

Greater Long Island Clean Cities Coalition

Program 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 51st Clean Cities Coalition in the country in 1996 and is working towards being redesignated as a Clean Cities Coalition for the next five years.

Over the last five years, 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 over \$2 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.

Over the next five years, 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 foreign fuels.

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 technologies that will enhance air quality through the use of cleaner burning fuels, particulate traps, hybrid vehicles and other innovations that will enhance air quality.

Develop publicly accessible alternative fueling infrastructure. Promote the development and use of publicly accessible alternative fueling infrastructure through collaborations with the state and federal agencies, as well as through public and private partnerships.

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.

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 over \$2.5 million in funding under the Congestion Mitigation and Air Quality (CMAQ) grant program and has made successful awards to the following organizations (As of October 1, 2001):

- The Incorporated Village of Hempstead
- Nassau County
- Oyster Bay Water District
- Plainview Water District
- Town of North Hempstead
- Town of Oyster Bay
- Long Island Power Authority
- Arrow Security
- Kingdom/Colonial
- Valley Stream
- Brookhaven National Laboratory
- Fleetwash
- Long Beach School District
- The Rinx

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 the State Energy Program (SEP).

**Greater Long Island Clean Cities Coalition
Five-Year Implementation Plan
Goals & Objectives**

Goal # 1: Promote the use of heavy-duty and light-duty alternative fuel vehicles in both public and private fleets in order to reduce dependence on foreign fuels.

Objective	Time Frame
Light and Heavy-Duty Alternative Fuel Vehicles	
Promote the use of light and heavy-duty AFVs by identifying and meeting with key Long Island companies and institutions who are not currently utilizing AFVs.	2002-2007 on-going
Hold an annual Alternative Fuel Vehicle Clinic in the Fall in order to inform people of AFV choices that are available to them.	2002-2007 one held each year.
Have at least two meetings a year of Market Development Sub-committee to involve stakeholders in the promotion of light and heavy-duty vehicles.	2002-2007 on-going
Continually apply for and administer federally funded CMAQ program to help off-set the incremental costs of light and heavy-duty AFV purchases.	2002-2007 on-going
Develop Liquefied Natural Gas (LNG) demonstration program which will test the effectiveness of utilizing LNG in heavy-duty trucks.	2003-2007 or until completion
Work more closely with Original Equipment Manufacturers (OEM's) to coordinate supply and order cycles of AFVs.	2002-2007, on-going

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Goal # 2: Reduce emissions through the use of alternative fuels as defined by EPAct and the Clean Air Act. This includes promoting new technologies that will enhance air quality through the use of cleaner burning fuels, particulate traps, hybrid vehicles and other innovations that will enhance air quality.

Objective	Time Frame
Reduce Emissions	
Work to strengthen and expand the Compressed Natural Gas (CNG) Marketplace for on-road vehicles on Long Island	2002-2007, on-going
Work to strengthen and expand the electric marketplace for on-road vehicles on Long Island	2002-2007, on-going
Work to develop an ethanol marketplace for on-road vehicles on Long Island.	2002-2007, on-going
Work to develop a propane marketplace for on-road vehicles on Long Island.	2002-2007, on-going
Work to develop a biodiesel marketplace for on-road vehicles on Long Island.	2002-2007, on-going
Work to develop an LNG marketplace For on-road vehicles on Long Island.	2002-2007, on-going
Work with state and federal funding agencies to provide tax incentives for the purchase of hybrids.	2002-2007, on-going
Research the use and benefits of using Ultra Low Sulfur Diesel (ULSD), a Clean Air Act defined fuel in conjunction with particulate traps to identify benefits for emissions reductions.	2002-2007, on-going
Have at least two meetings a year of the Air Quality Information & Education Sub-committee to involve stakeholders in reducing emissions strategies.	2002-2007, on-gong

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Goal # 3: Promote the development and use of publicly accessible alternative fueling infrastructure through collaborations with state and federal agencies, as well as through public and private partnerships.

Objective	Time Frame
Infrastructure	
Work with appropriate stakeholder organizations and other interested parties	2002-2007, on-going
to develop publicly accessible alternative fuel infrastructure.	
Work to develop other public-private partnerships to facilitate the development	2002-2007, on-going
and siting of alternative fuel infrastructure.	

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Goal # 4: Increase public outreach and education about alternative fuels and other new technologies to achieve energy independence, reduce emissions and promote economic development.

Objectives	Time Frame
Public Outreach and Education	
Hold an Annual Advance the Choice event to promote the use of alternative fuels, vehicles and new technologies.	2002, and annually each Fall
Publish two newsletters each year to disseminate information about AFVs.	2002, on-going, Spring and Fall
Launch, maintain and update a website for the Long Island Clean Cities Coalition.	2002, with on-going updates
Publish an "AFV pocket guide" of information and Frequently Asked Questions with answers.	2002, with on-going updates
Involve previous funding award winners as spokes-persons for Clean Cities programs and the benefits of AFVs.	2002-2007, on-going
Target major companies and institutions on Long Island and make presentations to them regarding the benefits of utilizing AFVs and other emission reduction technologies.	2002-2004, or until completed
Work with school districts and other public institutions to make presentations regarding the benefits of using AFVs.	2002-2007, on-going
Support other organizations with similar goals	2002-2007, on-going
Work with various agencies to promote the use of and increase ridership on public transportation	2002-2007, on-going
Work with local news organizations and cable stations to do outreach.	2002-2007, on-going

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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.

Objective	Time Frame
Legislation & Policy	
Reduce or eliminate the gross receipts tax on alternative fuels.	2002-until completed
Work to provide tax incentives or rebates for the purchase and use of AFVs, hybrids and both EPAAct and Clean Air Act fuels.	2002-until completed
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	2002-2007, on-going.
Work with the Environmental Business Association of New York State to extend and increase tax credits in NY.	2002-2007, on-going.
Support continued increases in funding of the U.S. DOE Clean Cities program.	2002-2007, on-going.
Support passage of the federal CLEAR ACT	2002-until completed
Support passage of the New York State Clean Car Bill	2002-until completed
Support legislation to allow AFVs in the HOV lane.	2002-until completed
Support the development of “green parking” which would allow free parking or discounted rates for those who drive AFVs.	2002-until completed
Integrate AFV projects with on-going travel demand management programs.	2002-until completed
Work to develop an Air Quality Management District (AQMD) to organize and leverage funds for air quality issues	2002-until completed
Have at least two meetings a year of the Legislative Sub-Committee in order to discuss achieving legislative and policy changes.	2002-2007, on-going

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

Objective	Time Frame
Funding	
Work with various funding sources in order to cover operational costs of AFVs.	2002- until completed
Work with various funding sources in order to cover off-road projects.	2002-until completed
Continue to research other funding opportunities.	2002-2007, on-going
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.	2002-2007, on-going