame</b>
a) Work to develop a electric and all alternative fuel production Corridor that would cover at least 50% of our current fuel needs	2007-2012 on-going
b) Work to develop other public-private partnerships to facilitate the development and siting of alternative fuel production	2007-2012 on-going

***Goal # 4: Increase public outreach and education about alternative fuels and other new technologies to achieve energy independence, reduce emissions and promote economic development. Working with other like-minded groups and establishing media contacts.***

<b>Public Outreach and Education</b>	
<b>Objectives</b>	<b>Time Frame</b>
a) Hold an Annual Advance the Choice event to promote the alternative fuels, vehicles and new technologies advances	2007-2012 annually each Fall
b) Publish four newsletters each year to Disseminate information about AFV marketplace to stakeholders and industry partners	2007-2012
c) Maintain and update coalition website <a href="http://www.gliccc.org">www.gliccc.org</a> .	2007-2012 with on-going updates
d) Create a Coalition brochure to tie in With the image created in the Newsletter & Web site Update "AFV pocket guide" with Frequently Asked Questions to be a companion piece to the new coalition brochure	2007-2012
e) Involve previous funding award winners as spokespeople for the Clean Cities & GLICCC programs and the benefits of AFVs	2007-2012 on-going
f) Target major companies and institutions on Long Island to make presentations regarding the benefits of utilizing AFVs and emission reduction technologies.	2007-2012
g) Work with school districts and other public institutions regarding the benefits of using AFVs.	2007-2012

h) Support other organizations with similar goals	2007-2012
i) Work with various agencies to promote the use of and increase acceptance of idle reduction laws and benefits of adopting practices	2007-2012
j) Work with local news organizations and cable stations to establish on going relationships	2007-2012
k) Hold Stakeholder Development sub-committee meetings are least twice per year	2007-2012 on-going

***Goal # 5: Support alternative fuel legislation and policies. Work with county, state and federal governments to support legislation and to promote and support alternative fuel programs as consistent with Not-For-Profit law and U.S. DOE guidelines.***

<b>Legislation &amp; Policy</b>	
<b>Objective</b>	<b>Time Frame</b>
a) Continue to Work to provide tax incentives or rebates for the purchase and use of AFVs and EPA approved fuels.	2007-2012 on-going
b) Work with the New York State Energy Research and Development Authority to develop public/ private partnerships throughout Long Island, to administer funding programs and to promote new projects	2007-2012 on-going
c) Support continued increases in funding of the U.S. DOE Clean Cities program	2007-2012 on-going
d) Support legislation to allow all AFVs in the HOV lane. Completed That reduce emissions by X % or get at least 50 mpg (gge)	2007-2012 on-going
e) Support the continued roll out of “green parking” which until completed would allow free parking or discounted rates for those who drive AFVs in all townships, and electric charging stations.	2007-2012 on-going
f) Integrate AFV projects with on-going travel demand management programs	2007-2012 on-going
g) Work to develop an Air Quality Management District (AQMD) to organize and leverage funds for air quality issues	2007-2012
h) Have at least four meetings a year of the Legislative Sub-Committee in order to discuss setting legislative and policy change agenda and enacting changes	2007-2012
i) Work with an support organization which promote use of public transportation and ride-sharing such as LITM, Nassau MTA LU Bus and Suffolk County Bus	2007-2012

**Goal # 6: Work with all various funding sources to secure funding for alternative fuel programs, vehicles and new energy efficient technologies.**

<b>Funding</b>	
<b>Objective</b>	<b>Time Frame</b>
a) Work with various funding sources in order to create programs that will offset the incremental costs of AFVs.	2007-2012
b) Work with various funding sources to create on going educational programs including funding our current seminar series	2007-2012
c) Continue to research other funding opportunities	2007-2012 on-going
d) Continue to secure funds in order to support the day-to-day operations of the Coalition, provide resources for the coordinator and to help make the Coalition a self-sustaining organization	2007-2012 on-going

**Goal #7: Travel Plans, Meetings, Training, Conferences**

<b>Travel Plans/ Conferences, Meetings Training Attendance</b>	
<b>Objective</b>	<b>Time Frame</b>
a) Participate in all DOE conferences, workshops, training, peer exchange, and retreat	2007-2012
b) Participate in OEM, and other AFV conferences, workshops, events, and training	2007-2012