



Informational Package

www.floridagoldcoastcleancities.com





What is the Gold Coast Clean Cities Coalition?

The Gold Coast Clean Cities Coalition (GCCC) is one of the 90 officially-designated Clean Cities Coalitions around the country. The Coalition was created in 1993 by Executive Order of the Governor and designation of the U.S. Department of Energy as part of the program to reduce America's dependence on imported oil. The Clean Cities Coalitions, collective goal, nationwide, is to reduce this country's import needs by one million barrel of oil per day by the year 2020.

The Coalition is a regional public/private partnership composed of local government representatives, federal and state agencies, and private sector representatives concerned with alternative fuel programs. The Coalition's role is to provide fuel neutral policy direction and guidance to make a difference in South Florida's environment and reduce its dependence on petroleum. The Coalition provides many opportunities to participate including public educational and outreach events.

Our Vision

To help South Florida and the rest of the United States deploy alternative fuels and advanced technology vehicles. These efforts are the focus on protecting our national economy, national defense and our climate while reducing this country's petroleum usage and the world's emission of greenhouse gases.

Our Mission

To reduce our dependence on imported oil and improve the environment by creating a sustainable alternative fuel market through the support and promotion of clean fuels.

Our Goals

- To increase the acquisition and use of alternative fuel vehicles;
- To develop alternative fuel infrastructure;
- To contribute to economic development through the support of alternative fuel industry;
- To promote the benefits of using alternative fuel vehicles; and
- To gain legislative support and funding for alternative fuel vehicle programs.





Join the Gold Coast Clean Cities Coalition

To achieve the noble aim, we must think globally and work locally. The Coalition provides you many opportunities to participate and make a difference in South Florida. Consider making choices that will reduce your dependence on petroleum fuels. If you are not prepared to purchase an alternative fuel vehicle, you can assist with public education and special events. Lay the ground work for a cleaner and more secure future. Join the GCCC coalition of governments, private organizations, and individuals by submitting your membership application.

Emerald Sponsor

- Business Development and Grant Application assistance
- Discount on booths at events
- Entity name sponsorship at official Gold Coast Clean Cities events
- GCCC door decal
- GCCC logo for your web site
- Grant notification alerts
- Industry information updates
- Networking opportunities
- Membership directory listing
- *SE Forward Fuels Fix* quarterly e-magazine
- Web site sponsor on Clean Cities web site banner

Government

- Discount on booths at events
- GCCC door decal
- GCCC logo for your web site
- Grant notification alerts
- Industry information updates
- Networking opportunities
- Membership directory listing
- *SE Forward Fuels Fix* quarterly e-magazine

Private Sector and Non-profits

- Discount on booths at events
- GCCC door decal
- GCCC logo for your web site
- Grant notification alerts
- Industry information updates
- Networking opportunities
- Membership directory listing
- *SE Forward Fuels Fix* quarterly e-magazine

Schools

- Community service opportunities
- Grant notification alerts
- GCCC door decal
- GCCC logo for your web site
- Industry information updates
- Internship opportunities
- Junior Clean Cities program
- *SE Forward Fuels Fix* quarterly e-magazine

Students

- *SE Forward Fuels Fix* quarterly e-magazine
- Community service opportunities
- Internship opportunities
- Networking opportunities



E-magazine published in collaborative effort of all the U.S. Department of Energy Clean Cities Program coordinators in the Southeastern United States.



Advancing the Use of Alternative Fuels in South Florida

The Florida Energy and Climate Commission awards Compressed Natural Gas Fleet Fueling Grants

On February 26, 2010, the Florida Energy and Climate Commissions awarded funds under the Compressed Natural Gas Fleet Fueling Grant for three Compressed Natural Gas (CNG) fleet fueling projects in Broward County, and the cities of Hollywood and Opa-Locka. The projects funded through the grant totaling \$2,534,479 will:

1. Revitalize and upgrade Broward County's CNG infrastructure.
2. Renovate the City of Hollywood's CNG facility.
3. Build a CNG facility for Choice Environmental Services of Miami in Opa-Locka.

South Florida is ready for a Public Access Compressed Natural Gas Station

South Florida based company and Gold Coast Clean Cities member, Wise Gas, opened Florida's first public access Compressed Natural Gas CNG Station on July 8, 2010. The fast-fuel CNG Station is located at 650 NW 27th Avenue in Fort Lauderdale between Sunrise Boulevard and Broward Boulevard, half mile west of I-95, will be operational 24 hours a day, 7 days a week. It is incorporating a back-up generator program to ensure that the station can function in the event of power loss or a storm.

South Florida Regional Transportation Authority (SFRTA)

The South Florida Regional Transportation Authority (SFRTA) now uses light emitting diode (LED) lighting at certain stations. These lights present many advantages over traditional lighting, including longer lifetime and lower energy consumption. Currently, LED lighting has been installed at the West Palm Beach, Lake Worth and Cypress Creek Tri-Rail Stations. LED lighting will also be installed as a part of the new parking structure at the Fort Lauderdale-Hollywood International Airport Station at Dania Beach. Opportunities to use these lights at additional stations are being identified.

In October 2008, the SFRTA announced its transition to biodiesel fuels. The fuel consists of palm or soy, depending on availability, and is used on all of Tri-Rail's traditional locomotives. The Diesel Multiple Units will continue to run on traditional diesel, due to warranty restrictions.

In April 2009, the SFRTA completed its Tri-Rail Locomotive Replacement Analysis. This study made recommendations for the refurbishment and replacement of Tri-Rail's locomotives, finding that the majority of the existing fleet is in need of replacement. Such replacements will also provide an opportunity to improve Tri-Rail's fuel economy and reduce emissions.



First Compressed Natural Gas (CNG) Station in Florida.



Since 2008 Tri-Rail began powering locomotives with 99 percent pure Biodiesel.



What Can I Do?

To help preserve the environment and reduce our dependence on imported oil you can:

- Get involved with programs promoting alternative fuels and alternative fuel vehicles.
- Avoid unnecessary use of your cars and trucks.
- Stop using plastic water bottles and disposable plastic grocery bags.
- Carpool or use public transportation.
- Buy plastic-free products.
- Drive (rent or buy) hybrid and flex fuel vehicles, since they consume less petroleum gasoline and emit less pollutants.
- Ride your bike or walk whenever possible.
- Recycle plastic as much as possible, since recycling helps reducing the production of new oil-based products.
- Avoid using Styrofoam containers.





Did You Know?

- ***The substances needed to produce biodiesel and ethanol can be obtained or grown in the U.S.***

The substances used to produce Ethanol and Biodiesel are derived from quick growing renewable sources. Ethanol is made out of corn and other crops like sugar cane, wheat, and fruit and vegetable waste. Biodiesel is made from vegetable oils and animals fats. Both fuels are biodegradable and emit a lower amount of greenhouse gases, improving the quality of the air and reducing the threat to the human health and environment.

- ***Vehicles operating on Natural Gas produce lower amounts of harmful emissions.***

Some of the emissions lowered by the usage of natural gas in motor vehicles include nitrogen oxides, particulate matter, toxic and carcinogenic pollutants, and carbon dioxide.

- ***Electricity can be used to power motor vehicles.***

Electric and Plug-in hybrid electric vehicles can be operated on electricity can be charged directly from the power grid producing and not tailpipe emissions. The only emissions associated with electricity are the ones generated at the plant at the moment electricity is being produced.

- ***Alternative fuels may be used to operate all types of vehicles.***

A wide selection of alternative fuels vehicles is available to the general public and public and private fleets. There are light-duty, sedans, medium-duty trucks such as a delivery van and postal vehicles, and heavy-duty vehicles such as transit buses, school buses and street sweepers being fueled on Ethanol, Biodiesel, Compressed Natural Gas, and Electricity to name a few.

- ***More than 60 percent of U.S. petroleum is currently imported and two-thirds of it is used to fuel vehicles with gasoline and diesel.***
- ***More than 50 different manufactures are producing alternative fuel vehicles and engines.***
- ***That combs, shampoo, dresses, deodorant, shoes and other 6,000 products used in our daily lives are made with petroleum.***
- ***There are 126 alternative fuel stations in the State of Florida.***



Drive a fuel-efficient vehicle or alternative vehicle. Getting a few extra miles per gallon makes a big difference, saves thousands of pounds of CO₂ and a lot of money per year.



Give your car a break. Leave your car at home. Walk bike, carpool or use mass transit.



Alternative fuel Stations in Florida

Frequently Asked Questions



What is Clean Cities?

Clean Cities is a government-industry partnership program sponsored by the U.S. Department of Energy with the goal of reducing America's petroleum consumption. Currently there are about 90 Coalitions and more than 6,500 stakeholders partnered developing, supporting and promoting alternative fuels, alternative fuel vehicles, hybrid vehicles and fuel economy.

How Does Clean Cities work?

Clean Cities provides assistance to local stakeholders from public and private sectors in regards to alternative fuels and alternative fuel vehicles. Clean Cities also provides opportunities for members to develop joint projects, leverage their resources, and promote the maximum usage of vehicles operating on clean alternative fuel.

Who manages the Coalition?

The Gold Coast Clean Cities Coalition is managed by the South Florida Regional Planning Council (SFRPC), which is a regional planning and public agency whose mission is to work with South Florida's public, private, non-profit, and civic leadership to create a better future for south Florida. The SFRPC is one of 11 Regional Planning Councils in Florida and serves three counties: Miami-Dade, Broward, and Monroe; 71 municipalities; and almost 4.3 million residents. For additional information about the SFRPC, visit www.sfrpc.com.

What is the focal point of Gold Coast Clean Cities?

Gold Coast Clean Cities Coalition guides stakeholders in how to make a difference in South Florida. It provides opportunities to participate and learn about the various options available to reduce dependency on petroleum and the great benefits this brings.

What are the goals of Clean Cities?

Clean Cities nationwide goal is to reduce the United States' import needs by one million barrels of oil per day by the year 2020. This goal is to be achieved by stimulating and expanding local decisions that adopt and promote practices that reduce petroleum consumption.

What are alternative fuels?

Alternative fuels are fuels other than gasoline made of renewable energy sources that can be used to power motor vehicles and create less air pollution. The most commonly known alternative fuels are Compressed Natural Gas (CNG), Liquefied Natural Gas (LNG), Ethanol (E85), Methanol, Hydrogen, Battery-Electric power, Biodiesel and Liquefied Petroleum Gas (LPG or Propane). There are other energy sources available like Hybrid Electric (HEV) and Plug-in Hybrid Electric (PHEV), which are encouraged to be used but are not considered alternative fuel vehicles.

Why should I become a member of Gold Coast Clean Cities Coalition?

Members of the Coalition receive a series of benefits including business development and grant application assistance, access to valuable information and resources, and opportunities for national public exposure. The membership also provides opportunities for networking, training and partnerships.

Where can I get more information?

You may do so by calling the Gold Coast Clean Cities Coordinator at **954-985-4416** or visiting our web site www.floridagoldcoastcleancities.com. For information about the national Clean Cities visit the Web site www1.eere.energy.gov/cleancities.



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